International Truck Specifications

C Line
(1954-1972)
C-100 SERIES

<table>
<thead>
<tr>
<th>Rating</th>
<th>C-100</th>
<th>C-102</th>
</tr>
</thead>
<tbody>
<tr>
<td>Max. Gross Vehicle Weight (Lbs.)</td>
<td>4,200</td>
<td>*5,000</td>
</tr>
<tr>
<td>Front Axle Gross (Lbs.)</td>
<td>2,500</td>
<td>2,500</td>
</tr>
<tr>
<td>Rear Axle Gross (Lbs.)</td>
<td>3,300</td>
<td>3,300</td>
</tr>
<tr>
<td>Nominal Gross Carrying Capacity: Body, equipment and payload (Lbs.)</td>
<td>1,550</td>
<td>2,350</td>
</tr>
</tbody>
</table>

* Requires H.D. rear springs.

Chassis Weights (Approximate) in pounds, with regular cab, standard tires, oil, fuel and water

<table>
<thead>
<tr>
<th>Wheel base (inches)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total</td>
</tr>
<tr>
<td>Front end</td>
</tr>
<tr>
<td>Rear end</td>
</tr>
</tbody>
</table>

Turning Radius (Standard Equipment):

<table>
<thead>
<tr>
<th>To center line of tire</th>
<th>20¾ ft.</th>
</tr>
</thead>
<tbody>
<tr>
<td>With bumper clearance</td>
<td>21¾ ft.</td>
</tr>
</tbody>
</table>

(Refer to Unit Sections for Detailed Specifications)

STANDARD EQUIPMENT

01-FRAME: Steel box section, 9⅛ x 4⅝ x ¾ inches.


05-STEERING: S-14—17 inch steering wheel.

08-ELECTRICAL: 12 volt, 30-amp. generator. 12 volt, 50-amp. AC-DC Alternator. Increased capacity battery—60 amp-hr. Directional turn signals. Double oversize battery—70 Amp. hrs.

11-CLUTCH: 10-in. N.A. with V-8 engine. 12-in. 12 spring—V-8 engine only.


15-FUEL TANKS: Chrome gas tank cap. 19 gal. aux. (Travelall only).


17-WHEELS AND TIRES: Optional tire sizes available. (See Page 6.) Tire Carrier: See Page 19 — Section 17.

* Not recommended with overdrive transmission.

OPTIONAL EQUIPMENT

01-BUMPERS: Chrome front and rear.

03-SPRINGS: (Rear) Code 03121—Heavy-duty (C-100 Series). Code 03131—Progressive (N.A. w/Trav. or Panel). Code 03136 H.D. Progr. (C-100 Series)

04-BRAKES: Power Brakes—Mastervac.

05-STEERING: Power Steering, S-19.


11-CLUTCH: 10-in. N.A. with V-8 engine. 12-in. 12 spring—V-8 engine only.


15-FUEL TANKS: Chrome gas tank cap. 19 gal. aux. (Travelall only).


17-WHEELS AND TIRES: Optional tire sizes available. (See Page 6.) Tire Carrier: See Page 19 — Section 17.

* Not recommended with overdrive transmission.
C-110 SERIES

Ratings:

<table>
<thead>
<tr>
<th></th>
<th>C-110</th>
<th>C-112</th>
</tr>
</thead>
<tbody>
<tr>
<td>Max. Gross Vehicle Weight (Lbs.)</td>
<td>4,200</td>
<td>5,800</td>
</tr>
<tr>
<td>Front Axle Gross (Lbs.)</td>
<td>2,500</td>
<td>2,500</td>
</tr>
<tr>
<td>Rear Axle Gross (Lbs.)</td>
<td>3,300</td>
<td>3,300</td>
</tr>
<tr>
<td>Nominal Gross Carrying Capacity: Body, equipment and payload (Lbs.)</td>
<td>1,500</td>
<td>3,100</td>
</tr>
</tbody>
</table>

*Requires heavy-duty front and rear springs.

Chassis Weights (Approximate) in pounds, with regular cab, standard tires, oil, fuel and water (140" WB with Travelette cab):

<table>
<thead>
<tr>
<th>Wheel base (Inches)</th>
<th>Total</th>
<th>Front end</th>
<th>Rear end</th>
</tr>
</thead>
<tbody>
<tr>
<td>115</td>
<td>3,290</td>
<td>2,246</td>
<td>1,044</td>
</tr>
<tr>
<td>119</td>
<td>3,295</td>
<td>2,248</td>
<td>1,047</td>
</tr>
<tr>
<td>122</td>
<td>3,301</td>
<td>2,251</td>
<td>1,050</td>
</tr>
<tr>
<td>131</td>
<td>3,325</td>
<td>2,262</td>
<td>1,063</td>
</tr>
<tr>
<td>140 (Travelette only)</td>
<td>3,829</td>
<td>2,462</td>
<td>1,367</td>
</tr>
</tbody>
</table>

Turning Radius (Standard Equipment):

<table>
<thead>
<tr>
<th></th>
<th>19½ ft.</th>
<th>20 ft.</th>
<th>20½ ft.</th>
<th>21½ ft.</th>
<th>23 ft.</th>
</tr>
</thead>
<tbody>
<tr>
<td>To center line of tire</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>With bumper clearance</td>
<td>20½ ft.</td>
<td>21½ ft.</td>
<td>21½ ft.</td>
<td>23½ ft.</td>
<td>24½ ft.</td>
</tr>
</tbody>
</table>

STANDARD EQUIPMENT

01-FRAME: Steel channel. 6½x x 3 x ½ inches.
02-FRONT AXLE: FA-1, Capacity: 2,500 Lbs.
03-SPRINGS: Front: 46 x 2½ inches. Rear: 52 x 2½ inches. Shock absorbers: Direct acting front and rear.
06—STEERING: S-3—17 inch steering wheel.
08—ELECTRICAL: 12 volt with 30-amp. generator. 12 volt, 50-amp.-hr. battery. Increased capacity battery, 60 amp.-hr. Directional turn signals. Double oversize battery, 70 amp.-hr.
11—CLUTCH: 10 inch (N.A. with V-8), 12 inch, 12-spring (V-8 only).
15—FUEL TANK: 19 gallon. Location—Right side, under cab.
16—CAB: Regular.
17—WHEELS AND TIRES: 5.50-K rim—5 Disc wheels. 7.10-15—4-ply P.C. front, single rear (tubeless tires) w/ spare.

OPTIONAL EQUIPMENT

01—BUMPER: Chrome front and rear.
03—SPRINGS: 0326—Heavy duty front. 03121—H. D. rear (N. A. w/Panel or Trav.). 03131—Prgr. rear (N. A. w/Panel or Trav.). 03136—H. D. prgr. rear (for Panel or Trav.). 03211—Rear with leaf type auxiliary.

04—BRAKES: Power brakes (Mastervac).
05—STEERING: Power steering.
11—CLUTCH: 10 inch (N.A. with V-8), 12 inch, 12-spring (V-8 only).
15—FUEL TANKS: Chrome gas tank cap. 19 gal. aux. (Travelette only). 15 gal. tank.

*Not recommended with overdrive transmission.
**CHASSIS DIMENSIONS**

<table>
<thead>
<tr>
<th>MODEL</th>
<th>GVW RATING</th>
</tr>
</thead>
<tbody>
<tr>
<td>C-120</td>
<td>5,400 lb.</td>
</tr>
<tr>
<td>C-122</td>
<td>7,000 lb.</td>
</tr>
</tbody>
</table>

Dimensions are given in inches. The following are the same for all wheelbases, based on use of 7—17.5 tires.

Tread: Front wheels, 62.8; rear, 63.

Road Clearance: Front, 7.3; rear, 8.3.

Overall Width: Front, 78; rear, 70.3.

Maximum Height to frame top from ground, at rear axle, loaded: 24.8.

**STANDARD SPECIFICATIONS**


Axle, Rear: Rated capacity, 4,500 lb. Full-floating, single reduction, hypoid type. Hotchkiss type final drive. Induction-hardened axle shafts. Differential and wheel bearings are tapered rollers. Pinion is straddle-mounted, supported on roller bearings. Reduction, 4.1, 4.777 or 5.13 to 1.

Brake, Hand: Pedal applied, finger released, rear wheel internal-expanding type; effective lining area, 92.2 sq. in.

Brakes, Service: Hydraulic, one-way Servo front, duo Servo rear. Effective lining area, 172.9 sq. in.


Clutch: Hydraulic, 11-in. diameter, 9-spring, single plate, cushion dry disc, with coil spring vibration damper. Facing area, 123.7 sq. in.


Frame: Pressed steel channel, 7 x 3 x 5/16 in.
Lubrication System: Full pressure feed to all main, connecting rod and camshaft bearings. Deep sump oil pan. External gear type oil pump; wire mesh floating connecting rod and camshaft bearings. Deep sump oil cleaner.
Propeller Shaft: Large-diameter, heavy-gauge steel tubing, dynamically balanced. Needle bearing, anti-friction universal joints.
Springs: Semi-elliptic. Front, 46 x 2 1/4 in. Rear, 52 x 2 1/4 in. Shock absorbers, direct acting, front.
Steering: Semi-reversible, dual ratio, cam and roller-mounted twin lever gear. Four-spoke, 17-in. diameter, safety type steering wheel.
Tires: Front and single rear, tubeless, 7—17.5 TT, 6-ply. Tire carrier.
Transmission: Synchromesh type, three speeds forward, one reverse. Remote control shift lever on steering column, improved shift mechanism. Reductions — low, 3.039 to 1; second, 1.641 to 1; high, direct; reverse, 3.682 to 1.
Wheels: Disc type with 5.25 rims.

OPTIONAL EQUIPMENT AT ADJUSTED COST

Air Conditioner: Efficient, quiet, low-humidity unit with dual adjustable-position nozzles.
Axle Rear: Special with Powr-Lok differential, assures power flow to non-spinning wheel in mud, sand or on ice.
Brakes: Hydrovac power brake system.
Bodies: TRAVELALL® station wagon, 4 side doors, for 3 to 9 passengers. Standard body with single full-width seat, panel type rear doors. Custom body with second full-width intermediate fold-down seat, tail gate with electrically-controlled roll-down window, deluxe trim features. Third full-width rear seat available for both bodies; intermediate seat and tail gate also optional for Standard body . . . Pickup body, 7 or 8 1/2-ft. inside length, Standard or flush-side Bonus-Load . . . Stake or platform, 8-ft. . . . Panel, 7-ft., with 4 side doors, bucket type driver's seat . . . Service-Utility, 79, 89 or 100-in., without or with fully-enclosed cargo area.
Cab: TRAVELETTE®, Four-door, six-passenger, with two full-width seats, increased rear-seat area. Available with 6-ft. Bonus-Load pickup body or 82.5-in. Service-Utility body.
Clutch: 10-in. diameter (for BD engine). 12-in. diameter (for V-8 engine).
Electrical System: 60 or 70-amp.-hr. battery. 50-amp. heavy-duty generator. 35 or 50-amp. charge-at-idle generator. 60-amp. AC-DC alternator. Dual stop and tail lights. Dual electric horns. Front corner and marker lights. Directional signals, Class A, front and rear; hazard switch.
Engine: INTERNATIONAL BD-240, I-block, high-torque, six-cylinder, gasoline, valve-in-head. Bore, 3 3/4 in.; stroke, 4.018 in.; displacement, 240 cu. in. Maximum brake horsepower, 140.8 at 3800 r.p.m.; maximum torque, 223.5 lb.-ft. at 2000 r.p.m.
Heater and Defroster: Recirculating and fresh air type.
Power Steering: Cylinder, valve, reservoir and pump.
Radio: Semi-transistor, center-mounted on instrument panel, with outside aerial.
Springs: Front, heavy-duty. Rear, heavy duty; leaf type auxiliary.
Tires: Tubeless or tubed, alternate sizes. White side walls. Special treads. Understung tubular or bar type tire carrier. Tire lock.
Transmission: Heavy-duty 3-speed with floor shift; 4-speed synchromesh.
Transmission, Automatic: Torque converter type. Three speeds forward, one reverse. Gear drive range selector mounted on steering column has Park, Reverse, Neutral, Drive1, Drive2, and Low positions. Eliminates need for clutch and pedal . . . Oil cooling unit.

Specifications subject to change without notice.

INTERNATIONAL HARVESTER COMPANY
180 NORTH MICHIGAN AVE. • CHICAGO 1, ILLINOIS
### C-120 SERIES

<table>
<thead>
<tr>
<th>Model</th>
<th>115</th>
<th>119</th>
<th>122</th>
<th>131</th>
<th>140</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nominal Gross Carrying Capacity: Body, equipment and payload (Lbs.)</td>
<td>5,400</td>
<td>2,700</td>
<td>4,500</td>
<td>2,300</td>
<td>4,052</td>
</tr>
<tr>
<td>Front Axle Gross (Lbs.)</td>
<td>3,476</td>
<td>3,480</td>
<td>3,486</td>
<td>3,604</td>
<td>4,052</td>
</tr>
<tr>
<td>Total</td>
<td>2,189</td>
<td>2,224</td>
<td>2,253</td>
<td>2,312</td>
<td>2,516</td>
</tr>
<tr>
<td>Rear</td>
<td>1,287</td>
<td>1,256</td>
<td>1,233</td>
<td>1,292</td>
<td>1,536</td>
</tr>
</tbody>
</table>

**Rating:**

- **Max. Gross Vehicle Weight (Lbs.):**
- **Front Axle:**
- **Rear Axle Gross (Lbs.):**
- **Nominal Gross Carrying Capacity:** Body, equipment and payload (Lbs.)

**Optional Equipment**

- **01-BUMPERS:** Chrome front and rear.
- **02-SPRINGS:**
  - 0236—Heavy duty front
  - 0211—Heavy duty rear, less aux.
- **03—FUEL TANK:** 19 gallon.
- **04—WHEELS AND TIRES:** 5.25 rim. Disc wheels.

**STANDARD EQUIPMENT**

01-**FRAME:** Steel channel, 7 x 3 x 3/8 inches.
02-**FRONT AXLE:** FA-10. Capacity: 2,700 pounds.
03-**SPRINGS:**
  - Front: 46 x 2 1/4 inches.
  - Rear: 52 x 2 1/4 inches.
  - Shock absorbers: Direct acting, front and rear.
04-**BRAKES—SERVICE:** Hydraulic.
  - Front: 12 x 1 1/4 inches.
  - Rear: 12 x 3 inches.
  - Total area: 172.9 sq. in.
04-**BRAKES—HAND:** On rear axle.
  - Total area: 32.2 sq. in.
05-**STEERING:**
  - S-3—17 inch steering wheel.
06-**ELECTRICAL:**
  - 12 volt, 30-amp. generator.
  - 12 volt, 50-amp-hr. battery.
07-**CLUTCH:**
  - 11 inch, 9 spring, single plate.
08-**ENGINE:** V-266—Eight cylinders.
  - Maximum H.P.: 154.8 @ 4,400 R.P.M.
  - Maximum Torque: 227.1 lb./ft. @ 2,800 R.P.M.
  - Oil Filter: Full flow.
  - Air Cleaner: Oil bath.
09-**TRANSMISSION:** T-1, three-speed, synchromesh.
10-**REAR AXLE:** RA-10, single reduction.
  - Capacity: 4,500 pounds.
  - Ratios: 4.1:1, 4.77:1.
11-**FUEL TANKS:** Chrome gas tank cap.
  - 19 gal. aux. (Travelall only).
12-**CABS AND BODIES:**
  - 8 ft. Stake body, 131-in. W.B.
  - 6 ft. Bonus load pickup body (w/Travelette cab).
  - Super capacity heater and defroster.
INTERNATIONAL TRUCKS

C-120 4 x 4

Max. Gross Vehicle Weight (Lbs.)
With Oversize Front Axle...
Front Axle Gross (Lbs.)
Rear Axle Gross (Lbs.)
Nominal Gross Carrying Capacity: Body, equipment and payload (Lbs.):

Ratings:

2,800
4,500
3,600

Class Weights (Approximate) in pounds, with regular cab, standard tires, oil, fuel and water:

<table>
<thead>
<tr>
<th>Wheel base (Inches)</th>
<th>11S</th>
<th>119</th>
<th>122</th>
<th>131</th>
<th>134</th>
<th>140 Travelette only</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total</td>
<td>3,611</td>
<td>3,815</td>
<td>3,621</td>
<td>3,939</td>
<td>3,944</td>
<td>4,367</td>
</tr>
<tr>
<td>Front end</td>
<td>2,445</td>
<td>2,480</td>
<td>2,509</td>
<td>2,568</td>
<td>2,593</td>
<td>2,772</td>
</tr>
<tr>
<td>Rear end</td>
<td>1,366</td>
<td>1,335</td>
<td>1,312</td>
<td>1,371</td>
<td>1,351</td>
<td>1,613</td>
</tr>
</tbody>
</table>

Turning Radius (Standard Equipment):

Transfer line of tire
Transfer line of tire

STANDARD EQUIPMENT
01-FRAME: Steel channel, 7 x 3 x 1/8 in.
03-SPRINGS: Front: 42 x 2 1/2 inches.
04-BRAKES—SERVICE: Hydraulic.
05—STEERING: S-3—17 inch steering wheel.
06—ELECTRICAL: 12 volt, 30-amp. generator.
07—CLUTCH: 11 inch, 9 spring, single plate.
08-ENGINE: V-266—Eight cylinders.
09—TRANSMISSION: T-1, three speed, remote control.
10—MISCELLANEOUS:

OPTIONAL EQUIPMENT
01—BUMPERS: Chrome front and rear.
03—SPRINGS: Rear with leaf type auxiliary.
04—BRAKES: Power brakes (Hydromac).
05—ELECTRICAL: 12 volt, 50-amp. high output generator.
06—ENGINE: BD-240, V-304 (gasoline only).
07—TRANSMISSION: Transfer case: TC-141 (Single Lever).
10—MISCELLANEOUS:

11—CLUTCH: 10 inch, for BD engine.
12—REAR AXLE: RA-11 (4.1 or 4.77 ratio) with POWR-LOK differential.
13—FUEL TANKS: Chrome gas tank cap.
14—WHEELS AND TIRES: Optional tire sizes, see page 12.
INTERNATIONAL TRUCKS

C-130 SERIES

Ratings: C-130 C-132

Max. Gross Vehicle Weight (Lbs.) 7,000 8,800
Front Axle Gross (Lbs.) 3,100 3,100
Rear Axle Gross (Lbs.) 6,000 6,000
Nominal Gross Carrying Capacity: Body, equipment and payload (Lbs.) 3,700 5,500

<table>
<thead>
<tr>
<th>Chassis Weights (Approximate) in pounds, with regular cab, standard tires, oil, fuel and water (140&quot; WB with Travelette cab)</th>
<th>Wheel base (Inches)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>122</td>
</tr>
<tr>
<td></td>
<td>131</td>
</tr>
<tr>
<td></td>
<td>134</td>
</tr>
<tr>
<td></td>
<td>140 Travelette</td>
</tr>
<tr>
<td>Total</td>
<td>3,630</td>
</tr>
<tr>
<td></td>
<td>3,655</td>
</tr>
<tr>
<td></td>
<td>3,666</td>
</tr>
<tr>
<td></td>
<td>4,114</td>
</tr>
<tr>
<td>Front end</td>
<td>2,338</td>
</tr>
<tr>
<td></td>
<td>2,380</td>
</tr>
<tr>
<td></td>
<td>2,396</td>
</tr>
<tr>
<td></td>
<td>2,563</td>
</tr>
<tr>
<td>Rear end</td>
<td>1,292</td>
</tr>
<tr>
<td></td>
<td>1,275</td>
</tr>
<tr>
<td></td>
<td>1,270</td>
</tr>
<tr>
<td></td>
<td>1,551</td>
</tr>
</tbody>
</table>

Turning Radius (Standard Equipment):

To center line of tire: 20½ ft. 22 ft. 22¾ ft. 23¼ ft.

With bumper clearance: 22 ft. 23¼ ft. 23¾ ft. 24¾ ft.

(Refer to Unit Sections for Detailed Specifications)

STANDARD EQUIPMENT

01—FRAME: Steel channel, 7 x 3 x 3/8 inches.

02—FRONT AXLE: FA-10. Capacity: 3,100 pounds.

03—SPRINGS: Front: 46 x 2 1/4 inches.
Rear: 52 x 2 1/2 inches.
Shock absorbers: Direct-acting front.

04—BRAKES—SERVICE: Hydraulic.
Front: 12 x 1 3/4 inches.
Rear: 14 x 2 1/4 inches.
Total area: 203.9 sq. in.

04—BRAKE—HAND: On rear axle. Total area: 123.2 in.

05—STEERING: S-3—17-inch steering wheel.

08—ELECTRICAL: 12 volt with 30-amp. generator.
12 volt, 50-amp.hr. battery.

11—CLUTCH: 11 inch, 9 spring, single plate.

12—ENGINE: V-266 — Eight cylinders.
Maximum H.P.: 154.8 @ 4,400 R.P.M.
Maximum Torque: 227.1 lb./ft. @ 2,800 R.P.M.
Oil Filter: Full flow.
Air Cleaner: Oil bath.

13—TRANSMISSION: T-7, 3-speed (Floor shift).

Capacity: 6,000 pounds.

15—FUEL TANK: 19 gallon undercab, right side.

16—CABS AND BODIES:
8½-ft. regular pickup or Bonus Load body. (Dual rear tires N.A. with B.L. body)
8-ft. Stake body, 131-in. W.B.
8-ft. Platform body, 131-in. W.B.
9-ft. Stake body, 134-in. W.B.
9-ft. Platform body, 134-in. W.B.
Travelette cab.
Super capacity heater and defroster.

17—WHEELS AND TIRES: Optional tire sizes, see page 2.

OPTIONAL EQUIPMENT

01—BUMPERS: Chrome front and rear.
These dimensions in inches are the same for all wheelbases with 10.00x20 tires:

<table>
<thead>
<tr>
<th></th>
<th>FRONT</th>
<th>REAR</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tread</td>
<td>78</td>
<td>71 1/8</td>
</tr>
<tr>
<td>Road clearance</td>
<td>12 3/8</td>
<td>10 3/8</td>
</tr>
<tr>
<td>Over-all width</td>
<td>94</td>
<td>95 3/8</td>
</tr>
<tr>
<td>Height, ground to top of frame, loaded</td>
<td>37 3/4</td>
<td>39 3/8</td>
</tr>
</tbody>
</table>

*Special wheelbases are available.

Tractor AF is shown. Longer AF can be furnished.

**CHASSIS DIMENSIONS**

- *Wheelbase (WB) ................ 116 128 134 140 152 164
- Over-all length (OAL) .............. 176 188 194 200 212 224
- Back of cab to center line of rear axle (CA) 74 86 92 98 110 122
- *Center line of rear axle to end of frame (AF) 32 32 32 32 32 32
- Back of cab to end of frame (CF) .......... 106 118 124 130 142 154
- Bumper to center line of front axle ...... 28 28 28 28 28 28
- Turning radius to center line of tires (ft.) 22 24 25 26 28 30

**STANDARD SPECIFICATIONS**

- **AXLE, FRONT:** Timken FE-900, 11,000-lb. capacity. Drop center, 4x3 3/4 x 1/2 in., I-beam, heat-treated steel drop forging, reverse Elliott type. Steering knuckles of drop forged, heat-treated nickel chrome-alloy steel. Kingpins, 1.3095 in. diameter. Spindles 2 3/4 in. inner diameter; 1 1/8 outer diameter.

- **AXLE, REAR:** Eaton 1893, single reduction, spiral bevel, forged steel housing. Axle reductions, 4.87 to 1, 5.57 to 1, 6.5 to 1, 7.17 to 1.

- **BRAKE, HAND:** Ventilated disc, 16-in. 4-shoe, on propeller shaft.

- **BRAKES, SERVICE:** 2-shoe, double-anchored, internal expanding, heavy duty, air operated with slack adjusters on each wheel, 7/4 cu. ft. compressor, front wheel limiting valve, low pressure warning buzzer, air reservoir pressure gauge and application air pressure gauge.

- **CAB:** Heavy duty Comfo-Vision cab, all steel construction with one-piece sweepsight windshield, safety glass throughout. Left-side arm rest, right and left-side sun visors; dual air operated windshield wipers; bus type dual rear-view mirrors; ash tray; cigar lighter. Instruments include speedometer, tachometer, ammeter, reservoir air pressure gauge and application air pressure gauge, air pressure gauge, temperature gauge, fuel gauge, oil pressure gauge, headlight beam indicator, low air pressure warning buzzer, parking brake light.

- **CLUTCH:** 14-in. diameter, single plate, cushioned disc type. Coil spring vibration damper.

- **COOLING SYSTEM:** Centrifugal pump circulation, V-belt drive. Fin and tube radiator. Capsule type thermostat. Total capacity, 39.4 qt.

- **ELECTRICAL SYSTEM:** 12 volt. Two 6 volt 19 plate batteries, 135
C-900

RATINGS:
Max. Gross Vehicle Weight (lbs.) .................................................. 4,000

STANDARD EQUIPMENT

AXLE—Front:
FA-1, Capacity: 2,500 lbs.

AXLE—Rear:
RA-1, Single Reduction.
Capacity: 3,300 lbs.
Ratio: 4.09.

BRAKE—Parking and Emergency:
Rear Wheels.
Total Area: 82.81 sq. in.

BRAKES—Service:
Hydraulic.
Front: 11 x 2 in.
Rear: 11 x 1¾ in.
Total Area: 177.5 sq. in.

ENGINE:
4-152.
Gross HP: 93.4 @ 4,400 RPM.
Gross Torque: 142.7 lb.-ft. @ 2,400 RPM.

FRAME:
Steel Channel.
7 x 3 x ¾ in.
Section Modulus: 3.98 in³.

FUEL TANK:
15-gal. RH Under Cab.

SPRINGS:
Front: 2⅛ x 46 in. Capacity: 990 lbs.
Rear: 2⅜ x 52 in. Capacity: 1,650 lbs.

STEERING:
S-3 with 17-inch Steering Wheel.

TRANSMISSION:
T-13, 3-speed Synchromesh.
Ratios: 1st: 3.339
2nd: 1.851
3rd: 1.00
Rev.: 4.531

WHEELS AND TIRES:
6.50 x 15PC 4-ply.
5.00 K Rims, Disc Wheels.

OPTIONAL EQUIPMENT

AXLE—Rear:
RA-3, Single Reduction.
Powr-Lok Differential.
Capacity: 3,300 lbs. with 11 x 1¾ in. Hydraulic Brakes.
Ratio: 4.09.

CAB AND BODIES:
6-ft. Regular Pick-up.
Heater and Defroster.

CLUTCH:
10-inch, 9-spring, single-plate.
11-inch, 9-spring, single-plate.

ENGINE:
Increased Cooling.
Governor.

FRAME:
Chrome Front and Rear Bumper.
Black Rear Bumper.

WHEELS AND TIRES:
6.70 x 15PC 4-ply.
5.00 K Rims, Disc Wheels.
C-1000

RATINGS:
Max. Gross Vehicle Weight (lbs.)
With Heavy Duty Rear Springs

<table>
<thead>
<tr>
<th></th>
<th>4,200</th>
<th>5,000</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
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</tr>
</tbody>
</table>

STANDARD EQUIPMENT

ENGINE:
- BG-241
- Gross HP: 140.8 @ 3,800 RPM
- Gross Torque: 223.5 lb-ft. @ 2,000 RPM
- Positive crankcase ventilation

FRAME:
- Steel Box Section
- 5\frac{1}{4} x 4\frac{3}{4} x 3\frac{3}{4} in
- Section Modulus 3.28 in³

FUEL TANK:
- 17-gal RH Under Cab

SPRINGS:
- Front: Independent Suspension
- Capacity: 2,500 lbs.
- Rear: 2\frac{1}{4} x 52 in
- Capacity: 1,650 lbs.
- Shock Absorbers: Front and Rear

STEERING:
- S-14 with 17-inch Steering Wheel

TRANSMISSION:
- T-4, 3-speed Synchromesh
- Ratios: 1st: 3.033
- 2nd: 1.641
- 3rd: 1.000
- Rev: 3.683

WHEELS AND TIRES:
- 6.70 x 15PC 4-ply
- 5.00K Rims, Disc Wheels

OPTIONAL EQUIPMENT

AXLE—Rear:
- RA-3, Single Reduction
- Powr-Lok Differential
- Capacity: 3,300 lbs.
- 11 x 1\frac{1}{4} in. Brakes
- Ratios: 3.31, 3.54, 3.73, 4.09

BRAKES—Service:
- Power

CAB AND BODIES:
- Travelall
- Front End Section
- Flat Back Cowl
- Panel Body—7-ft.
- Pickup—7-ft. Regular
- Pickup—7-ft. Bonus Load
- Super Capacity Heater and Defroster
- Recirculating Heater and Defroster

CLUTCH:
- 11-inch, 9-spring, single-plate
- 12-inch, 12-spring, single-plate
- 185.50 sq. in

ELECTRICAL:
- 12-volt, 37-amp. Alternator
- 54-plate, 50 amp-hr. Battery

ENGINE:
- V-266, V-304
- Auxiliary Oil Filter

Heavy-Duty Oil Bath Air Cleaner
High Altitude Equipment
Increased Cooling
Governor
Hand Throttle Control
High Temperature Thermostat
Magnetic Drain Plug
Carburetor Heater

FRAME:
- Chrome Front and Rear Bumper
- Black Rear Bumper (NA on Panel or Travelall)

FUEL TANKS:
- 19-gal. Rear Mounted Auxiliary
  (Travelall Only)

SPRINGS:
- Heavy-Duty Rear
- Progressive Rear

STEERING:
- Power

TRANSMISSIONS:
- Overdrive, 4-speed, T-8
- Direct, 4-speed, T-15
- Automatic, 3-speed, T-28

WHEELS AND TIRES:
- Optional Tire Sizes on Disc Wheels
C-1100

RATINGS:
Max. Gross Vehicle Weight (lbs.) ......................................................... 4,700
With Heavy-Duty Rear Springs ............................................................ 5,800

STANDARD EQUIPMENT

FRAME:
Steel Channel,
7 x 3 x ¾ in.
115-131 in. WB.
Section Modulus: 3.98 in³.
7 x 3 x ¾ in.
140 in. WB.
Section Modulus: 4.81 in³.

FUEL TANK:
19-gal. RH Under Cab (or body).

SPRINGS:
Front: 2¾ x 46 in., Capacity: 1,250 lbs.
Rear: 2½ x 52 in., Capacity: 1,650 lbs.
Shock Absorbers: Front and Rear.

STEERING:
S-3 with 17-inch Steering Wheel.

TRANSMISSION:
T-4, 3-speed, Synchromesh.
Ratios: 1st: 3.033
2nd: 1.641
3rd: 1.000
Rev.: 3.683

WHEELS AND TIRES:
7.10 x 15 PC, 4-ply.
5.50K Rims, Disc Wheels.

OPTIONAL EQUIPMENT

ENGINE:
BG-241 Propane.
V-266 Gasoline.
V-304 Gasoline or Propane.
Auxiliary Oil Filter.
HD Oil Bath Air Cleaner.
High Altitude Equipment.
Increased Cooling.
Governor.
Hand Throttle Control.
High Temperature Thermostat.
Magnetic Drain Plug.
Carburetor Heater.

FRAME:
Chrome Front and Rear Bumper.
Black Front Bumper (NA on Panel or Travelall).

FUEL TANKS:
15-gal. Under Cab (or body).

SPRINGS:
Heavy-Duty Front (FA-1 Only).
Heavy-Duty Rear with Auxiliary.
Progressive Rear.

TRANSMISSIONS:
Direct, 3-speed, T-7.
Overdrive, 4-speed, T-8.
Direct, 4-speed, T-15.

WHEELS AND TIRES:
Optional Tire Sizes on Disc Wheels.
INTERNATIONAL®

MODEL

C-1100 (4x4)

RATINGS

MAXIMUM GROSS VEHICLE WEIGHT

5,600 lbs.

STANDARD EQUIPMENT

**AXLE, FRONT**
- FA-16 2,800-lb capacity driving
- Hypoid single-reduction, 8 1/4" ring gear
- Cardan joint steering drive ends
  - Three-piece cast iron housing
- Ratios: 4.09 or 4.77 to 1

**AXLE, REAR**
- RA-18 3,300-lb capacity
- Hypoid single-reduction, 8 1/2" ring gear
  - Semi-floating, induction-hardened shafts
- Three-piece cast iron housing
  - Ratios: 4.09 or 4.77 to 1

**BRAKE, PARKING**
- Mechanical control of rear service brakes
  - Foot-pedal applied, finger-tip released
  - Total lining area: 82.8 sq. inches

**BRAKES, SERVICE**
- Hydraulic; single-cylinder one-way servo front, dual-cylinder duo-servo rear
  - Size: 11x2" front, 11x 1 1/2" rear
  - Total lining area: 177.4 sq. inches

**CAB**
- All-steel, with safety-glass windows
  - Door locks both sides, with safety latches
  - Full-width seat, with foam-rubber padded seat cushion, ribbed vinyl and woven nylon upholstery
  - Ammeter, fuel, water temperature and oil pressure gauges

(CAB (Continued))
- Sun visor for driver
- Ash tray. Hand choke
- Two-speed electric windshield wipers
  - Inside rear view mirror. Vinyl headliner
  - Rubber floormat with jute insulation

**CLUTCH**
- WARN locking hubs. Tie rod guard

**COOLING SYSTEM**
- 16.2-quart system capacity
  - Radiator frontal area: 490 sq. inches

**ELECTRICAL SYSTEM**
- 12-volt, with 37-amp alternator
  - 50-amp-hr, 54-plate battery

**FINISH**
- Chassis and bumper: black
  - Hood, cab, fenders and wheels: choice of any standard IH color
  - Grille, headlight and parking light bezels: bright-finish aluminum

**FRAME**
- Pressed steel channel main rails
  - 119" & 131" WB: 7 x 3 x 1/4"; 3.98 sec. mod.
  - 140" WB: 7 x 3 x 1/4", 4.81 sec. mod.
  - Formed-channel front bumper, black

**FUEL TANK**
- 19-gallon, mounted under cab

**STEERING**
- S-3 gear, with 17-inch steering wheel

**SUSPENSION**
- Semi-elliptic steel leaf springs
  - Front: 2 1/2 x 42"; 2,720-lb capacity
  - Rear: 2 1/2 x 52"; 3,300-lb capacity

**TRANSFER CASE**
- TC-141 two-speed constant-mesh
  - Single control lever selects high or low range, front axle declutch; permits low range operation in 4-wheel-drive only
  - Ratios: 1.96 and 1.00 to 1
  - Provision for full-torque PTO

**TRANSMISSION**
- T-4 3-speed synchromesh, direct gear shift lever on steering column
  - Ratios: 3.03, 1.64, 1.00; 3.68 rev.

**WHEELS and TIRES**
- Single front and rear, with spare 6.70 x 15 4PR tubeless tires
  - 5-stud disc wheels, with 5.00K rims

OPTIONAL EQUIPMENT At Adjusted Cost

**AXLE, FRONT**
- Warn locking hubs. Tie rod guard

**AXLE, REAR**
- RA-28 3,300-lb single-reduction with Powr-Lok limited-slip differential, 11 x 1 1/2" brakes and 3,300-lb springs
  - Ratios: 4.09 or 4.77 to 1

**BODIES**
- Regular pickup, 7-ft or 8 1/2-ft inside length, with underslung tire carrier
  - Bonus-Load pickup, 7-ft or 8 1/2-ft inside length, with dual stop and tail lights and inner-body tire carrier
  - Travelall body, with 4 side doors, rear tailgate with electrically-operated roll-down window, dual stop and tail lights

(BODIES (Continued))
- lights, black rear bumper and inner-body tire carrier
- Optional: full-width fold-down center seat, removable rear seat; panel doors at rear; custom trim features
- Panel body, with 4 side doors, double rear doors, individual bucket driver's seat, dual stop and tail lights, black rear bumper and inner-body tire carrier
- 8-ft stake or platform
- 6-ft Bonus-Load pickup with inner-body tire carrier, for Travellette cab

**BRAKES, SERVICE**
- Vacuum power assist

**FRAME**
- 4-door, 6-passenger Travellette
  - Full-width seat, for panel body
  - Passenger seat, for panel body
  - Special mirrors. Extra sun visor
- Arm rests. Cigar lighter
- Tinted glass. Glove box lock
- Fresh air or recirculating heaters

**CLUTCH**
- 11-inch 9-speed, for BG-241 engine
  - 12-inch 12-speed, for V8 engines

**COOLING**
- Increased capacity system

**ELECTRICAL SYSTEM**
- 52-amp alternator. Dual electric horns
  - 12-volt, 60- or 70-amp-hr battery
# C-1200

## RATINGS:

<table>
<thead>
<tr>
<th>Max. Gross Vehicle Weight (lbs.)</th>
<th>5,400</th>
</tr>
</thead>
<tbody>
<tr>
<td>With Heavy-Duty Front and Rear Springs</td>
<td>7,000</td>
</tr>
</tbody>
</table>

## STANDARD EQUIPMENT

| AXLE—Front: | FA-10, Capacity: 2,700 lbs. |
| BRAKE—Parking and Emergency: | Rear Wheels. Total Area: 90.6 sq. in. |
| BRAKES—Service: | Hydraulic. Front: 12 x 1 ¼ in. Rear: 12 x 2 in. Total Area: 169.9 sq. in. |
| CAB: | Regular. |
| ENGINE: | BG-241. Gross HP: 140.8 @ 3,800 RPM. Gross Torque: 223.5 lb.-ft. @ 2,000 RPM. |
| FRAME: | Steel Channel. 7 x 3 x ½ in. Section Modulus: 4.81 in². |
| FUEL TANK: | 19-gal. RH Under Cab (or body). |
| STEERING: | S-3 with 17-inch Steering Wheel. |
| WHEELS AND TIRES: | 7-17.5TT, 6-ply 5.25 Rims, Disc Wheels. |

## OPTIONAL EQUIPMENT

| BRAKES—Service: | Power. |
| CLUTCH: | 11-inch, 9-spring, single-plate. 12-inch, 12-spring, single-plate. |
| FRAME: | Chrome Front and Rear Bumper. Black Front Bumper (NA on Panel or Travelall). |
| SPRINGS: | Heavy-Duty Front. Heavy-Duty Rear Main. Heavy-Duty Rear Main and Auxiliary. |
| WHEELS AND TIRES: | Optional Tire Sizes on Disc Wheels. |
RATINGS:
Max. Gross Vehicle Weight (lbs.) .......................... 7,000
With FA-18 Front Axle .................................... 7,400

STANDARD EQUIPMENT
AXLE—Front:
FA-15, Single Reduction.
Capacity: 2,800 lbs.
AXLE—Rear:
FA-10, Single Reduction.
Capacity: 4,500 lbs.
Ratios: 4.1, 4.78.
BRAKE—Parking and Emergency:
Rear Wheels.
Total Area: 90.6 sq. in.
BRAKES—Service:
Hydraulic.
Front: 12 x 13/4 in.
Rear: 12 x 2 in.
Total Area: 169.9 sq. in.
CAB:
Regular.
CLUTCH:
10-inch, 9-spring.
Single Plate.
Hydraulic Controls.
ELECTRICAL:
54-plate, 50 amp.-hr. Battery.
ENGINE:
BG-241.
Gross HP: 140.8 @ 3,800 RPM.
Gross Torque: 223.5 lb.-ft. @ 2,000 RPM.
FRAME:
Steel Channel, Drop Frame.
7 x 3 x 5/8 in.
Section Modulus: 4.81 in.3.
FUEL TANK:
19-gal. Under Cab (or body).
SPRINGS:
Front: 2½ x 42 in., Capacity: 1,830 lbs.
Rear: 2½ x 52 in., Capacity: 3,000 lbs.
Shock Absorbers: Front and Rear.
STEERING:
S-3 with 17-inch Steering Wheel.
TRANSMISSION:
T-4, 3-speed Synchromesh.
Ratios:
1st: 3.033
2nd: 1.641
3rd: 1.000
Rev: 3.683
TRANSFER CASE:
TC-141.
Ratios: 1.96, 1.00.
WHEELS AND TIRES:
7-17.5TT, 6-ply.
5.25 Rims, Disc Wheels.
OPTIONAL EQUIPMENT
AXLE—Front:
FA-18, Single Reduction.
Capacity: 3,500 lbs.
12 x 13/4 in. Brakes.
Ratios: 4.1, 4.78.
Warn Locking Hubs.
AXLE—Rear:
RA-11, Single Reduction with Powr-Lok.
Capacity: 4,500 lbs.
12 x 2 in. Brakes.
Ratios: 4.1, 4.78.
BRAKES—Service:
Power.
CAB AND BODIES:
Front End Section.
Panel Body.
Travelall.
Travelette Cab.
7 or 8 1/2 ft. Pickup Body.
6 ft. Bonus Load Pickup Body.
8 or 9 ft. Stake or Platform Body.
IH Super Capacity Heater and Defroster.
Recirculating Heater and Defroster.
CLUTCH:
11-inch, 9-spring, single-plate.
12-inch, 12-spring, single-plate.
ELECTRICAL:
Increased Capacity Battery.
Directional Signals.
ENGINE:
V-266.
V-304.
Auxiliary Oil Filter.
Heavy-Duty Oil Bath Air Cleaner.
High Altitude Equipment.
Increased Cooling.
Governor.
High Temperature Thermostat.
Magnetic Drain Plug.
Carburetor Heater.
FRAME:
Two Front Tow Hooks.
Rear Tow Loop.
Chrome Front and/or Rear Bumper.
Black Rear Bumper (NA on Panel or Travelall).
FUEL TANKS:
15-gal. Under Cab (or body).
SPRINGS:
Heavy-Duty Front (FA-18).
Heavy-Duty Rear Main with Auxiliary.
Heavy-Duty Rear Shock Absorbers.
STEERING:
Power.
TRANSMISSIONS:
Direct, 4-speed, T-16.
Ramsey 200 Front Mounted Winch,
with or without Cable and Hook.
PTO on Transfer Case.
WHEELS AND TIRES:
Optional Tire Sizes on Disc Wheels.
C-1300

RATINGS:
Max. Gross Vehicle Weight (lbs.)
With Heavy-Duty Rear Springs

<table>
<thead>
<tr>
<th></th>
<th>Max. Gross Vehicle Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>lbs.</td>
</tr>
<tr>
<td>With Heavy-Duty Rear Springs</td>
<td>7,000</td>
</tr>
</tbody>
</table>

STANDARD EQUIPMENT

AXLE—Front:
FA-10, Capacity: 3,100 lbs.

AXLE—Rear:
RA-15, Single Reduction.
Capacity: 6,000 lbs.
Ratios: 4.30, 4.88, 5.57, 6.17.

BRAKE—Parking and Emergency:
Rear Wheels.
Total Area: 121.7 sq. in.

BRAKES—Service:
Hydraulic.
Front: 12 x 1½ in.
Rear: 14 x 2¼ in.
Total Area: 201.0 sq. in.

CAB:
Regular.

CLUTCH:
10-inch, 9-spring.
Single-plate.
Hydraulic Controls.

ELECTRICAL:
54-plate, 50 amp-hr. Battery.

ENGINE:
BG-241.
Gross HP: 140.8 @ 3,800 RPM.
Gross Torque: 223.5 lb-ft. @ 2,000 RPM.

FRAME:
Steel Channel.
7 x 3 x ½ in.
Section Modulus: 4.81 in³.

FUEL TANK:
19-gal. RH Under Cab.

SPRINGS:
Front: 2½ x 46 in., Capacity: 1,630 lbs.
Rear: 2½ x 52 in., Capacity: 3,000 lbs.
Shock Absorbers: Front.

STEERING:
S-3 with 17-inch Steering Wheel.

TRANSMISSION:
T-7, 3-speed, Synchromesh.
Ratios: 1st: 3.714
2nd: 1.871
3rd: 1.000
Rev: 4.588

WHEELS AND TIRES:
8-17.5TT, 6-ply.
5.25 Rims, Disc Wheels.

OPTIONAL EQUIPMENT

BRAKES—Service:
Power.

CAB AND BODIES:
Flat Back Cowl.
Front End Section.
8½ ft. Regular Pickup Body.
8½ ft. Bonus Load Pickup Body.
6 and 9 ft. Stake and Platform Bodies.
Super Capacity Heater and Defroster.
Recirculating Heater and Defroster.

CLUTCH:
11-inch, 9-spring, single-plate.
12-inch, 12-spring, single-plate.

ELECTRICAL:
Increased Capacity Battery.
Directional Signals.

ENGINE:
BG-241 Propane.
V-266 Gasoline.
V-304, Gasoline or Propane.
Auxiliary Oil Filter.
Heavy Duty Oil Bath Air Cleaner.
High Altitude Equipment.

FRAME:
Chrome Front and Rear Bumper.
Black Front Bumper.

FUEL TANKS:
15-gal. Under Cab.

SPRINGS:
Heavy-Duty Rear Main.
Heavy Duty Rear Main with or without Auxiliary.

TRANSMISSIONS:
Direct, 4-speed, T-15.

WHEELS AND TIRES:
Optional Tire Sizes.
Disc Wheels.

PRINTED IN UNITED STATES OF AMERICA

SECTION 3 — Page 1
INTERNATIONAL TRUCKS

C-1300 (4x4)

RATINGS:
Max. Gross Vehicle Weight (lbs.) .................................................... 10,000

STANDARD EQUIPMENT

AXLE—Front:
   FA-52, Capacity: 4,000 lbs., single reduction.

AXLE—Rear:
   RA-15, Capacity: 6,000 lbs., single reduction.
   Ratios: 4.88, 6.17.

BRAKE—Parking and Emergency:
   On rear axle service brakes.
   Total area: 121.7 inches.

BRAKES—Service:
   Hydraulic.
   Front: 12 x 2 inches.
   Rear: 14 x 2 1/4 inches.
   Total area: 213.6 sq. in.

CAB:
   Regular.

CLUTCH:
   10-inch, 9 spring single plate, with hydraulic controls.

ELECTRICAL:
   12 volt with 37-amp. alternator.
   54 plate, 50-amp.-hr. battery.

ENGINE:
   BG-241.
   Gross H.P.: 140.8 @ 3,800 R.P.M.
   Gross Torque: 223.5 lb.-ft. @ 2,000 R.P.M.

FRAME:
   Steel channel, 7 x 3 x 1/4 inches.
   Section Modulus: 4.81.

FUEL TANK:
   19 gallon mounted under right side cab.

SPRINGS:
   Front: 42 x 2 1/4 inches. Capacity: 2,000 lbs.
   Rear: 52 x 2 1/2 inches. Capacity: 3,000 lbs.
   Shock absorbers: front and rear.

STEERING:
   S-15 with 17-inch steering wheel.

TRANSMISSION:
   T-7, 3-speed synchromesh.
   Ratios:
      1st 3.714
      2nd 1.871
      3rd 1.00
      Rev. 4.588
   Transfer Case: TC-141 (single-lever).
      Ratios: 1.96 and 1.00.

WHEELS AND TIRES:
   8-17.5 6 ply, 5.25 rims, disc wheels.

OPTIONAL EQUIPMENT

BRAKES—Service:
   Power.

CABS AND BODIES:
   8 1/2 ft. regular pickup.
   9-ft. stake or platform.
   Recirculation heater and defroster.

CLUTCH:
   11-inch, 9 spring, single plate.
   12-inch, 12 spring, single plate.

ELECTRICAL:
   12 volt, 52-amp. alternator.
   Increased capacity battery.
   Directional signals.
   Front axle warning light.

ENGINE:
   V-266 gasoline.
   V-304 gasoline.

   Increased capacity cooling.
   Governor.
   High altitude equipment.

FUEL TANK:
   15 gallon (for special body mountings, does not project behind cab).

SPRINGS:
   Rear with auxiliary.

TRANSMISSION:
   T-16 4-speed synchromesh.
   AT-640 power take-off on transfer case.

WHEELS AND TIRES:
   Optional tires on disc wheels.
## Specifications

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<thead>
<tr>
<th>Gross Vehicle Weight Rating</th>
<th>Model CO-190</th>
<th>21,000 lb.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Model CO-191</td>
<td>23,000 lb.</td>
<td></td>
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<tr>
<td>Model CO-192</td>
<td>25,000 lb.</td>
<td></td>
</tr>
<tr>
<td>Model CO-195</td>
<td>24,000 lb.</td>
<td></td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Gross Combination Weight Rating</th>
<th>50,000 lb.</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Front Axle Gross</th>
<th>7,500 lb.</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Rear Axle Gross</th>
<th>18,500 lb.</th>
</tr>
</thead>
</table>

### Chassis Dimensions (in inches), Weights (in pounds)

<table>
<thead>
<tr>
<th>Wheelbase (WB)</th>
<th>99</th>
<th>111</th>
<th>123</th>
<th>135</th>
<th>153</th>
</tr>
</thead>
<tbody>
<tr>
<td>Over-all length (OAL)</td>
<td>196</td>
<td>200</td>
<td>204</td>
<td>205</td>
<td>274</td>
</tr>
<tr>
<td>Back of cab to c/1 of rear axle (CA)</td>
<td>71½</td>
<td>82½</td>
<td>93½</td>
<td>107½</td>
<td>127½</td>
</tr>
<tr>
<td>C/1 of rear axle to end of frame (AF)</td>
<td>34</td>
<td>55</td>
<td>56</td>
<td>62</td>
<td>68</td>
</tr>
<tr>
<td>Bumper of front axle (BA)</td>
<td>53½</td>
<td>52</td>
<td>53</td>
<td>54</td>
<td>54</td>
</tr>
<tr>
<td>Turning radius with bumper clearance (feet)</td>
<td>22½</td>
<td>24½</td>
<td>26½</td>
<td>28½</td>
<td>32</td>
</tr>
</tbody>
</table>

### Chassis Weights, Including cab, fuel, oil and water

<table>
<thead>
<tr>
<th>Standard Model CO-190 (approximate)</th>
<th>7952</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Other dimensions (with 10.00x20 tires) for all wheelbases: Tread</th>
<th>70½ in.</th>
<th>72 in.</th>
<th>Road clearance</th>
<th>11½ in.</th>
<th>rear axle, 9½ in.</th>
<th>Over-all width</th>
<th>89 in.</th>
<th>Over-all length</th>
<th>18654 in.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Frame</td>
<td>Pressed steel channel, 9½ x 5½ x 3½ in. (9 x 14 x 3½ in. for 99-in. WB).</td>
<td></td>
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</tr>
</tbody>
</table>

### Engine


### Lubrication

- Full-pressure feed to all main, connecting-rod and piston bearings, camshaft and timing gears. Gear-type, gear-driven oil pump. Oil capacity, 9 qt.

### Cooling System


### Ignition

- 6-volt, full-automatic distributor.

### Generation

- 6-volt, 45-ampere, shunt-wound, belt-driven.

### Lights

- Sealed-beam headlights.

### Batteries

- 6-volt, 21-plate.

### Starting Motor

- 6-volt.

### Carburetor

- Downdraft type. Oil-bath type air cleaner.

### Fuel System

- Mechanical fuel pump driven from camshaft. 31-gal. fuel tank. Gasoline filter.

### Clutch

- 12-in., single-plate, with vibration damper.

### Transmission

- Five speeds forward, one reverse. Overdrive in fifth standard; direct in fifth at no extra cost.

### Transmission Reductions

- First, 6.98 to 1; second, 3.57 to 1; third, 1.89 to 1; fourth, 1 to 1; fifth, .825 to 1; reverse, 6.95 to 1.

### Propeller Shaft

- Large-diameter, heavy-steel tubing, 2-piece shafts with self-aligning center bearing. Dynamically balanced.

### Universal Joints

- All-metal, roller-bearing, anti-friction type.

### Front Axle


### Rear Axle

- Full-floating, spiral-bevel type. Hotchkiss-type final drive. Chrome-molybdenum steel axle shafts. Heat-treated, banjo-type steel housing. Differential and wheel bearings are tapered roller. Axle reductions: 5.71 to 1, 6.5 to 1, or 7.166 to 1.

### Two-Speed Rear Axle (Optional)

- Spiral-bevel type; reductions: 5.371 to 1 or 6.30 to 8.866 to 1.

### Steering Gear

- Roller-bearing, cam-and-twin lever type.

### Brakes

- Service—4-wheel hydraulic, internal-expanding, two-shoe, two-cylinder type, with vacuum booster. Hand—Propeller-shaft type, mounted back of transmission.

### Springs

- Front and rear, semi-elliptic. Front, 22 x 3 in.; rear, 36 x 3 in.; semi-elliptic auxiliary springs, 36 x 3 in. Front shock absorbers.

### Wheels

- Cast spoke, malleable iron.

### Standard Tires

- 9.00-20, 10-ply—all models.

### Controls

- Throttle, light, and choke controls on instrument panel. Accelerator, clutch, and service brakes operated by pedals. Control levers located in center of driving compartment.

### Standard Equipment

- IH counterbalanced CO cab; front directional signals; sealed-beam headlights; combination tail and stop lights; air cleaner; auxiliary rear springs; governor; plain type tachometer; tools.

### Special Equipment

- The following will be available at extra cost when specified on orders. Sleeper cab; optional tires; disc-type wheels; 6-volt, 30-ampere generator; two-speed axle with electric shift; five-speed or eight-speed direct in high transmission; inverted L-type frame reinforcement; auxiliary fuel tank; increased cooling; optional springs; optional engines; 12-volt electrical system; over-size front axle; air brakes; semi-trailer connections with breakaway valve; hand control valve; safety fuel tanks.

### IH Counterbalanced CO Cab

- Standard equipment—right-side door lock; floor mat, extension left-side rear-view mirror, dome light; safety glass windows and green-tinted safety glass windshield; individual spring-type driver's seat with foam rubber top and spring type cushion with pad; spring-type passenger seat and cushion; right- and left-side sun visor; dual-type right and left-side electric windshield wipers; and ventilating wings. Optional equipment—fresh air recirculating-type heater and defroster.

### Finish

- Frame and wheels, red. Grille, hood, cab and fenders, a variety of attractive optional colors.

Specifications subject to change without notice.
INTERNATIONAL®

CO-190 SERIES

MAX. GVW, 25,000 LB. • GCW, 50,000 LB.

<table>
<thead>
<tr>
<th>MODEL</th>
<th>GROSS VEHICLE WEIGHT</th>
<th>NOMINAL GROSS CARRYING CAPACITY</th>
<th>GROSS COMBINATION WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>CO-190</td>
<td>21,000 lb.</td>
<td>12,500 lb.</td>
<td>50,000 lb.</td>
</tr>
<tr>
<td>CO-191</td>
<td>23,000 lb.</td>
<td>14,500 lb.</td>
<td>50,000 lb.</td>
</tr>
<tr>
<td>CO-192</td>
<td>25,000 lb.</td>
<td>16,500 lb.</td>
<td>50,000 lb.</td>
</tr>
<tr>
<td>CO-195</td>
<td>24,000 lb.</td>
<td>15,500 lb.</td>
<td>50,000 lb.</td>
</tr>
</tbody>
</table>

Dimensions are shown in inches. The following dimensions are the same for all wheelbases with 10.00 x 20 tires:

- Tread: Front wheels, 70%; rear, 72.
- Road clearance: Front, 11½; rear, 9½.
- Over-all width: Front, 89½; rear, 94½.
- Height to top of frame from ground, loaded: Front, 32½; rear, 34½.

CHASSIS DIMENSIONS

<table>
<thead>
<tr>
<th></th>
<th>BA</th>
<th>AF</th>
<th>CF</th>
<th>OAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wheelbase (WB)</td>
<td>99</td>
<td>111</td>
<td>123</td>
<td>135</td>
</tr>
<tr>
<td>Over-all length with front bumper (OAL)</td>
<td>186½</td>
<td>220½</td>
<td>232½</td>
<td>250½</td>
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<tr>
<td>Back of cab to center line of rear axle (CA)</td>
<td>71½</td>
<td>83½</td>
<td>95½</td>
<td>107½</td>
</tr>
<tr>
<td>C/l of rear axle to end of frame (AF)</td>
<td>34</td>
<td>56</td>
<td>56</td>
<td>62</td>
</tr>
<tr>
<td>Back of cab to end of frame (CF)</td>
<td>105½</td>
<td>139½</td>
<td>151½</td>
<td>169½</td>
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<tr>
<td>Bumper to center line of front axle (BA)</td>
<td>53½</td>
<td>53½</td>
<td>53½</td>
<td>53½</td>
</tr>
<tr>
<td>Turning radius with bumper clearance (ft)</td>
<td>22½</td>
<td>24½</td>
<td>26½</td>
<td>28½</td>
</tr>
<tr>
<td>Weight with cab, fuel, oil, water, standard Model CO-190, approximate (lb.)</td>
<td>7932</td>
<td>8107</td>
<td>8149</td>
<td>8261</td>
</tr>
</tbody>
</table>

STANDARD SPECIFICATIONS

- Axle, Rear: Full-floating, single reduction through spiral bevel gears. Hotchkiss type final drive. Pinion is straddle mounted between roller bearings. Chrome-molybdenum steel axle shafts. Heat-treated, one-piece, tubular banjo type steel housing. Differential and wheel bearings are tapered rollers. Rated capacity, 18,500 lb. Axle reduction, 5.571, 6.5 or 7.166 to 1.
- Brake, Hand: Internal-expanding, drum-type, on propeller shaft.
- Brakes, Service: Hydraulic, self-centering, self-energizing, internal-expanding, with power booster. Individual twin type wheel cylinders. Both primary and secondary shoes equally effective in either forward or reverse direction. Lining area, 487.4 sq. in.
- Cab, Counterbalanced: Equipment includes right side door lock; extension type left side rear-view mirror; safety glass windows and green-tinted safety glass windshield; adjustaible padded spring type driver's seat and back cushion; spring type passenger's seat; right and left side sun visors; dual right and left side electric windshield wipers; dome light; ash tray; floor mat.
- Clutch: 12-in. diameter, single-plate, cushioned-disc type. Coil spring vibration damper.
- Directional Signals: Front.

ALL TRUCK - to save you the BIG money
### INTERNATIONAL TRUCKS

#### CO-190 SERIES

<table>
<thead>
<tr>
<th>Co-190</th>
<th>Co-191</th>
<th>Co-192</th>
<th>Co-195</th>
</tr>
</thead>
<tbody>
<tr>
<td>Max. Gross Vehicle Weight (Lbs.) Standard</td>
<td>21,000</td>
<td>23,000</td>
<td>25,000</td>
</tr>
<tr>
<td>With FA-100 front axle</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>With FA-211 front axle</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Max. Gross Combination Weight (Lbs.), Standard (Highway service)</td>
<td>50,000</td>
<td>50,000</td>
<td>50,000</td>
</tr>
<tr>
<td>Rear Axle Gross (Lbs.)</td>
<td>7,500</td>
<td>7,500</td>
<td>7,500</td>
</tr>
<tr>
<td>Nominal Gross Carrying Capacity: Body, equipment and payload (Lbs.)</td>
<td>12,500</td>
<td>14,500</td>
<td>16,500</td>
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</table>

### Chassis Weights (Approximate)

<table>
<thead>
<tr>
<th></th>
<th>Wheelbase (Inches)</th>
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<tbody>
<tr>
<td>Total</td>
<td>7,932</td>
</tr>
<tr>
<td>Front end</td>
<td>5,466</td>
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<tr>
<td>Rear end</td>
<td>2,466</td>
</tr>
</tbody>
</table>

### Turning Radius (Standard Equipment): (in feet)

<table>
<thead>
<tr>
<th>To center line of tire</th>
<th>20</th>
<th>22 1/4</th>
<th>24 1/4</th>
<th>26 1/4</th>
<th>29 3/4</th>
<th>33 1/4</th>
<th>36</th>
<th>38 1/4</th>
</tr>
</thead>
</table>

### STANDARD EQUIPMENT


04—BRAKE—HAND: Rear of transmission. Total area: 111 sq. in.

05—STEERING: S-26, 20 inch steering wheel.

08—ELECTRICAL: 12 volt with 37 amp. alternator. Dual 6-volt batteries. Rear directional signals.


12—ENGINE: RD-372. Max. H.P.: 165 @ 3,200 R.P.M. Max. Torque: 308 lb./ft. @ 1,600 R.P.M. Engine: RD-406 (Optional CO-195). Max. H.P.: 175 @ 3,200 R.P.M. Max. Torque: 338 lb./ft. @ 1,700 R.P.M.

03—SPRINGS: Heavy duty rear.


05—STEERING: Power.


15—FUEL TANKS: 31 gallon, side mounted.

16—CAB: Regular.

17—WHEELS AND TIRES: Optional tire sizes, tubed or tubeless on cast or disc wheels.

### OPTIONAL EQUIPMENT


02—FRONT AXLE: FA-100, 9,000 lb. capacity. FA-211, 12,000 lb. capacity.

03—SPRINGS: Heavy duty rear.


05—STEERING: Power.


15—FUEL TANKS: 31 gallon, side mounted.

16—CAB: CO sleeper cab. Bostrom driver's seat. Fresh air heater and defroster.

17—WHEELS AND TIRES: Optional tire sizes, tubed or tubeless on cast or disc wheels.

MAXIMUM GROSS VEHICLE WEIGHTS:

<table>
<thead>
<tr>
<th>Configuration</th>
<th>Weight (lbs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard</td>
<td>26,000</td>
</tr>
<tr>
<td>With FA-100 9,000-lb Front Axle</td>
<td>27,500</td>
</tr>
<tr>
<td>With FA-211 12,000-lb Front Axle</td>
<td>30,500</td>
</tr>
</tbody>
</table>

MAXIMUM GROSS COMBINATION WEIGHT: 50,000 lbs.

STANDARD EQUIPMENT

- **CAB** (Continued)
  - Individual passenger seat
  - Tachometer, speedometer, odometer, ammeter, fuel, water temperature, vacuum or air and oil pressure gauges
  - Hand throttle and choke
  - Oil and water can be checked through opening in engine tunnel without tilting cab

- **CLUTCH**
  - 12-inch 15-spring single-plate

- **COOLING SYSTEM**
  - Radiator frontal area: 752 sq. inches

- **ELECTRICAL SYSTEM**
  - 12-volt 37-amp alternator
  - 70 amp-hr, 78-plate battery
  - Cab dome light; cigar lighter
  - Combination stop and tail light
  - Parking lights, single electric horn
  - Front directional signals: double face
  - Five cab marker lights

- **ENGINE**
  - International RD-372 gasoline six
  - Gross BHP: 165 @ 3200 RPM
  - Gross Torque: 308 lb-ft @ 1600 RPM
  - 372 cu. in. displ.; 6.78 to 1 compr. ratio
  - Oil bath air cleaner; full-flow oil filter
  - Horizontal muffler and tailpipe

- **FRAME**
  - Steel channel
  - Section modulus: 10.29
  - 111" thru 203" W.B.: 9 x 3/4 x 1/6; Section modulus: 12.82
  - 173" thru 203" W.B.: 9 x 3/4 x 1/6
  - Inverted L frame reinforcement. Combined sec. modulus: 21.48

- **FUEL TANK**
  - 31-gallon left or right side-mounted

- **STEERING**
  - S-26 steering gear
  - 20-inch safety steering wheel

- **SUSPENSION**
  - Front: 3 x 59 1/4" semi-elliptic steel leaf springs
  - 8,340-lb capacity
  - Shock absorbers
  - Rear: 3 x 56" semi-elliptic steel leaf springs
  - 9,000-lb capacity
  - Combined capacity 23,000 lbs.

- **TRANSMISSION**
  - T-53 5-speed constant-mesh, overdrive
  - Ratios: 6.98, 3.57, 1.89, 1.00, 0.82; 6.95 Rev.

- **WHEELS and TIRES**
  - Single front and dual rear
  - 9.00 x 20, 10-PR tires and tubes
  - Cast spoke wheels, with 7.00T rims

OPTIONAL EQUIPMENT

- **BRAKE, PARKING**
  - Piggy-back parking brake (air chassis)
  - Extra 462 cu. in. air tank to release piggy-back brakes (air chassis)
  - DCM 12 x 5" drum type, Lining area 137.6 sq. inches

- **BRAKES, SERVICE**
  - Hydraulic Brake Chassis
  - Low vacuum warning light
  - Semi-trailer connections with variable hand control valve

- **BRAKE, PARKING**
  - Piggy-back parking brake (air chassis)
  - Extra 462 cu. in. air tank to release piggy-back brakes (air chassis)
  - DCM 12 x 5" drum type, Lining area 137.6 sq. inches

- **CAB**
  - Sleeper cab
  - Bostrom driver's seat
  - Fresh air heater and defroster
  - Right side extension rear view mirror
  - Arm rest, left-side
CO-190

Vehicle illustrated may include Optional Equipment and does not necessarily include all standard equipment.

GROSS VEHICLE WEIGHT RATINGS: (GVWR)

<table>
<thead>
<tr>
<th></th>
<th>STANDARD GVWR</th>
<th>GVWR W/ADVERTISED OPTIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>23,660</td>
<td>27,500</td>
</tr>
<tr>
<td>FRONT AXLE</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Spring</td>
<td>FA-91</td>
<td>FA-100</td>
</tr>
<tr>
<td>Tire</td>
<td>7,500</td>
<td>9,000</td>
</tr>
<tr>
<td></td>
<td>8,340</td>
<td>w/Axle</td>
</tr>
<tr>
<td></td>
<td>9.00 x 20 - 10 PR</td>
<td>10.00 x 20 - 12 PR</td>
</tr>
<tr>
<td>REAR AXLE</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Spring</td>
<td>RA-44</td>
<td>RA-44</td>
</tr>
<tr>
<td>Tire</td>
<td>18,500</td>
<td>18,500</td>
</tr>
<tr>
<td></td>
<td>23,000</td>
<td>Standard</td>
</tr>
<tr>
<td></td>
<td>9.00 x 20 - 10 PR</td>
<td>10.00 x 20 - 12 PR</td>
</tr>
<tr>
<td>RR-GWWR</td>
<td>16,160</td>
<td>18,500</td>
</tr>
</tbody>
</table>

MAXIMUM GROSS COMBINATION WEIGHT ............................................ 50,000 lbs.

* 7.50V Rims

Combinations of optional tires, springs and axles allow a wide range of GVWR selections between the standard and maximum GVWR's shown. See CT-400, Section 30, for library of component ratings and method of calculating specific GVWR's. Where higher GVWR's are required larger components must be specified.

STANDARD EQUIPMENT

CAB (Continued)

Tachometer, speedometer, odometer, ammeter, fuel, water temperature, vacuum or air and oil pressure gauges
Hand throttle and choke
Oil and water can be checked through opening in engine tunnel without tilting cab
Fresh air heater and defroster

CLUTCH

14-inch 15-spring single-plate

COOLING SYSTEM

27-quart capacity Radiator frontal area: 752 sq. inches

Permanent anti-freeze -20°F

ELECTRICAL SYSTEM

12-volt 37-amp alternator
70 amp-hr, 78-plate battery

Gross Torque: 373 Ib-ft @ 1600 RPM

ENGINE

International RD-466 gasoline six

Gross BHP: 193.1 @ 3200 RPM

Gross Torque: 373 lb-ft @ 1600 RPM

Opt oil bath air cleaner; full-flow oil filter

Exhaust emission control

FINISH

Frame, bumper, wheels and fuel tank: black
Cab and fenders: choice of any standard IH color

FRAME

Steel channel
99" W.B.: 9 x \( \frac{1}{2} \) x \( \frac{1}{2} \); Section modulus: 10.29
111" thru 203" W.B.: 9 x \( \frac{3}{4} \) x \( \frac{3}{4} \); Section modulus: 12.82

163" thru 203" W.B.: 9 x \( \frac{3}{4} \) x \( \frac{3}{4} \); invertd L frame reinforcement. Combined sec. modulus: 21.48

FUEL TANK

31-gallon left or right side-mounted

STEERING

S-26 steering gear
20-inch safety steering wheel

SUSPENSION

Front: 3 x 59\( \frac{1}{2} \) semi-elliptic steel leaf springs
8,340 lb capacity
Shock absorbers

Rear: 3 x 56\( \frac{1}{2} \) semi-elliptic steel leaf springs
3 x 36" auxiliary steel leaf springs

Combined capacity 23,000 lbs.

TRANSMISSION

T-53 5-speed constant-mesh, overdrive

Ratios: 6.98, 3.57, 1.89, 1.00, 0.82; 6.95 Rev.

WHEELS and TIRES

Single front and dual rear

9.00 x 20, 10-PR tires and tubes

Cast spoke wheels, with 7.00T rims

OPTIONAL EQUIPMENT

AXLE, FRONT

FA-100 9,000-lb capacity with 9,000-lb springs and S-34 steering gear
FA-211 12,000-lb capacity with 12,520-lb springs, 15 x 3\( \frac{1}{2} \) hydraulic or 16\( \frac{1}{2} \) x 3\( \frac{1}{2} \) air brakes and S-41 steering gear

AXLE, REAR

RA-186 18,500-lb two-speed

Ratios: 4.87/6.65, 5.57/7.60, 6.14/8.38 or 6.50/8.87

RA-192 22,000-lb two-speed

Ratios: 4.87/6.65, 5.57/7.60, 6.14/8.38 or 6.50/8.87

BRAKE, PARKING

Piggy-back parking brake (air chassis)

Extra 462 cu. in. air tank to release piggy-back brakes (air chassis)

DCM 12 x 5" drum type

Lining area 137.6 sq. inches
OPTIONAL EQUIPMENT (Continued)

**COOLING SYSTEM** (Continued)
Automatic radiator shutters

**ELECTRICAL SYSTEM**
- 55- or 62-amp alternator
- Dual 6-volt 150 amp-hr batteries
- Dual electric horns
- Transistorized ignition system

**ENGINE**
RD-450 202.2-BHP Gasoline Six

**FRAME**
- Frame reinforcement: 99" thru 153" W.B.
- Underslung tire carrier (123" W.B. and up)
- Dual electric horns
- Dual 6-volt 150 amp-hr batteries

**FUEL TANKS**
- Two front towing eyes
- 50-gallon safety, right or left side-mounted
- Underslung tire carrier (123" W.B. and up)

**WHEELS and TIRES**
- Optional tire sizes as shown below
- 10-stud disc wheels

**CHASSIS DIMENSIONS and WEIGHTS**

<table>
<thead>
<tr>
<th>WB</th>
<th>Front LBS</th>
<th>Rear LBS</th>
<th>Total LBS</th>
<th>CA**</th>
<th>CF**</th>
<th>AF</th>
<th>OAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>99&quot;</td>
<td>5,465</td>
<td>2,465</td>
<td>7,930</td>
<td>71(\frac{1}{16})&quot;</td>
<td>105(\frac{1}{16})&quot;</td>
<td>34&quot;</td>
<td>187(\frac{1}{2})&quot;</td>
</tr>
<tr>
<td>111&quot;</td>
<td>5,520</td>
<td>2,585</td>
<td>8,105</td>
<td>83(\frac{3}{4})&quot;</td>
<td>119(\frac{1}{16})&quot;</td>
<td>36&quot;</td>
<td>201(\frac{1}{2})&quot;</td>
</tr>
<tr>
<td>123&quot;</td>
<td>5,545</td>
<td>2,605</td>
<td>8,150</td>
<td>95(\frac{1}{16})&quot;</td>
<td>151(\frac{3}{4})&quot;</td>
<td>56&quot;</td>
<td>233(\frac{1}{2})&quot;</td>
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<tr>
<td>135&quot;</td>
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<td>2,665</td>
<td>8,260</td>
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<td>169(\frac{3}{16})&quot;</td>
<td>62&quot;</td>
<td>251(\frac{1}{2})&quot;</td>
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<tr>
<td>153&quot;</td>
<td>5,625</td>
<td>2,695</td>
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<td>193(\frac{1}{16})&quot;</td>
<td>68&quot;</td>
<td>275(\frac{1}{2})&quot;</td>
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<tr>
<td>163&quot;</td>
<td>5,835</td>
<td>2,865</td>
<td>8,700</td>
<td>135(\frac{1}{4})&quot;</td>
<td>221&quot;</td>
<td>85(\frac{1}{2})&quot;</td>
<td>302(\frac{1}{2})&quot;</td>
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<tr>
<td>173&quot;</td>
<td>5,860</td>
<td>2,890</td>
<td>8,750</td>
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<td>241&quot;</td>
<td>95(\frac{3}{4})&quot;</td>
<td>322(\frac{1}{2})&quot;</td>
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<tr>
<td>183&quot;</td>
<td>5,895</td>
<td>2,930</td>
<td>8,825</td>
<td>160(\frac{1}{4})&quot;</td>
<td>264&quot;</td>
<td>103(\frac{1}{2})&quot;</td>
<td>345(\frac{1}{2})&quot;</td>
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<tr>
<td>203&quot;</td>
<td>5,935</td>
<td>2,965</td>
<td>8,900</td>
<td>175(\frac{3}{4})&quot;</td>
<td>289&quot;</td>
<td>113(\frac{1}{2})&quot;</td>
<td>370(\frac{1}{2})&quot;</td>
</tr>
</tbody>
</table>

*With cab, standard equipment, hydraulic brake, oil, fuel and water.
**Reduce by 2\(\frac{3}{4}\)" with sleeper cab.

**TURNING RADIUS**
- To Centerline of Tire: 20 ft. 0 in. to 38 ft. 6 in.
- With Bumper Clearance: 22 ft. 6 in. to 41 ft. 0 in.

**TIRE DIMENSIONS**

<table>
<thead>
<tr>
<th>Tire Size</th>
<th>CAST WHEELS</th>
<th>DISC WHEELS</th>
</tr>
</thead>
<tbody>
<tr>
<td>10.00x20</td>
<td>10.00x20</td>
<td>10.00x20</td>
</tr>
<tr>
<td>10.00x22</td>
<td>10.00x22</td>
<td>10.00x22</td>
</tr>
<tr>
<td>10.00x23</td>
<td>10.00x23</td>
<td>10.00x23</td>
</tr>
</tbody>
</table>

In order that product improvements may be introduced at any time, specifications are subject to change without notice.

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CT-400-K, AD-4306-A9, 1-72.
ORDER AD SPEC. SHEETS ON AD-6313.

Litho in United States of America
Specifications

Gross Vehicle Weight Rating
- Model CO-200: 24,000 lb.
- Model CO-201: 27,000 lb.
- Model CO-202: 29,000 lb.
- Model CO-203: 27,000 lb.
- Model CO-205: 25,000 lb.

Transmission: Five speeds forward, one reverse; overdrive in fifth standard; or drive in fifth. Constant-mesh gears third, fourth, and fifth speeds.

Turning radius: 22itures per wheelbase.

Brakes: Air, 4-wheel, 2 shoes per wheel.

Other dimensions:
- Wheelbase (WB): 99 in.
- Over-all length (OAL): 185 in.
- C/A of rear axle to end of frame (AF): 34 in.
- C/A of front axle to end of frame (CF): 105 in.
- Turning radius with bumper clearance (feet): 22

Chassis Dimensions (in inches), weights (in pounds):

<table>
<thead>
<tr>
<th>Model</th>
<th>Wheelbase (WB)</th>
<th>Over-all length (OAL)</th>
<th>C/A of rear axle to end of frame (AF)</th>
<th>C/A of front axle to end of frame (CF)</th>
<th>Turning radius with bumper clearance (feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td>CO-200</td>
<td>99</td>
<td>185</td>
<td>34</td>
<td>105</td>
<td>22</td>
</tr>
<tr>
<td>CO-201</td>
<td>111</td>
<td>202</td>
<td>56</td>
<td>139</td>
<td>24</td>
</tr>
<tr>
<td>CO-202</td>
<td>123</td>
<td>232</td>
<td>62</td>
<td>151</td>
<td>26</td>
</tr>
<tr>
<td>CO-203</td>
<td>135</td>
<td>250</td>
<td>68</td>
<td>169</td>
<td>28</td>
</tr>
<tr>
<td>CO-205</td>
<td>153</td>
<td>274</td>
<td>53</td>
<td>193</td>
<td>32</td>
</tr>
</tbody>
</table>

Clutch: 14-in., single-plate, with vibration damper.

Lubrication: Full-pressure feed to all main, connecting-rod and piston-pin bearings, camshaft and timing gears. Gear-type, gear-driven oil pump. Oil capacity: 9 qt.

Cooling System: Centrifugal pump circulation, fin-and-tube radiator.


Transmission Reductions: First, 2.571 to 1; second, 3.571 to 1; third, 4.571 to 1; fourth, 6.5 to 1; fifth, 8.866 to 1; reverse, 6.95 to 1.

Universal Joints: All-metal, roller-bearing, anti-friction type.


Rear Axle: Full-floating, spiral-bevel-type. Hotchkiss-type final drive. Chrome-molybdenum steel axle shafts. Heat-treated, bar-type steel housing. Differential and wheel bearings are tapered roller. Axle reductions: 2.571 to 1, 6.5 to 1, or 7.166 to 1.

Two-Speed Axle (optional): Spiral-bevel-type—axle reductions: 3.571 in first, 2.571 in second.


Brakes: Air, 4-wheel, 2 shoes per wheel.

Springs: Front and rear, semi-elliptical. Front, 52 x 3 in.; rear, 56 x 3 in.; semi-elliptical auxiliary springs, 36 x 5 in. Front shock absorbers.

Wheels: Cast spoke, malleable iron.

Standard Tires: 10.00-20, 12-ply—all models.

Controls: Throttle, light, and choke controls on instrument panel. Accelerator, clutch, and service brakes operated by pedals. Control levers located in center of driving compartment.

Special Equipment: IH counterbalanced CO cab; front directional signals; sealed-beam headlight; combination tail and stop lights; air cleaner; auxiliary rear springs; governor; plain-type tachometer; tools.

Finish: Frame and wheels, red. Grille, hood, cab and fenders, a variety of attractive optional colors.

Specifications subject to change without notice.
**INTERNATIONAL®
CO-200 SERIES**
MAX. GVW, 29,000 LB. • GCW, 55,000 LB.

<table>
<thead>
<tr>
<th>MODEL</th>
<th>GROSS VEHICLE WEIGHT RATING</th>
<th>NOMINAL GROSS CARRYING CAPACITY (body, equipment and payload)</th>
<th>GROSS COMBINATION WEIGHT RATING</th>
</tr>
</thead>
<tbody>
<tr>
<td>CO-200</td>
<td>24,000 lb.</td>
<td>15,200 lb.</td>
<td>55,000 lb.</td>
</tr>
<tr>
<td>CO-201</td>
<td>27,000 lb.</td>
<td>18,200 lb.</td>
<td>55,000 lb.</td>
</tr>
<tr>
<td>CO-202</td>
<td>29,000 lb.</td>
<td>20,200 lb.</td>
<td>55,000 lb.</td>
</tr>
<tr>
<td>CO-205</td>
<td>27,000 lb.</td>
<td>18,200 lb.</td>
<td>55,000 lb.</td>
</tr>
</tbody>
</table>

Dimensions are shown in inches. The following dimensions are the same for all wheelbases with 10.00 x 20 tires:


**Axle, Rear:** Full-floating, single-reduction through spiral bevel gear. Hotchkiss type final drive. Pinion is straddle mounted between roller bearings. Chrome-molybdenum steel axle shafts. Heat-treated, one-piece, tubular banjo type steel housing. Differential and wheel bearings are tapered rollers. Rated capacity, 22,000 lb. Axle reduction, 9.571, 6.5 or 7.166 to 1.

**Brake, Hand:** Internal-expanding, drum-type, on propeller shaft.

**Brakes, Service:** Air (required option). Two shoes per wheel, double-anchored. Total lining area, 561,6 sq.in. 1 3/4-ft. air compressor, large-capacity air reservoir, treadle-operated relay and release valves, slack adjusters.

**Cab, Counterbalanced:** Equipment includes right side door lock; extension type left side rear-view mirror, safety glass windows and green-tinted safety glass windshield; adjustable padded spring type driver's seat and back cushion; spring type passenger's seat; right and left side sun visors; dual right and left side electric windshield wipers; dome light; ash tray; floor mat.

**Clutch:** 14-in. diameter, single-plate, cushioned-disc. Coil spring vibration damper.

**Cooling System:** Centrifugal pump circulation, V-belt drive. Fin-and-tube radiator. Capsule type thermostat. Total capacity, 39.4 qt.

**Electrical System:** 6-volt. Full-automatic distributor. 21-plate battery, 150-amp.-hr. capacity at 20-hr. rate. 45-amp. generator. Sealed-beam headlights. Edge-lighted instruments. Starting motor.

**Engine:** International Red Diamond 406, six-cylinder, valve-in-head type. Bore, 4 3/4 in.; stroke, 4 1/2 in.; displacement, 406 cu. in.; compression ratio, 6.5 to 1. Maximum brake horsepower, 175 at 3200 r.p.m.; maximum torque, 388 lb.-ft. at 1700 r.p.m. Seven steel-backed, replaceable-shell, precision type main bearings; total projected area, 34.706 sq. in. Six replaceable-shell, precision type connecting rod bearings. Stellite-faced, sodium-cooled, slo-roto exhaust valves. Exhaust valve seat inserts. Replaceable cylinder liners. (See Optional Equipment for minimum requirement engine for Model CO-205.)

ALL TRUCK - to save you the BIG money
### INTERNATIONAL TRUCKS

**CO-200 SERIES**

<table>
<thead>
<tr>
<th>Ratings</th>
<th>CO-200</th>
<th>CO-201</th>
<th>C-202</th>
<th>CO-205</th>
</tr>
</thead>
<tbody>
<tr>
<td>Max. Gross Vehicle Weight (Lbs.), Standard</td>
<td>24,000</td>
<td>27,000</td>
<td>29,000</td>
<td>27,000</td>
</tr>
<tr>
<td>With FA-100 front axle</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>With FA-211 front axle</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>Max. Gross Combination Weight (Lbs.), Standard (Highway service)</td>
<td>55,000</td>
<td>55,000</td>
<td>55,000</td>
<td>55,000</td>
</tr>
<tr>
<td>Front Axle Gross (Lbs.)</td>
<td>7,500</td>
<td>7,500</td>
<td>7,500</td>
<td>7,500</td>
</tr>
<tr>
<td>Rear Axle Gross (Lbs.)</td>
<td>23,000</td>
<td>23,000</td>
<td>23,000</td>
<td>23,000</td>
</tr>
<tr>
<td>Nominal Gross Carrying Capacity: Body, equipment and payload (Lbs.)</td>
<td>16,200</td>
<td>19,200</td>
<td>21,200</td>
<td>19,200</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Chassis Weights (Approximate) in pounds, with cab, standard tires, oil, fuel and water.</th>
<th>Wheelbase (Inches)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total</td>
<td>8,577</td>
</tr>
<tr>
<td>Front</td>
<td>5,436</td>
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<tr>
<td>Rear</td>
<td>3,141</td>
</tr>
<tr>
<td></td>
<td>111</td>
</tr>
<tr>
<td></td>
<td>8,681</td>
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<tr>
<td></td>
<td>5,515</td>
</tr>
<tr>
<td></td>
<td>3,166</td>
</tr>
<tr>
<td></td>
<td>123</td>
</tr>
<tr>
<td></td>
<td>8,759</td>
</tr>
<tr>
<td></td>
<td>5,611</td>
</tr>
<tr>
<td></td>
<td>3,148</td>
</tr>
<tr>
<td></td>
<td>135</td>
</tr>
<tr>
<td></td>
<td>8,801</td>
</tr>
<tr>
<td></td>
<td>5,675</td>
</tr>
<tr>
<td></td>
<td>3,126</td>
</tr>
<tr>
<td></td>
<td>153</td>
</tr>
<tr>
<td></td>
<td>8,861</td>
</tr>
<tr>
<td></td>
<td>5,752</td>
</tr>
<tr>
<td></td>
<td>3,109</td>
</tr>
</tbody>
</table>

| Torsion Radius (with standard equipment)                                            | 20 ft.            |
|                                                                                       | 22½ ft.           |
|                                                                                       | 22¼ ft.           |
|                                                                                       | 24½ ft.           |
|                                                                                       | 26½ ft.           |
|                                                                                       | 28½ ft.           |
|                                                                                       | 30 ft.            |

### STANDARD EQUIPMENT

| FRAME: Steel channel. 39-inch W.B., 9 x 3½ x ¼ inches. Section Modulus: 10.20. |
| Other W.B., 9½ x 3½ x ¼ inches. Section Modulus: 12.60. |


| SPRINGS: |
| Front: 60 x 3 inches. |
| Rear: 56 x 3 inches. |
| Aux.: 36 x 3 inches. |
| Front shock absorbers. |

| BRAKES—SERVICE: Air. Front: 16 x 2½ inches. Rear: 16½ x 6 inches. Total area: 561.5 sq. in. |

| BRAKE—HAND: Rear of transmission. Total area: 111 sq. in. |

| STEERING: S-26, 20 inch steering wheel. |

| ELECTRICAL: |
| 12 volt, 37-amp. alternator. |
| 12 volt, 70-amp.-hr. battery. Front direction signals. |

| CLUTCH: |
| 14-inch, 15 spring, single plate. |

| ENGINE: RD-406. Max. H.P.: 175 @ 3,200 R.P.M. |
| Max. Torque: 338 lb-ft. @ 1,700 R.P.M. |

| ENGINE: RD-450 (Optional CO-205). Max. H.P.: 182 @ 3,000 R.P.M. |
| Max. Torque: 388 lb-ft. @ 1,600 R.P.M. |


| Ratio: 5:375, 6:142, 6:571, 7:166. |

| FUEL TANK: 31 gallon, left or right side mounted. |

| CAB: Regular. |

| WHEELS AND TIRES: 10.00 x 20, 12-ply, 7.00 T rims, cast wheels. |

### OPTIONAL EQUIPMENT


| FRONT AXLE: FA-100, 9,000 lb. capacity. FA-211, 12,000 lb. capacity. |

| SPRINGS: Heavy duty rear. |

| BRAKES: |

| STEERING: Power. |


| clutch: H.D. 14-inch, 15 spring, with ferramic facing. |

| ENGINE: 450, 501, L.P.G. |
| RD-450, gasoline. Increased capacity cooling. Road speed governor. Automatic radiator shutter. 2 qt. auxiliary oil filter. |

| Transmission oil filter. |

| REAR AXLE: |

| FUEL TANKS: |
| 50 gallon left or right IH safety. 50 gallon dual IH safety. 66 gallon left or right, side mounted. |

| CAB: Sleeper. Bostrom driver's seat. Fresh air heater and defroster. |

| WHEELS AND TIRES: Optional tire sizes, tubed or tubeless on cast or disc wheels. |
MAXIMUM GROSS VEHICLE WEIGHTS:
- Standard: 30,500 lbs.
- With FA-100 9,000-lb Front Axle: 32,000 lbs.
- With FA-211 12,000-lb Front Axle: 35,000 lbs.

MAXIMUM GROSS COMBINATION WEIGHT: 58,000 lbs.

FRONT AXLE:
- 17,500-lb capacity treated forged steel I-beam

REAR AXLE:
- 23,000-lb capacity single-reduction, 16" ring gear; 16 1/4" x 7" brakes

STANDARD EQUIPMENT:
- Dual air-operated windshield wipers
- Oil and water can be checked through opening in engine tunnel without tilting cab
- 14-inch 15 spring single plate
- 27-quart capacity radiator
- 12-volt 37-amp alternator
- 160 cu. ft. compressor
- 561.7 sq. inches
- 1,790 cu. in. air reservoir
- 12"-4 drum type, at rear of trans.
- 99" W.B.: 9 x 3 1/2 x 1/4" inverted "L" frame reinforcement
- Combined section modulus: 21.48
- Steel channel frame, bumper, wheels and fuel tank: black
- Cab and fenders: choice of any standard IH color

OPTIONAL EQUIPMENT:
- RA-157 23,000-lb two-speed, with 17" ring gear and 16 1/2" x 7" brakes, 4.33/5.89, 4.87/6.63 or 5.43/7.39, 6.14/8.36 or 6.71/9.14
- RA-252 23,000-lb double-reduction with 16" ring gear and 16 1/2" x 7" brakes, 5.89, 6.65, 7.60, 8.38 or 8.86
- 6.98, 3.57, 1.89, 1.00, 0.82; 6.95 Rev.
- 4.33/5.89, 4.87/6.63 or 5.43/7.39, 6.14/8.36 or 6.71/9.14
- 5.89, 6.65, 7.60, 8.38 or 8.86
- 14" x 5" drum type, lining area 137.6 sq. inches
- Extra 462 cu. in air tank to release piggy-back brakes
- Piggy-back parking brakes

ILLUSTRATION MAY INCLUDE OPTIONAL EQUIPMENT

CLUTCH:
- 14-inch 15-spring with heavy-duty lining

FUEL TANK:
- Single front and dual rear 10.00 x 20 12-PR tires and tubes
- Cast steel spoke wheels, with 7.00T rims
GROSS VEHICLE WEIGHT RATINGS: (GVWR)

<table>
<thead>
<tr>
<th></th>
<th>STANDARD GVWR</th>
<th>GVWR</th>
<th>W/ADVERTISED OPTIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>FRONT AXLE</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Spring</td>
<td>9,000</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tire</td>
<td>9,000</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FA-100</td>
<td>28,040</td>
<td>29,760</td>
<td></td>
</tr>
<tr>
<td></td>
<td>12,000-lb capacity</td>
<td>23,000-lb single-reduction</td>
<td></td>
</tr>
<tr>
<td>RATIOS:</td>
<td>4.10, 4.44, 4.78, 5.37, 6.14</td>
<td></td>
<td></td>
</tr>
<tr>
<td>REAR AXLE</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Spring</td>
<td>9,000</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tire</td>
<td>9,000</td>
<td></td>
<td></td>
</tr>
<tr>
<td>RA-47</td>
<td>22,000</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>20,760</td>
<td>21,720</td>
<td></td>
</tr>
<tr>
<td></td>
<td>9,000</td>
<td></td>
<td></td>
</tr>
<tr>
<td>RATIOS:</td>
<td>7.60, 8.38 or 8.86</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CAB (Continued)</td>
<td>Oil and water can be checked through opening in engine tunnel without tilting cab</td>
<td>Fresh air heater and defroster</td>
<td></td>
</tr>
<tr>
<td></td>
<td>CLUTCH</td>
<td>14-inch 15-spring single plate</td>
<td></td>
</tr>
<tr>
<td></td>
<td>COOLING SYSTEM</td>
<td>27-quart capacity; Radiator frontal area: 752 sq. inches; Permanent type anti-freeze — 20°F</td>
<td></td>
</tr>
<tr>
<td></td>
<td>ELECTRICAL SYSTEM</td>
<td>12-volt 37-amp alternator; 70 amp-hr, 78-plate battery; 20-inch safety steering wheel</td>
<td></td>
</tr>
<tr>
<td></td>
<td>ENGINE</td>
<td>International RD-406 gasoline six; Gross BHP: 193.1 @ 3200 rpm; Gross Torque: 373 lb-ft @ 1600 rpm</td>
<td></td>
</tr>
</tbody>
</table>

FINISH
Frame, bumper, wheels and fuel tank: black Cab and fenders: choice of any standard IH color

FRAME
Steel channel 99" W.B.: 9 x 3½ x 1/4" Section modulus: 10.29 111" thru 203" W.B.: 9½ x 3½ x 1/4"; Section modulus: 12.82 163" thru 203" W.B.: 9½ x 3½ x 1/4" inverted "L" frame reinforcement; Combined section modulus: 21.48

FUEL TANK
31-gallon left or right side-mounted

STEERING
S-34 steering gear 20-inch safety steering wheel

SUSPENSION
Front: 3 x 59⅛" semi-elliptic steel leaf springs Capacity: 9,000 lbs. Shock absorbers Rear: 3 x 56" semi-elliptic steel leaf springs 3 x 36" auxiliary steel leaf springs Combined capacity: 22,000 lbs.

TRANSMISSION
T-53 five-speed constant-mesh, overdrive Ratios: 6.98, 3.57, 1.89, 1.00, 0.82; 6.95 Rev.

WHEELS and TIRES
Single front and dual rear 10.00 x 20 12-PR tires and tubes Cast steel spoke wheels, with 7.00T rims

OPTIONAL EQUIPMENT
AXLE, REAR (Continued) RA-192 22,000-lb two-speed, with 16½ x 7" brakes Ratios: 4.33/5.89, 4.87/6.65, 5.57/7.60, 6.14/8.38, 6.50/8.87 or 7.17/9.77 RA-197 23,000-lb two-speed, with 16½ x 7" brakes Ratios: 4.33/5.89, 4.87/6.65, 5.57/7.60, 6.14/8.38, 6.50/8.87 or 7.17/9.77


AXLE, REAR (Continued) RA-57 23,000-lb single-reduction with 16½ x 7" brakes Ratios: 4.10, 4.44, 4.78, 5.37, 6.14, 6.57 or 7.17

AXLE, REAR 11,000-lb capacity with 12,520-lb springs, 16½ x 3½" brakes and S-41 steering gear

AXLE, REAR RA-47 22,000-lb capacity Hypoid-gear single reduction One-piece forged steel housing Full floating induction-hardened shafts Ratios: 4.10, 4.44, 4.78, 5.37, 6.14, 6.57, 7.17 or 8.17

BRAKE, PARKING
DCM 12 x 5" drum type

BRAKES, SERVICE
One-piece forged steel housing

BRAKES, PARKING
Full floating, induction-hardened shafts Heat-treated forged steel I-beam

COOLING SYSTEM
Fresh air heater and defroster

ELECTRICAL SYSTEM
Amber side reflectors

ENGINE
Exhaust emission control

STEERING
Horizontal muffler and tail pipe

WHEELS and TIRES
Combined section modulus: 21.48

Vehicle illustrated may include Optional Equipment and does not necessarily include all standard equipment.
**OPTIONAL EQUIPMENT**

(Continued)

- Increased capacity cooling
- Automatic radiator shutters

**ELECTRICAL SYSTEM**
- 55- or 62-amp alternator
- Dual 6-volt 150 amp-hr batteries
- Dual electric hoses
- Transistorized ignition system

**ENGINE**
- RD-450 202.0-BHP gasoline six

**FRAME**
- 99" thru 153" W.B.
- Underslung tire carrier (123" WB and up)
- Break-away and hand control valve

**FUEL TANKS**
- 50-gallon safety, right or left side-mounted
- 66-gallon safety, right or left side-mounted

**FRAME**
- 99" thru 153" W.B.
- 55- or 62-amp alternator
- Electric in-tank fuel pumps
- Automatic radiator shutters

**SUSPENSION**
- 28,180-lb capacity rear springs with aux.
- Air Bag

**TRANSMISSION**
- T-54 5-speed, direct
- T-404 5-speed, overdrive
- T-448 10-speed RT-610 Roadranger
- MT-Series 6-speed automatic
- Transmission oil filter

**WHEELS and TIRES**
- Optional tire sizes as shown below
- 10-stud disc wheels

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**DIMENSIONS AND WEIGHTS**

---

**CHASSIS DIMENSIONS and WEIGHTS**

---

<table>
<thead>
<tr>
<th>WB</th>
<th>Front</th>
<th>Rear</th>
<th>Total</th>
<th>CA**</th>
<th>CF**</th>
<th>AF</th>
<th>OAL</th>
<th>To Centerline of Tire</th>
<th>With Bumper Clearance</th>
</tr>
</thead>
<tbody>
<tr>
<td>99&quot;</td>
<td>5,435</td>
<td>3,140</td>
<td>8,575</td>
<td>71&quot;</td>
<td>105&quot;</td>
<td>34&quot;</td>
<td>187&quot;</td>
<td>20 ft. 0 in.</td>
<td>22 ft. 6 in.</td>
</tr>
<tr>
<td>111&quot;</td>
<td>5,515</td>
<td>3,165</td>
<td>8,680</td>
<td>83&quot;</td>
<td>119&quot;</td>
<td>36&quot;</td>
<td>201&quot;</td>
<td>22 ft. 6 in.</td>
<td>24 ft. 6 in.</td>
</tr>
<tr>
<td>123&quot;</td>
<td>5,610</td>
<td>3,150</td>
<td>8,760</td>
<td>95&quot;</td>
<td>151&quot;</td>
<td>56&quot;</td>
<td>233&quot;</td>
<td>24 ft. 6 in.</td>
<td>26 ft. 6 in.</td>
</tr>
<tr>
<td>135&quot;</td>
<td>5,675</td>
<td>3,125</td>
<td>8,800</td>
<td>107&quot;</td>
<td>169&quot;</td>
<td>62&quot;</td>
<td>251&quot;</td>
<td>26 ft. 6 in.</td>
<td>28 ft. 6 in.</td>
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<tr>
<td>153&quot;</td>
<td>5,750</td>
<td>3,110</td>
<td>8,860</td>
<td>125&quot;</td>
<td>193&quot;</td>
<td>68&quot;</td>
<td>275&quot;</td>
<td>29 ft. 6 in.</td>
<td>32 ft. 0 in.</td>
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<tr>
<td>163&quot;</td>
<td>6,100</td>
<td>3,460</td>
<td>9,560</td>
<td>135&quot;</td>
<td>221&quot;</td>
<td>85&quot;</td>
<td>302&quot;</td>
<td>31 ft. 3 in.</td>
<td>33 ft. 9 in.</td>
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<tr>
<td>173&quot;</td>
<td>6,140</td>
<td>3,500</td>
<td>9,640</td>
<td>145&quot;</td>
<td>241&quot;</td>
<td>95&quot;</td>
<td>322&quot;</td>
<td>33 ft. 4 in.</td>
<td>35 ft. 9 in.</td>
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<tr>
<td>188&quot;</td>
<td>6,200</td>
<td>3,560</td>
<td>9,760</td>
<td>160&quot;</td>
<td>264&quot;</td>
<td>103&quot;</td>
<td>345&quot;</td>
<td>36 ft. 0 in.</td>
<td>38 ft. 6 in.</td>
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<tr>
<td>203&quot;</td>
<td>6,265</td>
<td>3,630</td>
<td>9,895</td>
<td>175&quot;</td>
<td>289&quot;</td>
<td>113&quot;</td>
<td>370&quot;</td>
<td>38 ft. 6 in.</td>
<td>41 ft. 0 in.</td>
</tr>
</tbody>
</table>

*With cab, standard equipn, oil, fuel and water.
**Reduce by 2% with sleeper cab.

---

**TIRE DIMENSIONS**

---

<table>
<thead>
<tr>
<th>Tire Size</th>
<th>CAST WHEELS</th>
<th>DISC WHEELS</th>
</tr>
</thead>
<tbody>
<tr>
<td>10.00 x 20</td>
<td>10.00 x 20</td>
<td>10.00 x 20</td>
</tr>
<tr>
<td>Rim Size</td>
<td>7.00 T</td>
<td>7.50 V</td>
</tr>
<tr>
<td>Outside width OW</td>
<td>94&quot;</td>
<td>95&quot;</td>
</tr>
<tr>
<td>Tread TW</td>
<td>72&quot;</td>
<td>72&quot;</td>
</tr>
<tr>
<td>Inside width IW</td>
<td>49&quot;</td>
<td>48&quot;</td>
</tr>
<tr>
<td>Chain clearance</td>
<td>2%</td>
<td>2%</td>
</tr>
<tr>
<td>Front Tread</td>
<td>68%</td>
<td>69%</td>
</tr>
</tbody>
</table>

In order that product improvements may be introduced at any time, specifications are subject to change without notice.
**Gross Vehicle Weight Rating**

<table>
<thead>
<tr>
<th>Model</th>
<th>Weight (lb)</th>
</tr>
</thead>
<tbody>
<tr>
<td>CO-220</td>
<td>26,000</td>
</tr>
<tr>
<td>CO-221</td>
<td>28,000</td>
</tr>
<tr>
<td>CO-222</td>
<td>30,000</td>
</tr>
<tr>
<td>CO-225</td>
<td>30,000</td>
</tr>
</tbody>
</table>

**Gross Combination Weight Rating**

<table>
<thead>
<tr>
<th>Model</th>
<th>Weight (lb)</th>
</tr>
</thead>
<tbody>
<tr>
<td>CO-220</td>
<td>65,000</td>
</tr>
<tr>
<td>CO-221</td>
<td>7,500</td>
</tr>
<tr>
<td>CO-222</td>
<td>25,000</td>
</tr>
</tbody>
</table>

**Front Axle Gross**

<table>
<thead>
<tr>
<th>Model</th>
<th>Weight (lb)</th>
</tr>
</thead>
<tbody>
<tr>
<td>CO-220</td>
<td>65,000</td>
</tr>
<tr>
<td>CO-221</td>
<td>7,500</td>
</tr>
<tr>
<td>CO-222</td>
<td>25,000</td>
</tr>
</tbody>
</table>

**Transmission (Standard):**

- Five speeds forward, one reverse, direct in fifth. Reductions: First, 8.08 to 1; second, 4.67 to 1; third, 2.62 to 1; fourth, 1.38 to 1; fifth, 1.00 to 1; reverse, 8.12 to 1.

**Transmission (Optional):**

- Eight speeds forward, two reverse, direct in eighth. Reductions: First, 9.78 to 1; second, 6.08 to 1; third, 4.99 to 1; fourth, 3.68 to 1; fifth, 2.65 to 1; sixth, 1.90 to 1; seventh, 1.56 to 1; eighth, 1.00 to 1; reverse, 11.01 to 1 and 2.99 to 1.

**Propeller Shaft:** Large-diameter, heavy-steel tubing. 2-piece shafts with self-aligning center bearing. Dynamically balanced.

**Chassis Dimensions (in inches), Weights (in pounds):**

<table>
<thead>
<tr>
<th>Wheelbase (WB)</th>
<th>Over-all length (OAL)</th>
<th>Back of cab to end of frame (AF)</th>
<th>C/l of rear axle to end of frame (CF)</th>
<th>Bumper to center of front axle (BA)</th>
<th>Turning radius with bumper clearance (feet)</th>
<th>Chassis weights, including cab, fuel, oil and water, standard Model CO-220 (approximate)</th>
</tr>
</thead>
<tbody>
<tr>
<td>99</td>
<td>219/4</td>
<td>54</td>
<td>103/4</td>
<td>53/4</td>
<td>22/4</td>
<td>8946</td>
</tr>
<tr>
<td>111</td>
<td>220/4</td>
<td>56</td>
<td>104/4</td>
<td>53/4</td>
<td>24/4</td>
<td>9026</td>
</tr>
<tr>
<td>123</td>
<td>222/4</td>
<td>56</td>
<td>105/4</td>
<td>53/4</td>
<td>24/4</td>
<td>9182</td>
</tr>
<tr>
<td>135</td>
<td>223/4</td>
<td>56</td>
<td>106/4</td>
<td>53/4</td>
<td>24/4</td>
<td>9254</td>
</tr>
<tr>
<td>153</td>
<td>224/4</td>
<td>56</td>
<td>107/4</td>
<td>53/4</td>
<td>24/4</td>
<td>9324</td>
</tr>
</tbody>
</table>

**Frame:***

- Pressed steel channel, red. Grille, hood, cab and fenders, a variety of attractive optional colors.

**Weights (in inches):**

- Of attractive optional colors.

**Axle:***

- Full-floating, hypoid-bevel type. Hotchkiss-type final drive. Forged steel, banjo-type housing. Differential and wheel bearings are tapered rollers. Axle reductions: 5.28 to 1; 6.83 to 1 or 7.40 to 1.

**Two-Speed Rear Axles (Optional):** Hypoid-bevel type; reductions: 6.42-8.38 to 1. Spiral-bevel type; reductions: 5.43-7.39 to 1 or 6.71-9.138 to 1.

**Gear Ratio (Optional):**

- Roller-bearing, cam-and-twin-lever type.

**Brakes:***

- Service—Air, 4-wheel, two shoes per wheel, double-anchored; treadle-operated application valves; slack adjusters. Hand—propeller-shaft type, mounted back of transmission.

**Recommended Tires:**

- 10.00-20, 12-ply—all models.
- 11.00-20, 12-ply, Model CO-220; 11.00-22, 12-ply, Models CO-222 and CO-225.

**Engine:***


**Lubrication:**

- Full-pressure feed to all main, connecting-rod and piston-pin bearings, camshaft and timing gears. Gear-type, gear-driven oil pump. Oil capacity, 9 qt.

**Cooling System:**


**Brakes:**

- Service—Air, 4-wheel, two shoes per wheel, double-anchored; treadle-operated application valves; slack adjusters. Hand—propeller-shaft type, mounted back of transmission.

**Recommended Tires:**

- 10.00-20, 12-ply—all models.
- 11.00-20, 12-ply, Model CO-220; 11.00-22, 12-ply, Models CO-222 and CO-225.

**Turn Signal:**

- With raised cab; optional tires; disc-type wheels.

**Special Equipment:**

- The following will be available at extra cost when specified on order: Sleeper cab; optional tires; disc-type wheels; Accelerator, clutch, and service brakes operated by pedals. Control levers located in center of driving compartment.

**Special Equipment:**

- IH Counterbalanced CO Cab: Standard equipment—right-side door window, left-side door window, rear view mirror, electric wipers, sealed-beam headlights.

**Special Equipment:**

- The following will be available at extra cost when specified on order: Sleeper cab; optional tires; disc-type wheels; Accelerator, clutch, and service brakes operated by pedals. Control levers located in center of driving compartment.

**IH Counterbalanced CO Cab:**

- Standard equipment—right-side door window, left-side door window, rear view mirror, electric wipers, sealed-beam headlights.

**Special Equipment:**

- The following will be available at extra cost when specified on order: Sleeper cab; optional tires; disc-type wheels; Accelerator, clutch, and service brakes operated by pedals. Control levers located in center of driving compartment.

**Finish:**

- Frame and wheels, red. Grille, hood, cab and fenders, a variety of attractive optional colors.

**Specifications:**

- Specifications subject to change without notice.
**INTERNATIONAL CO-220 SERIES**

**MAX. GVW, 30,000 LB. • GCW, 65,000 LB.**

<table>
<thead>
<tr>
<th>Model</th>
<th>Gross Vehicle Weight Rating</th>
<th>Nominal Gross Carrying Capacity (body, equipment and payload)</th>
<th>Gross Combination Weight Rating</th>
</tr>
</thead>
<tbody>
<tr>
<td>CO-220</td>
<td>26,000 lb.</td>
<td>15,500 lb.</td>
<td>65,000 lb.</td>
</tr>
<tr>
<td>CO-221</td>
<td>28,000 lb.</td>
<td>18,500 lb.</td>
<td>65,000 lb.</td>
</tr>
<tr>
<td>CO-222</td>
<td>30,000 lb.</td>
<td>20,500 lb.</td>
<td>65,000 lb.</td>
</tr>
<tr>
<td>CO-225</td>
<td>30,000 lb.</td>
<td>20,500 lb.</td>
<td>65,000 lb.</td>
</tr>
</tbody>
</table>

**CHASSIS DIMENSIONS**

Dimensions are shown in inches. The following dimensions are the same for all wheelbases with 10.00 x 20 tires:

- **Tread:** Front wheels, 70\(\frac{3}{4}\); rear, 72.
- **Road clearance:** Front, 11\(\frac{1}{4}\); rear, 9\(\frac{1}{4}\).
- **Over-all width:** Front, 89\(\frac{3}{4}\); rear, 94\(\frac{3}{4}\).
- **Height to top of frame from ground, loaded:** Front, 32\(\frac{3}{4}\); rear, 33\(\frac{1}{4}\).

**WHEELBASE (WB):** 99, 111, 123, 135, 153

**OVER-ALL LENGTH INCL. BUMPER (OAL):** 186\(\frac{1}{2}\), 220\(\frac{1}{2}\), 232\(\frac{1}{2}\), 250\(\frac{1}{2}\), 274\(\frac{1}{2}\)

**BACK OF CAB TO C/1 OF REAR AXLE (CA):** 71\(\frac{1}{2}\), 83\(\frac{1}{2}\), 95\(\frac{1}{2}\), 107\(\frac{1}{2}\), 125\(\frac{1}{2}\)

**C/1 OF REAR AXLE TO END OF FRAME (AF):** 34, 56, 56, 62, 68

**BACK OF CAB TO END OF FRAME (CF):** 105\(\frac{1}{2}\), 139\(\frac{1}{2}\), 151\(\frac{1}{2}\), 169\(\frac{1}{2}\), 193\(\frac{1}{2}\)

**BUMPER TO C/1 OF FRONT AXLE (BA):** 53\(\frac{1}{2}\), 53\(\frac{1}{2}\), 53\(\frac{1}{2}\), 53\(\frac{1}{2}\), 53\(\frac{1}{2}\)

**TURNING RADIUS INCL. BUMPER (FT.):** 22\(\frac{1}{2}\), 24\(\frac{1}{2}\), 26\(\frac{1}{2}\), 28\(\frac{1}{2}\), 32

**Weight w/cab, fuel, oil, water, standard Model CO-220, approximate (lb.)**

- 8904
- 9079
- 9121
- 9233
- 9291

**STANDARD SPECIFICATIONS**


- **Axle, Rear:** Full-floating, single reduction through spiral bevel gear. Hotchkiss type final drive. Pinion is straddle mounted between roller bearings. Chrome-molybdenum steel axle shafts. Heat-treated, one-piece, tubular banjo type steel housing. Differential and wheel bearings are tapered rollers. Rated capacity, 22,000 lb. Axle reduction, 5.43 or 6.66 to 1.

- **Brake, Hand:** Internal expanding drum type on propeller shaft.

- **Brakes, Service:** Air, two shoes per wheel, double-anchored. Total lining area, 625.8 sq. in. 7\(\frac{1}{4}\)-ft. air compressor, large capacity air reservoir, treadle-operated relay and release valves, slack adjusters.

- **Cab, Counterbalanced:** Equipment includes right side door lock; extension type left side rear-view mirror; safety glass windows and green-tinted safety glass windshield; adjustable padded spring type driver's seat and back cushion; spring type passenger's seat; right and left side sun visors; dual right and left side electric windshield wipers; dome light; ash tray; floor mat.

- **Clutch:** 14-in. diameter, single plate. Coil spring vibration damper.

- **Cooling System:** Centrifugal pump circulation, V-belt drive. Fin and tube radiator. Capsule type thermostat. Total capacity, 28 qt.

- **Directional Signals:** Type A, front.


- **Engine:** International Royal Red Diamond 51/2, six-cylinder, valve-in-head type. Bore, 4\(\frac{1}{2}\) in.; stroke, 5\(\frac{1}{4}\)
INTERNATIONAL TRUCKS

CO-220 SERIES

Ratings:
Max. Gross Vehicle Weight (Lbs.), Standard
With FA-100 front axle
With FA-211 front axle
Max. Gross Combination Weight (Lbs.), Standard
Front Axle Gross (Lbs.)
Rear Axle Gross (Lbs.)
Nominal Gross Carrying Capacity: Body, equipment and payload (Lbs.)

<table>
<thead>
<tr>
<th>CO-220</th>
<th>CO-221</th>
<th>CO-222</th>
<th>CO-225</th>
</tr>
</thead>
<tbody>
<tr>
<td>26,000</td>
<td>28,000</td>
<td>30,000</td>
<td>30,000</td>
</tr>
<tr>
<td>65,000</td>
<td>65,000</td>
<td>65,000</td>
<td>65,000</td>
</tr>
<tr>
<td>7,500</td>
<td>7,500</td>
<td>7,500</td>
<td>7,500</td>
</tr>
<tr>
<td>23,000</td>
<td>23,000</td>
<td>23,000</td>
<td>23,000</td>
</tr>
<tr>
<td>16,500</td>
<td>18,500</td>
<td>20,500</td>
<td>20,500</td>
</tr>
</tbody>
</table>

Wheelbase (Inches)

<table>
<thead>
<tr>
<th>99</th>
<th>111</th>
<th>123</th>
<th>135</th>
<th>153</th>
<th>173</th>
<th>188</th>
<th>203</th>
</tr>
</thead>
<tbody>
<tr>
<td>8,904</td>
<td>9,079</td>
<td>9,121</td>
<td>9,200</td>
<td>9,291</td>
<td>9,450</td>
<td>9,590</td>
<td>9,570</td>
</tr>
<tr>
<td>5,856</td>
<td>5,912</td>
<td>5,933</td>
<td>5,964</td>
<td>6,013</td>
<td>6,086</td>
<td>6,126</td>
<td></td>
</tr>
<tr>
<td>3,048</td>
<td>3,167</td>
<td>3,188</td>
<td>3,249</td>
<td>3,278</td>
<td>3,319</td>
<td>3,364</td>
<td>3,444</td>
</tr>
</tbody>
</table>

Turning Radius (Standard Equipment)

<table>
<thead>
<tr>
<th>Tractor line of tire</th>
<th>20 ft.</th>
<th>22¼ ft.</th>
<th>24½ ft.</th>
<th>26½ ft.</th>
<th>29¾ ft.</th>
<th>33½ ft.</th>
<th>36 ft.</th>
<th>38½ ft.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>22½ ft</td>
<td>24¾ ft</td>
<td>27 ft.</td>
<td>29 ft.</td>
<td>32¼ ft</td>
<td>35½ ft</td>
<td>38½ ft</td>
<td>41 ft.</td>
</tr>
</tbody>
</table>

STANDARD EQUIPMENT

- FRAME: Steel channel.
  - 99 inch W.B., 9 x 3½ x 5½ inches
  - Section Modulus: 10.20
  - Other: 94 x 3½ x 8½ inches
  - Section Modulus: 12.80
  - Frame, reinforcement, 173"-203" W.B.
  - Section Modulus: 21.45

- FRONT AXLE: FA-91.
  - Capacity: 7,500 pounds

- SPRINGS:
  - Front: 60 x 3 inches
  - Rear: 56 x 3 inches
  - Aux: 36 x 3 inches
  - Front shock absorbers

- BRAKES—SERVICE: Air.
  - Front: 16 x 2½ inches
  - Rear: 16½ x 7 inches
  - Total area: 625.9 sq. in.

- BRAKE—HAND: Rear of transmission.
  - Total area: 111 sq. in.

- STEERING: S-26, 20 inch steering wheel.

- ELECTRICAL:
  - 12 volt with 37-amp. alternator
  - 12 volt, 70-amp.-hr. battery
  - Front directional signals

- CLUTCH:
  - 14-inch, 15 spring, single plate

- ENGINE: ED-501.
  - Max. H.P.: 212 @ 3,000 R.P.M.
  - Max. Torque: 444 lb.-ft. @ 1,600 R.P.M.

- TRANSMISSION:
  - T-70, 5-speed, overdrive in fifth

- REAR AXLE: IH RA-57, single reduction.
  - Capacity: 23,000 pounds
  - Ratios: 4.10, 4.77, 5.38, 6.14, 6.57 or 7.17

- FUEL TANK: 31 gallon side mounted

- CAB: Regular.

- WHEELS AND TIRES:
  - 10.00 x 20, 12-ply, 7.00T

OPTIONAL EQUIPMENT

- FRAME: Frame reinforcement, 99"-153" W.B.
  - Two front towing eyes.
  - Rear tow loop.
  - Rear tow hooks.

- FRONT AXLE: FA-100, 9,000 lbs. capacity.
  - FA-211, 12,000 lbs. capacity.

- SPRINGS: Heavy duty rear springs.

- BRAKES:
  - I.H. piggy-back parking brake.
  - 12 cu. ft. compressor.
  - Duo-Servo parking brake.
  - Semi-trailer connections.
  - Hand control valve.
  - Front wheel limiting valve.

- STEERING: Power.

- ELECTRICAL:
  - 55-amp. alternator.
  - Dual 6-volt batteries.
  - Rear directional signals.

- CLUTCH:
  - 14 inch, 15 spring, H.D. ferramic.

- ENGINE:
  - Increased capacity cooling.
  - Road speed governor.
  - Air operated radiator shutter.
  - 2 qt. auxiliary oil filter.

- TRANSMISSION:
  - T-72, direct in fifth.
  - T-75, 76, Roadranger.
  - Transmission oil filter.

- REAR AXLE:
  - IH—RA-157 two speed.
  - IH—RA-172 two speed.

- FUEL TANKS:
  - 50 or 66 gal. dual side mounted IH safety tanks.

- CAB:
  - Sleeper cab.
  - Bostrom driver's seat.
  - Fresh air, recirculating water heater.

- WHEELS AND TIRES:
  - Optional tire sizes, tubed or tubeless on cast or disc wheels.

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SECTION 13 — Page 5
RATINGS

MAXIMUM GROSS VEHICLE WEIGHTS:
- Standard .......................................................................................... 30,500 lbs.
- With FA-100 9,000-lb Front Axle .......................................................................................................................................................... 32,000 lbs.
- With FA-211 12,000-lb Front Axle .................................................................................................................................................. 35,000 lbs.

MAXIMUM GROSS COMBINATION WEIGHT ............................................................................................................................................... 65,000 lbs.

STANDARD EQUIPMENT

CAB (Continued)
- Hand throttle and choke
- Dual air-operated windshield wipers
- Oil & water can be checked through opening in engine tunnel without tilting cab

COOLING SYSTEM
- 27-quart capacity
- Radiator frontal area: 752 sq. inches

ELECTRICAL SYSTEM
- 12-volt 37-amp alternator
- 70 amp-hr, 78-plate battery
- Cab dome light; cigar lighter
- Combination stop and tail light
- Parking lights, single electric horn
- Front directional signals: double face
- Five cab marker lights

ENGINE
- International RD-501 gasoline six
- Gross BHP: 214 @ 3000 rpm
- Gross Torque: 451 Ibs-ft @ 1600 rpm
- 501 cu. in. displ; 6.78 to 1 compr. ratio
- Oil bath air cleaner: full flow oil filter
- Horizontal muffler and tail pipe

FINISH
- Frame, bumper, wheels and fuel tank: black
- Cab and fenders: choice of any standard IH color

OPTIONAL EQUIPMENT

AXLE, REAR (Continued)
- RA-172 23,000-lb two-speed with 16½ x 7" brakes
- Ratios: 4.38/5.90, 4.89/6.59, 5.45/7.43, 6.16/8.31, or 6.73/9.17

BRAKE, PARKING
- Piggy-back parking brake
- Extra 462 cu-in air tank to release piggy-back brakes
- DCM 12 x 5" parking brake

FRAME
- Steel Channel
- 99" W.B.: 9 x 3½ x 1/4", Section modulus: 10.29
- 111 thru 203" W.B.: 9½ x 3½ x ½"; Section modulus: 12.82
- 173 thru 203" W.B.: 9½ x 3½ x ¼" Inverted "L" frame reinforcement
- Combined sec. modulus 21.48

FUEL TANK
- 31-gallon left or right side-mounted tank

STEERING
- S-26 steering gear
- 20-inch safety steering wheel

SUSPENSION
- Front: 3 x 59½" semi-elliptic steel leaf springs
- 8,340-lb capacity
- Shock absorbers
- Rear: 3 x 56½" semi-elliptic steel leaf springs
- 3 x 36" auxiliary steel leaf springs
- Combined capacity 23,000 lbs.

TRANSMISSION
- T-70 5-speed, constant-mesh overdrive
- Ratios: 6.37, 3.40, 1.74, 1.00, 0.788; 6.40 rev

WHEELS AND TIRES
- Single front and dual rear
- 10,000x20, 12-PR tires and tubes
- Cast spoke wheels, with 7.00T rims

BRAKES, SERVICE
- 12 cu-ft air compressor
- Semi-trailer connections, with breakaway and hand control valves
- Front wheel limiting valve
- BW air brake system in lieu of standard IH

CAB
- Sleeper cab
- Bostrom driver's seat
- Fresh air heater and defroster
- Right side extension rear view mirror
- Arm rest, left side
GROSS VEHICLE WEIGHT RATINGS: (GVWR)

<table>
<thead>
<tr>
<th></th>
<th>STANDARD GVWR 28,040</th>
<th>GVWR 30,200</th>
<th>GVWR 32,060</th>
<th>MAXIMUM GVWR W/ADVERTISED OPTIONS 34,560</th>
</tr>
</thead>
<tbody>
<tr>
<td>FRONT AXLE</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Spring</td>
<td>FA-100 Standard</td>
<td>FA-100</td>
<td>FA-211</td>
<td>FA-211</td>
</tr>
<tr>
<td>Tire</td>
<td>9,000</td>
<td>9,000</td>
<td>9,000</td>
<td>9,000</td>
</tr>
<tr>
<td></td>
<td>10.00 x 20 - 12 PR</td>
<td>10.00 x 20 - 12 PR</td>
<td>10.00 x 20 - 12 PR</td>
<td>10.00 x 20 - 12 PR</td>
</tr>
<tr>
<td>FRT-GAWR</td>
<td>9,000</td>
<td>9,000</td>
<td>10,860</td>
<td>11,560</td>
</tr>
<tr>
<td>REAR AXLE</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Spring</td>
<td>RA-57 Standard</td>
<td>RA-57</td>
<td>RA-57</td>
<td>RA-57</td>
</tr>
<tr>
<td>Tire</td>
<td>10.00 x 20 - 12 PR</td>
<td>19,040</td>
<td>21,200</td>
<td>21,200</td>
</tr>
<tr>
<td></td>
<td>10.00 x 20 - 14 PR*</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>RR-GAWR</td>
<td>19,040</td>
<td>21,200</td>
<td>21,200</td>
<td>23,000</td>
</tr>
</tbody>
</table>

MAXIMUM GROSS COMBINATION WEIGHT: 65,000 lbs.

* 7.50V Rims

Combinations of optional tires, springs and axles allow a wide range of GVWR selections between the standard and maximum GVWR's shown. See CT-400, Section 30, for library of component ratings and method of calculating specific GVWR's. Where higher GVWR's are required larger components must be specified.

STANDARD EQUIPMENT

AXLE, FRONT

FA-100 9,000-lb capacity
Heat-treated forged steel I-beam

AXLE, REAR

RA-57 23,000-lb capacity
Hypoid-gear single reduction
One-piece forged-steel housing
Full-floating, induction-hardened shafts
Ratios: 4.10, 4.44, 4.78, 5.37, 6.14, 6.57 or 7.17

BRAKE, PARKING

DCM 12 x 5" drum type, at rear of trans.

BRAKES, SERVICE

Spring-balanced tilt cab, manually operated
All steel, with safety glass windows
Door locks both sides
Individual driver's seat, adjustable fore and aft
Individual passenger seat
Tachometer, speedometer, odometer, ammeter, fuel, water temperature, air and oil pressure gauges
Electric windshield washers
Hand throttle and choke
Dual air-operated windshield wipers

CAB (Continued)

Oil and water can be checked through opening in engine tunnel without tilting cab
Fresh air heater and defroster

CLUTCH

14-inch 15-spring single plate

COOLING SYSTEM

27-quart capacity
Radiator frontal area: 752 sq. inches
Permanently type anti-freeze -20°F

ELECTRICAL SYSTEM

12-volt 37-amp alternator
Combination stop and tail light
Parking lights, single electric horn
Front directional signals: double face
Two front clearance and three identification lamps
Dual stop and tail lamps, back-up light
Rear directional signals
Amber side reflectors
Traffic hazard switch

ENGINE

International RD-501 gasoline six
Gross BHP: 214.8 @ 3000 rpm
Gross Torque: 451 lb-ft @ 1400 rpm
501 cu. in., displ.; 6.78 to 1 compr. ratio
Oil bath air cleaner: full flow oil filter
Oil and water can be checked through opening in engine tunnel without tilting cab
Exhaust emission control

FINISH

Frame, bumper, wheels and fuel tank: black
Cab and fenders: choice of any standard IH color

FRAME

Steel Channel
99" W.B.: 9 x 3/4 x 1/2"
Section modulus: 10.29
111" thru 203" W.B.: 9 x 3/4 x 3/8"
Section modulus: 12.62
13" thru 203" W.B.: 9 x 3/4 x 1/2"
inverted "L" frame reinforcement
Combined sec. modulus: 21.48

FUEL TANK

31-gallon left or right side-mounted tank

STEERING

20-inch safety steering wheel

SUSPENSION

Front: 3 x 36" auxiliary steel leaf springs
9,000-lb capacity
Shock absorbers
Rear: 3 x 56" semi-elliptic steel leaf springs
3 x 36" auxiliary steel leaf springs
Combined capacity 23,000 lbs.

TRANSMISSION

T-412 5-speed, constant-mesh, direct
Ratios: 7.40, 3.95, 2.20, 1.37, 1.00; 7.43 Rev.

WHEELS and TIRES

Single front and dual rear
10.00 x 20, 12-PR tires and tubes
Cast spoke wheels, with 7.00T rims

OPTIONAL EQUIPMENT

AXLE, FRONT

FA-211 12,000-lb capacity with 12,520-lb springs, 16 1/2 x 3 1/2" brakes and S-41 steering gear

AXLE, REAR

RA-172 23,000-lb two-speed with 16 1/2 x 7" brakes

AXLE, REAR (Continued)

Ratios: 5.50/7.46, 6.18/8.28, 6.79/9.18
RA-197 23,000-lb two-speed, with 16 1/2 x 7" brakes
Ratios: 4.33/5.89, 4.87/6.38, 5.43/7.39, 6.14/8.36 or 6.71/9.14

BRAKE, PARKING

Piggy-back parking brake
Extra 462 cu. in. air tank to release piggy-back brakes
DCM 12 x 5" parking brake

BRAKES, SERVICE

12 cu-ft. air compressor
**OPTIONAL EQUIPMENT (Continued)**

**BRAKES, SERVICE (Continued)**
- Semi-trailer connections with breakaway and hand control valves
- Front wheel limiting valve
- BW air brake system in lieu of standard IH CAB
- Sleeper cab; Bostrom driver's seat
- Right side extension rear view mirror
- King size rear view mirrors

**CLUTCH**
- 14-inch 15-spring with HD lining

**COOLING SYSTEM**
- Increased capacity cooling
- Automatic radiator shutters

**ELECTRICAL SYSTEM**
- 55- or 62-amp alternator
- Dual 6-volt 150 amp-hr batteries
- Dual electric horns
- Transistorized ignition system

**FRAME**
- 9y3x3y4x34" inverted L frame reinforcement, 99" thru 153" W.B.
- Two front towing eyes; rear tow loops

**FUEL TANKS**
- 50-gallon safety, right or left side-mounted
- 66-gallon safety, right or left side-mounted
- Dual 50 or 66-gallon side-mounted safety

**STEERING**
- Power steering

**SUSPENSION**
- 28,180-lb capacity rear springs with aux. Air Bag

**TRANSMISSION**
- T-365 8-speed Roadranger, direct
- T-411 5-speed, direct in 5th
- T-448 10-speed RT-610 Roadranger
- Transmission oil filter
- MT-Series 6-speed automatic

**WHEELS and TIRES**
- Optional tire sizes as shown below
  - 10-stud disc wheels
  - 10.00 x 20, 3\%/16
  - 11.00 x 20, 3\%15/16
  - 10 x 22, 3\%/16

**DIMENSIONS and WEIGHTS**

**DIMENSIONS COMMON TO ALL WHEELBASES, with 10.00 x 20 TIRES**

<table>
<thead>
<tr>
<th>Overall Width:</th>
<th>89%16&quot; at front fenders</th>
<th>Overall Height:</th>
<th>100%6&quot; at top of cab</th>
<th>Ground Clearance:</th>
<th>10%6&quot; at front axle</th>
<th>91%6&quot; at rear axle</th>
<th>Frame Height at Rear Axle:</th>
<th>36%16&quot; empty</th>
<th>33%6&quot; loaded</th>
</tr>
</thead>
</table>

**CHASSIS DIMENSIONS and WEIGHTS**

<table>
<thead>
<tr>
<th>WB</th>
<th>Front</th>
<th>Rear</th>
<th>Total</th>
<th>CA**</th>
<th>CF**</th>
<th>AF</th>
<th>OAL</th>
<th>To Centerline of Tire</th>
<th>With Bumper Clearance</th>
</tr>
</thead>
<tbody>
<tr>
<td>99&quot;</td>
<td>5,855</td>
<td>3,050</td>
<td>8,905</td>
<td>71%6&quot;</td>
<td>105%16&quot;</td>
<td>34&quot;</td>
<td>187%2&quot;</td>
<td>20 ft. 0 in.</td>
<td>22 ft. 9 in.</td>
</tr>
<tr>
<td>111&quot;</td>
<td>5,910</td>
<td>3,165</td>
<td>9,075</td>
<td>83%6&quot;</td>
<td>119%16&quot;</td>
<td>36&quot;</td>
<td>201%2&quot;</td>
<td>22 ft. 3 in.</td>
<td>24 ft. 9 in.</td>
</tr>
<tr>
<td>123&quot;</td>
<td>5,935</td>
<td>3,190</td>
<td>9,125</td>
<td>95%6&quot;</td>
<td>151%16&quot;</td>
<td>56&quot;</td>
<td>233%2&quot;</td>
<td>24 ft. 6 in.</td>
<td>27 ft. 0 in.</td>
</tr>
<tr>
<td>135&quot;</td>
<td>5,985</td>
<td>3,250</td>
<td>9,235</td>
<td>107%6&quot;</td>
<td>169%16&quot;</td>
<td>62&quot;</td>
<td>251%2&quot;</td>
<td>26 ft. 6 in.</td>
<td>29 ft. 0 in.</td>
</tr>
<tr>
<td>153&quot;</td>
<td>6,015</td>
<td>3,280</td>
<td>9,295</td>
<td>125%16&quot;</td>
<td>193%16&quot;</td>
<td>68&quot;</td>
<td>275%2&quot;</td>
<td>29 ft. 9 in.</td>
<td>32 ft. 3 in.</td>
</tr>
<tr>
<td>±173&quot;</td>
<td>6,235</td>
<td>3,500</td>
<td>9,735</td>
<td>145%16&quot;</td>
<td>241&quot;</td>
<td>95%6&quot;</td>
<td>322%16&quot;</td>
<td>33 ft. 3 in.</td>
<td>35 ft. 9 in.</td>
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<tr>
<td>±188&quot;</td>
<td>6,280</td>
<td>3,560</td>
<td>9,840</td>
<td>160%16&quot;</td>
<td>264&quot;</td>
<td>103%6&quot;</td>
<td>345%16&quot;</td>
<td>36 ft. 0 in.</td>
<td>38 ft. 6 in.</td>
</tr>
<tr>
<td>±203&quot;</td>
<td>6,335</td>
<td>3,655</td>
<td>9,990</td>
<td>175%16&quot;</td>
<td>289&quot;</td>
<td>113%6&quot;</td>
<td>370%16&quot;</td>
<td>38 ft. 6 in.</td>
<td>41 ft. 0 in.</td>
</tr>
</tbody>
</table>

*Reduce by 2\% with sleeper cab. *With cab, standard equipment, fuel, oil and water. **Includes frame reinforcement.

**TIRE DIMENSIONS**

<table>
<thead>
<tr>
<th>Tire Size</th>
<th>CAST WHEELS</th>
<th>DISC WHEELS</th>
</tr>
</thead>
<tbody>
<tr>
<td>10.00x20</td>
<td>10.00x20</td>
<td>10.00x20</td>
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<tr>
<td>11.00x20</td>
<td>11.00x20</td>
<td>11.00x22</td>
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<tr>
<td>10.00x22</td>
<td>11.00x22</td>
<td>11.00x22</td>
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<tr>
<td>10.00x20</td>
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<td>11.00x20</td>
<td>11.00x20</td>
<td>11.00x20</td>
</tr>
</tbody>
</table>

*In order that product improvements may be introduced at any time, specifications are subject to change without notice.
RATINGS:
Max. Gross Vehicle Weight (lbs.) Standard ........................................ 19,500
With FA-99 Front Axle and 13,500-lb. Rear Axle ............................... 20,500*
With Standard Front Axle and 15,000-lb. Rear Axle .......................... 21,000*
With FA-99 Front Axle and 15,000-lb. Rear Axle ............................... 22,000*
Max. Gross Combination Weight (lbs.) Standard ................................ 29,000
With 15,000-lb. Rear Axle .............................................................. 30,000

*1-34 or T-35 Recommended for Severe Service

STANDARD EQUIPMENT

AXLE—Front:
FA-69, Capacity: 6,000 lbs.

AXLE—Rear:
FA-25, Single Reduction, Capacity: 13,500 lbs.

RAKE—Parking and Emergency:
Service Transmission, Ext. Contr., Total Area: 56.98 sq. in.

RAKE—Service:
With Vacuum Booster, Front: 13 x 2 1/4 in., Rear: 13 x 4 in., Total Area: 382.5 sq. in.

CAB:
CO Loadstar.

CLUTCH:
12-inch, 15-spring, Single Plate, Hydraulic Controls.

ELECTRICAL:

ENGINE:
V-304.

Gross HP: 193.1 @ 4,400 RPM, Gross Torque: 272.5 lb.-ft. @ 2,800 RPM.

FRAME:
Steel Channel Tapered Rear through 137 in. Wheelbase, Straight to Rear, 149 in. Wheelbase, 9 x 3 x 1/4 in., Section Modulus: 9.22 in³.

FUEL TANK:
20-gal. LH Mounted.

SPRINGS:
Front: 3 x 60 in. Capacity: 3,000 lbs, Rear: 3 x 54 in. Capacity: 7,110 lbs.

Shock Absorbers: Front.

STEERING:
S-62 with 19-inch Steering Wheel.

TRANSMISSION:
T-15, 4-speed, Synchromesh.

Ratios: 1st: 6.40, 2nd: 3.10, 3rd: 1.9, 4th: 1.00, Rev: 7.82

WHEELS AND TIRES:
7.50 x 20, 8-ply, 6.00S Rims, Cast Wheels.

OPTIONAL EQUIPMENT

AXLE—Front:
FA-99, Capacity: 7,000 lbs., 15 x 2 1/4 in. Brakes.

AXLE—Rear:
FA-30, Capacity: 15,000 lbs., 15 x 4 in. Brakes and Springs,

RA-126, Capacity: 15,000 lbs.

RA-127, Capacity: 15,000 lbs.

RA-126, Capacity: 13,500 lbs.

RA-127, Capacity: 13,500 lbs.

RAKE—Parking and Emergency:
12 x 4 in. DCM, 111 sq. in.

RAKE—Service:
Increased Capacity Rear (15 x 5), Vacuum Reserve Tank with Gauge, Semi-Trailer Connections.

CAB AND BODIES:
Heater and Defroster.

CLUTCH:
12-inch, 12-spring, 13-inch, 15-spring.

ELECTRICAL:
Increased Capacity Battery, Directional Signals, 12 volt, 52-amp. Alternator.

ENGINE:
BG-265, V-266, D-354.

Governor.

Automatic Radiator Shutters.

FRAME:
Frame Reinforcement, Front Tow Loop, Tire Carrier, Radiator Guard.

FUEL TANKS:
31, 35, or 53-gal. LH, RH or Dual Side Mounted.

SPRINGS:
HD Front, HD Rear, Rear Shock Absorbers.

STEERING:
Power.

TRANSMISSIONS:
O.D. Synchromesh, 5-speed, T-34.

Synchromesh, 5-speed, T-35.

WHEELS AND TIRES:
Optional Tire Sizes on Cast or Disc Wheels.
STANDARD EQUIPMENT

FRAME:
- Steel Channel Tapered Rear Thru 137 in. WB.
- Straight to Rear, 149 in. WB and Up
  9 x 3 \(\frac{3}{4}\) in.
  Section Modulus: 9.22 in\(^3\).
- Frame Reinforcement,
  8\(\frac{5}{8}\) x 3\(\frac{3}{4}\) x \(\frac{3}{4}\) in.—192 in. WB.
  Combined Section Modulus: 16.42 in\(^3\).

FUEL TANK:
- 20-gal. LH Mounted.

SPRINGS:
- Front: 3 x 60 in., Capacity: 3,500 lbs.
- Rear: 3 x 54\(\frac{1}{2}\) in.
- Aux: 3 x 34 in.
  Capacity: 8,390 lbs.
- Shock Absorbers: Front.

STEERING:
- S-62 with 20-inch Steering Wheel.

TRANSMISSION:
- T-35, 5-speed Synchromesh.
- Ratios: 1st: 7.17
- 2nd: 3.96
- 3rd: 2.37
- 4th: 1.41
- 5th: 1.00
- Rev: 7.02

WHEELS AND TIRES:
- 7.50 x 20, 8-ply,
- 6.00S Rims, Cast Wheels.

OPTIONAL EQUIPMENT

FRAME:
- Increased Capacity Battery.
- Directional Signals.
- 12-volt, 52-amp. Alternator.

ENGINE:
- V-345.
- D-354.
- Governor (V-304).
- Automatic Radiator Shutters.

FRAME:
- Frame Reinforcement (Standard on 192 in. WB).
- Front Tow Loop.
- Tire Carrier.
- Radiator Guard.

FUEL TANKS:
- 31, 35, or 53-gal. LH, RH or Dual Side Mounted.

SPRINGS:
- Heavy-Duty Front.
- Heavy-Duty Rear (RA-30).
- Rear Shock Absorbers.

STEERING:
- Power.

TRANSMISSIONS:
- OD Synchromesh, 5-speed, T-34.
- Select-O-Matic, T-83.

WHEELS AND TIRES:
- Optional Tire Sizes on Cast or Disc Wheels.
INTERNATIONAL TRUCKS

CO-1800

RATINGS:

Max. Gross Vehicle Weight (lbs.), Standard:
- With FA-209 front axle and 16,000 lb. rear axles: 23,000
- With standard front axle and 18,500 lb. rear axles: 25,000
- With FA-209 front axle and 18,500 lb. rear axles: 25,500

Max. Gross Combination Weight (lbs.), Standard:
- With standard front axle and 18,500 lb. rear axles: 40,000
- With 18,500 lb. rear axles: 45,000

STANDARD EQUIPMENT

FRAME:
- Steel Channel Tapered Rear Thru 137 in. WB.
- Straight to Rear, 149 in. WB and Up
- 9 x 3 x 1/4 in.
- Section Modulus: 9.22 in³.
- Frame Reinforcement: 8 3/4 x 1/4 in., 192 in. WB.
- Combined Section Modulus: 16.42 in³.

FUEL TANK:
- 20-gal. LH Mounted.

SPRINGS:
- Front: 3 x 60 in., Capacity: 3,500 lbs.
- Rear: 3 x 54 1/2 in., Capacity: 9,680 lbs.
- Shock Absorbers: Front.

STEERING:
- S-62 with 20-inch Steering Wheel.

TRANSMISSION:
- T-35, 5-speed, Synchromesh.
- Ratios: 1st: 7.17, 2nd: 3.96, 3rd: 2.37, 4th: 1.23, 5th: 1.00, Rev: 7.02

WHEELS AND TIRES:
- 9.25 x 20, 10-ply, 6.00S Rims, Cast Wheels.

OPTIONAL EQUIPMENT

FRAME:
- Steel Channel Tapered Rear Thru 137 in. WB.
- Straight to Rear, 149 in. WB and Up
- 9 x 3 x 1/4 in.
- Section Modulus: 9.22 in³.
- Frame Reinforcement: 8 3/4 x 1/4 in., 192 in. WB.
- Combined Section Modulus: 16.42 in³.

FUEL TANK:
- 20-gal. LH Mounted.

SPRINGS:
- Front: 3 x 60 in., Capacity: 3,500 lbs.
- Rear: 3 x 54 1/2 in., Capacity: 9,680 lbs.
- Shock Absorbers: Front.

STEERING:
- S-62 with 20-inch Steering Wheel.

TRANSMISSION:
- T-35, 5-speed, Synchromesh.
- Ratios: 1st: 7.17, 2nd: 3.96, 3rd: 2.37, 4th: 1.23, 5th: 1.00, Rev: 7.02

WHEELS AND TIRES:
- 9.25 x 20, 10-ply, 6.00S Rims, Cast Wheels.
RATINGS

MAXIMUM GROSS VEHICLE WEIGHS:

<table>
<thead>
<tr>
<th>Configuration</th>
<th>Maximum Gross Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard</td>
<td>32,000 lbs.</td>
</tr>
<tr>
<td>With 18,500-lb Rear Axles</td>
<td>27,500 lbs.</td>
</tr>
<tr>
<td>With FA-119 Front Axle and 18,500-lb Rear Axle</td>
<td>30,500 lbs.*</td>
</tr>
<tr>
<td>With FA-119 Front Axle and 23,000-lb Rear Axles</td>
<td>35,000 lbs.*</td>
</tr>
<tr>
<td>With FA-136 Front Axle and 23,000-lb Rear Axles</td>
<td>39,000 lbs.*</td>
</tr>
</tbody>
</table>

*Reduce by 3,000 lbs. when 9,080-lb front springs are specified.
**Power steering required for these ratings; reduce ratings by 4,000 lbs. when 12,840-lb front springs are specified or power steering is not ordered.

MAXIMUM GROSS COMBINATION WEIGHTS:

<table>
<thead>
<tr>
<th>Configuration</th>
<th>Maximum Gross Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard</td>
<td>65,000 lbs.</td>
</tr>
<tr>
<td>With 18,500-lb Rear Axle</td>
<td>61,000 lbs.</td>
</tr>
</tbody>
</table>

STANDARD EQUIPMENT

CLUTCH
14", 15-spring single-plate
Total lining area: 201.8 sq. inches

COOLING SYSTEM
47-quart capacity
Three piece bolted radiator, 826 sq. in. frontal area
Air operated automatic radiator shutters

DRIVE LINE
Dynamically balanced propeller shaft, 3½" diameter
Needle bearing universal joints

ELECTRICAL
12-volt with 37-amp alternator
12-volt, 70 amp-hr, 78-plate battery
Two rear combination stop and tail lights
Two dome lights; five cab marker lights
Rheostat-controlled instrument panel lights
High beam and turn signal indicator lights
Front directional signals, double-face cab mounted
Electric horn; cigar lighter

ENGINE
International VS-478 gasoline V8
Gross BHP: 234 @ 3600 RPM
Gross Torque: 430.6 lb-ft @ 1800 RPM
478 cu. in., displacement: 7.64 to 1 compression ratio
Oil bath air cleaner; full-flow oil filter
External oil filler, dip stick and radiator filler
Horizontal muffler and tail pipe

FINISH
Frame, wheels and fuel tank: black
Cab and bumper: choice of any standard IH color

FRAME
Heat-treated chrome molybdenum steel channel;
bolted construction; straight to rear
STANDARD EQUIPMENT (Continued)

FRAME (Continued)
Through 152" WB: 9 x 3\(\frac{3}{8}\) x \(\frac{1}{4}\)"; 12.9 lbs/ft per rail
Section modulus: 10.29 inches-cubed
Resisting bending moment: 1,131,900 inch-lbs.
Over 152" WB: 9\(\frac{7}{8}\)" x 3\(\frac{3}{8}\) x \(\frac{1}{4}\)"; 14.25 lbs/ft per rail;
Section modulus: 11.54 inches-cubed
Resisting bending moment: 1,270,000 inch-lbs.
Heavy-duty formed steel channel front bumper

FUEL TANK
50-gallon steel, 22\(\frac{1}{2}\)" diameter, left side mounted

STEERING
S-44 steering gear with double joints
21" diameter light gray steering wheel

SUSPENSION
Front: 9,080-lb capacity
4" x 54" semi-elliptic steel leaf springs
Threaded pins and bushings
Hydraulic double-acting shock absorbers
Rear: 23,000-lb capacity
3 x 46" variable-rate leaf springs

TRANSMISSION
T-62 5-speed constant mesh, direct
Ratios: 8.08, 4.67, 2.62, 1.38, 1.00; 8.12 rev.

WHEELS AND TIRES
Single front and dual rear
10.00 x 20, 12-PR tires and tubes
Cast steel spoke wheels with 7.50V rims
RATINGS

MAXIMUM GROSS VEHICLE WEIGHTS:

- Standard or with Optional 23,000-lb Rear Axles: 35,000 lbs.*
- With 18,500-lb Rear Axle: 30,500 lbs.*
- With FA-136 Front Axle and 23,000-lb Rear Axle: 39,000 lbs.**

*Reduce by 3,000 lbs. when 9,080-lb front springs are specified.
**Power steering required for these ratings; reduce ratings by 4,000 lbs. when 12,840-lb front springs are specified or power steering is not ordered.

MAXIMUM GROSS COMBINATION WEIGHTS:

- Standard or with Optional 23,000-lb Rear Axles: 79,000 lbs.
- With 18,500-lb Rear Axle: 61,000 lbs.

STANDARD EQUIPMENT

FUEL

- 12,000-lb capacity center-tread, with front wheel speedometer drive.
- Heat-treated forged steel I-beam

TRANSMISSION

- 23,000-lb capacity single-reduction; 16" ring gear
- One-piece forged steel housing
- Induction-hardened shafts
- Ratio: 4.10, 4.44, 4.77, 5.37, 6.14, 6.57 or 7.17

PARKING BRAKE

- Pig-tack mounted spring-actuated
- Activated by air with dash control
- Total area: 479.4 square inches

SERVICE COMPRESSOR

- 12 cu. ft. water-cooled compressor
- Front: 13 x 3½" wedge type
- Rear: 16½ x 7" cam type
- Total lining area: 710.2 square inches
- Low pressure warning buzzer; front wheel limiting valve
- Two or reservoirs, total capacity: 2,484 cu. in.

ENGINE

- Aluminum 50" BBC with steel doors; safety glass windows
- 12-volt with 62-amp alternator and fully transistorized regulator
- Four 6-volt, 150 amp-hr, 63-plate batteries
- Two rear combination stop and tail lights
- Two dome lights; five cab marker lights
- Rheostat-controlled instrument panel lights
- High beam and turn signal indicator lights
- Front directional signals, double-face cab mounted
- Electric horn; cigar lighter

- Cummins NHE-195 six-cylinder diesel
- Gross BHP: 195 @ 1950 RPM
- Gross Torque: 580 lb-ft @ 1300 RPM
- Displacement: 743 cu. in; compression ratio: 15.5 to 1
- Oil bath air cleaner; full-flow oil filter
- Oil cooler; aluminum flywheel housing
- External oil filler, dip stick and radiator filler
- Vertical muffler and tail pipe

FINISH

- Black, with bumpers: choice of any standard IH color
- Steel doors
- Black rubber floor mat with jute backing
- Individual spring and foam rubber passenger seat
- Dual West-Coaster mirrors; dual chrome grab-handles
- Dual side air intakes; dual sun visors; ash tray
- Vertical windshield wipers
- Heated windshield wipers
- Vertical windshield wipers
- Cheerleader, odometer, tachometer
- Water temperature and oil pressure gauges

FRAME

- Heat-treated chrome molybdenum steel channel; bolted construction; straight to rear
CO-4000-D

STANDARD EQUIPMENT (Continued)

FRAME (continued)
Through 152" WB: 8 x 3 ½ x ¼"; 12.9 lbs/ft per rail
Section modulus: 10.29 inches-cubed Resisting bending moment: 1,139,000 inch-lbs.
Over 152" WB: 9 ½" x 3 ¾" x ¼"; 14.25 lbs/ft per rail;
Section modulus: 11.54 inches-cubed Resisting bending moment: 1,270,000 inch-lbs.
Heavy-duty formed steel channel front bumper

FUEL TANK
60-gallon steel, 22½” diameter, left side mounted

STEERING
S-44 steering gear with double joints
21” diameter light gray steering wheel

SUSPENSION
Front: 12,840-lb capacity
4” x 54” semi-elliptic steel leaf springs
Threaded pins and bushings
Hydraulic double-acting shock absorbers
Rear: 23,000-lb capacity
3 x 46” variable-rate leaf springs

TRANSMISSION
T-104 (5H-74) 5-speed constant mesh, direct
Ratios: 6.60, 3.61, 1.98, 1.17, 1.00; 6.51 rev.

WHEELS AND TIRES
Single front and dual rear
10.00 x 20, 12-PR tires and tubes
Cast steel spoke wheels with 7.50V rims
## GROSS VEHICLE WEIGHT RATINGS: (GVWR)

<table>
<thead>
<tr>
<th></th>
<th>STANDARD GVWR 23,660</th>
<th>GVWR 27,500</th>
<th>GVWR 30,200</th>
<th>MAXIMUM GVWR W/ADVERTISED OPTIONS 32,060</th>
</tr>
</thead>
<tbody>
<tr>
<td>FRONT AXLE</td>
<td>FA-91 Standard</td>
<td>7,500</td>
<td>9,000</td>
<td>FA-211 12,000</td>
</tr>
<tr>
<td>Spring</td>
<td>9.00 x 20 - 10 PR</td>
<td>8,340</td>
<td>10,000 x 20 - 12 PR</td>
<td>9.000</td>
</tr>
<tr>
<td>RR-GAVR</td>
<td>7,500</td>
<td>9,000</td>
<td>9,000</td>
<td>10,860</td>
</tr>
<tr>
<td>REAR AXLE</td>
<td>RA-44 Standard</td>
<td>15,800</td>
<td>18,500</td>
<td>RA-47 Standard</td>
</tr>
<tr>
<td>Spring</td>
<td>9.50 x 20 - 10 PR</td>
<td>23,000</td>
<td>10,000 x 20 - 12 PR</td>
<td>21,200</td>
</tr>
<tr>
<td>RR-GAVR</td>
<td>16,160</td>
<td>18,500</td>
<td>21,200</td>
<td></td>
</tr>
</tbody>
</table>

**MAXIMUM GROSS COMBINATION WEIGHT**

*7.50V Rims

Vehicle illustrated may include Optional Equipment and does not necessarily include all standard equipment.

## STANDARD EQUIPMENT

### AXLE, FRONT
- FA-91 7,500-lb capacity
- Heat-treated forged steel I-Beam

### AXLE, REAR
- RA-44, 18,500-lb capacity
- Hypoid-gear single reduction
- One-piece forged steel housing
- Ratios: 6.14, 6.57 or 7.17

### BRAKE, PARKING
- DCM 12 x 5" drum type
- At rear of trans.

### COOLING SYSTEM
- 43-quart capacity
- Automatic radiator shutters
- Permanent type anti-freeze -20°F

### ELECTRICAL SYSTEM
- 12-volt 37-amp alternator
- Dual 6-volt 150 amp-hr batteries
- Dual stop and tail light
- Parking lights; single electric horn
- Headlights
- Combined sec. modulus: 21.48

### ENGINE
- International DV-550B Diesel V-8
- Gross BHP: 180 @ 3000 RPM
- Gross Torque: 732 lb-ft @ 1600 RPM
- Combined capacity: 22,000 lbs.

### FRAME
- Steel channel
- Section modulus: 10.29
- Section modulus: 12.82
- Section modulus: 21.48

### FUEL TANK
- 43-gallon left side-mounted
- In-tank fuel pump

### STEERING
- S-26 steering gear
- 20-inch safety steering wheel

### SUSPENSION
- Front: 3 x 59½" semi-elliptic steel leaf springs;
- Rear: 3 x 56" semi-elliptic leaf springs

### TRANSMISSION
- 5-speed constant-mesh; direct

### WHEELS and TIRES
- Single front and dual rear

### OPTIONAL EQUIPMENT

### AXLE, REAR (Continued)
- RA-172 23,000-lb two-speed, with
  - 16½ x 7" brakes
- Ratios: 6.14/8.31, 6.57/7.60, 7.17/9.77

### BRAKE, PARKING
- Piggy-back parking brake
- Extra 462 cu. in. air tank to release piggy-back brakes

### CAB (Continued)
- Corner mounted auxiliary oil and air pressure gauges
- AM/FM radio, clock, compass
- Combined total lining area: 610.0 square inches

### ELECTRICAL SYSTEM
- Automatic radiator shutters
- Dual step and tail lamps, back-up light
- In-tank fuel pump
- 35-gallon left side-mounted

### ENGINE
- 8.80 rev.
- 8.80 rev.

### FRAME
- 9½" W.B.: 9 x 3½ x 7½; 9½" W.B.: 9 x 3½ x 8½
- Section modulus: 10.29
- Section modulus: 12.82
- Section modulus: 21.48

### FUEL TANK
- 43-gallon left side-mounted

### STEERING
- S-26 steering gear
- 20-inch safety steering wheel

### SUSPENSION
- Front: 3 x 59½" semi-elliptic steel leaf springs;
- Rear: 3 x 56" semi-elliptic leaf springs

### TRANSMISSION
- 5-speed constant-mesh; direct

### WHEELS and TIRES
- Single front and dual rear
- Cast spoke wheels, with 7.00T rims
OPTIONAL EQUIPMENT (Continued)

### BRAKES, SERVICE (Air Brake Chassis)
- 16 x 2½ S-cam brakes for FA-91
- 12 cu. ft. air compressor
- Semi-trailer connections, with breakaway and hand control valves
- Front wheels limiting valve
- BW air brake system in lieu of std. IH CAB
- Sleeper cab
- Bostrom driver's seat
- Right side extension rear view mirror
- Arm rest, left-side
- Deluxe aluminum king-size mirrors

### ELECTRICAL SYSTEM
- Dual 6-volt 204 amp-hr batteries
- Dual electric horns
- 52, 55 and 62-amp alternator
- Dual 6-volt 204 amp-hr batteries

### ENGINE
- DV-550B 200 BHP Diesel V-8
- Luberfiner 14 qts
- Horizontal tailpipe

### FUEL TANKS
- 50-gallon safety, right or left side-mounted
- 66-gallon safety, right or left side-mounted
- Dual 50 or 66-gallon safety tanks, side-mounted

### SUSPENSION
- Air bag suspension

### TRANSMISSION
- T-57 5 speed, direct
- T-365 8-speed Roadranger, direct
- T-403 5-speed, direct
- Transmission oil filter

### WHEELS
- Optional tire sizes as shown below
- 10-stud disc wheels

### DIMENSIONS and WEIGHTS

#### DIMENSIONS COMMON TO ALL WHEELBASES, with 10.00 x 20 TIRES

<table>
<thead>
<tr>
<th>Overall Width: 89¾&quot; at front fenders</th>
<th>Ground Clearance: 10¾&quot; at front axle</th>
<th>Frame Height at Rear Axle: 38¾&quot; empty</th>
</tr>
</thead>
<tbody>
<tr>
<td>Overall Height: 100¾&quot; at top of cab</td>
<td>9¾&quot; at rear axle</td>
<td>34¾&quot; loaded</td>
</tr>
</tbody>
</table>

#### CHASSIS DIMENSIONS and WEIGHTS

<table>
<thead>
<tr>
<th>WB</th>
<th>Front</th>
<th>Rear</th>
<th>Total</th>
<th>CA**</th>
<th>CF**</th>
<th>AF</th>
<th>OAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>99&quot;</td>
<td>5,465</td>
<td>2,465</td>
<td>7,930</td>
<td>71¹/₁₆&quot;</td>
<td>105¹/₁₆&quot;</td>
<td>34&quot;</td>
<td>187³/₄&quot;</td>
</tr>
<tr>
<td>111&quot;</td>
<td>5,520</td>
<td>2,585</td>
<td>8,105</td>
<td>83¹/₁₆&quot;</td>
<td>119¹/₁₆&quot;</td>
<td>36&quot;</td>
<td>201³/₄&quot;</td>
</tr>
<tr>
<td>123&quot;</td>
<td>5,545</td>
<td>2,605</td>
<td>8,150</td>
<td>95¹/₁₆&quot;</td>
<td>151¹/₁₆&quot;</td>
<td>56&quot;</td>
<td>233³/₄&quot;</td>
</tr>
<tr>
<td>135&quot;</td>
<td>5,595</td>
<td>2,665</td>
<td>8,260</td>
<td>107¹/₁₆&quot;</td>
<td>169¹/₁₆&quot;</td>
<td>62&quot;</td>
<td>251³/₄&quot;</td>
</tr>
<tr>
<td>153&quot;</td>
<td>5,625</td>
<td>2,695</td>
<td>8,320</td>
<td>125¹/₁₆&quot;</td>
<td>193¹/₁₆&quot;</td>
<td>68&quot;</td>
<td>275³/₄&quot;</td>
</tr>
<tr>
<td>173&quot;</td>
<td>5,860</td>
<td>2,890</td>
<td>8,750</td>
<td>145¹/₁₆&quot;</td>
<td>241&quot;</td>
<td>95³/₈&quot;</td>
<td>322³/₈&quot;</td>
</tr>
<tr>
<td>188&quot;</td>
<td>5,895</td>
<td>2,930</td>
<td>8,825</td>
<td>160¹/₁₆&quot;</td>
<td>264&quot;</td>
<td>103³/₈&quot;</td>
<td>345³/₈&quot;</td>
</tr>
<tr>
<td>203&quot;</td>
<td>5,935</td>
<td>2,965</td>
<td>8,900</td>
<td>175¹/₁₆&quot;</td>
<td>289</td>
<td>113³/₈&quot;</td>
<td>370³/₈&quot;</td>
</tr>
</tbody>
</table>

---

*With cab, standard equipment, hydraulic brakes, oil, fuel and water.
**Reduce by 2½" with sleeper cab.
#Weights include frame reinforcement.

#### TIRE DIMENSIONS

<table>
<thead>
<tr>
<th>Tire Size</th>
<th>9.00x20</th>
<th>10.00x20</th>
<th>10.00x20</th>
<th>10.00x22</th>
<th>9.00x20</th>
<th>10.00x20</th>
<th>10.00x20</th>
<th>10.00x22</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cast Wheels</td>
<td>7.00T</td>
<td>7.00T</td>
<td>7.00T</td>
<td>7.00T</td>
<td>7.00T</td>
<td>7.00T</td>
<td>7.00T</td>
<td>7.00T</td>
</tr>
<tr>
<td>Disc Wheels</td>
<td>7.50V</td>
<td>7.50V</td>
<td>7.50V</td>
<td>7.50V</td>
<td>7.50V</td>
<td>7.50V</td>
<td>7.50V</td>
<td>7.50V</td>
</tr>
<tr>
<td>Outside width OW</td>
<td>94½&quot;</td>
<td>94½&quot;</td>
<td>95½&quot;</td>
<td>95½&quot;</td>
<td>93½&quot;</td>
<td>94½&quot;</td>
<td>94½&quot;</td>
<td>94½&quot;</td>
</tr>
<tr>
<td>Tread Width</td>
<td>72&quot;</td>
<td>72&quot;</td>
<td>72&quot;</td>
<td>72&quot;</td>
<td>71½&quot;</td>
<td>71½&quot;</td>
<td>71½&quot;</td>
<td>71½&quot;</td>
</tr>
<tr>
<td>Inside width IW</td>
<td>49½&quot;</td>
<td>49½&quot;</td>
<td>48½&quot;</td>
<td>48½&quot;</td>
<td>48½&quot;</td>
<td>48½&quot;</td>
<td>48½&quot;</td>
<td>48½&quot;</td>
</tr>
<tr>
<td>Chain Clearance</td>
<td>2½&quot;</td>
<td>2½&quot;</td>
<td>1½&quot;</td>
<td>1½&quot;</td>
<td>2½&quot;</td>
<td>2½&quot;</td>
<td>1½&quot;</td>
<td>1½&quot;</td>
</tr>
<tr>
<td>Front Tread</td>
<td>68½&quot;</td>
<td>68½&quot;</td>
<td>69½&quot;</td>
<td>69½&quot;</td>
<td>68½&quot;</td>
<td>68½&quot;</td>
<td>69½&quot;</td>
<td>69½&quot;</td>
</tr>
</tbody>
</table>

---

*In order that product improvements may be introduced at any time, specifications are subject to change without notice.*

---

**INTERNATIONAL HARVESTER COMPANY • 401 NORTH MICHIGAN AVE. • CHICAGO, ILLINOIS 60611**

CT-400-K. AD-4791-A9. 1-72.

ORDER AD SPEC. SHEETS ON AD-6313.

Litho in United States of America
### SPECIFICATIONS

<table>
<thead>
<tr>
<th>Gross Vehicle Weight Rating</th>
<th>COF-190</th>
<th>30,000 lb.</th>
</tr>
</thead>
<tbody>
<tr>
<td>COF-191</td>
<td>32,500 lb.</td>
<td></td>
</tr>
<tr>
<td>COF-192 and COF-195</td>
<td>35,000 lb.</td>
<td></td>
</tr>
</tbody>
</table>

| Gross Combination Weight Rating, all models | 33,000 lb. |

<table>
<thead>
<tr>
<th>Chassis Dimensions (in inches), Weights (in pounds)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wheelbase (WB)</td>
</tr>
<tr>
<td>Overall length (OAL)</td>
</tr>
<tr>
<td>Load capacity to c/l of rear axle (CA)</td>
</tr>
<tr>
<td>Turning radius with bumper clearance (feet)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Chassis width, including fuel, oil, and water (approximate)</th>
</tr>
</thead>
<tbody>
<tr>
<td>10.6 ft.</td>
</tr>
<tr>
<td>10.7 ft.</td>
</tr>
<tr>
<td>10.7 ft.</td>
</tr>
</tbody>
</table>

The following dimensions (with 9.00-20 tires) are the same for all wheelbases. Tread—front wheels, 73 in.; rear wheels, 71 in. Road clearance—front axle, 11 in.; rear axle, 9 in. Overall width—front, 89 in.; rear, 93 in. Height from top of frame to ground, loaded—front, 34 in.; rear, 37 in.

<table>
<thead>
<tr>
<th>Frame: Pressed steel channel, 93/8 x 3/8 x 3/8 in. (Inverted L-type reinforcement, 93/8 x 3/8 x 3/8 in., optional.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Engine: International Super Red Diamond 406, six-cylinder, valve-in-head type; 41/4-in. bore; 41/2-in. stroke. Displacement, 406 cu. in.; compression ratio, 65; A.M.A. rating, 45.9 hp.; maximum brake hp., 175 at 3200 r.p.m., net 156 at 2750 r.p.m. Maximum torque, 338 lb.-ft. at 1700 r.p.m., net 321 at 1600 r.p.m. Seven steel-backed, replaceable-shell, precision-type main bearings; total projected area, 34.71 sq. in. Six replaceable-shell, precision-type connecting rod bearings. Exhaust-valve seat inserts. Slo-roto exhaust valves. Replaceable cylinder liners.</td>
</tr>
<tr>
<td>Engine: (Optional on all models, recommended minimum for COF-195): International Super Red Diamond 450, six-cylinders, valve-in-head type; 6.05, 7.065 or 7.789 to 1. Power divider lock standard. (Oversize one-piece, tubular banjo-type steel housing. Differential and wheel bearings are tapered rollers. Pinion straddle-mounted on roller bearings. Equalizing beams and torque rods are rubber-mounted. Capacity at ground, 28,000 lb. Axle reductions: 5.14, 5.57, 6.5 or 7.166 to 1. Power divider mounted on forward axle of tandem; ratio, 1.067 to 1. Total reduction (axle and power divider); 5.58, 6.05, 7.065 or 7.789 to 1. Power divider lock standard. (Oversize rear axle tandem optional. Capacity at ground, 32,000 lb.)</td>
</tr>
</tbody>
</table>

| Transmission: (Optional for all models, recommended minimum for COF-195): Heavy-duty, five speeds forward, one reverse, overdrive in fifth. Reductions: first, 7.07 to 1; second, 3.50 to 1; third, 1.72 to 1; fourth, 1 to 1; fifth, .776 to 1; reverse, 7.11 to 1. Direct in fifth at no extra cost. |

| Propeller Shaft: Large-diameter, heavy-steel tubing, 2-piece shafts with self-aligning center bearing. Dynamically balanced. All-metal, roller-bearing, anti-friction universal joints. |


| Tires: Standard—9.00-20, 10-ply—all models. Recommended—9.00-20, 10-ply, COF-190; 9.00-20, 12-ply, COF-191; 10.00-20, 12-ply, COF-192 and COF-195. |

| Standard Equipment: IH counterbalanced CO cab; front directional signals; sealed-beam headlights; combination tail and stop lights; air cleaner; governor; plain-type tachometer; oil filter; tools. |

| Special Equipment: The following will be available at extra cost when specified on order: Optional tires; 5-speed transmission; increased-capacity hydraulic brakes; air brakes; power steering; oversize front axle; oversize rear axle tandem. |

**Finish**: Frame and wheels, red. Grille, hood, cab and fenders, a variety of attractive optional colors.
INTERNATIONAL TRUCKS

COF-190 SERIES

**Ratings:**

<table>
<thead>
<tr>
<th>Model</th>
<th>Max. Gross Vehicle Weight (Lbs.) Standard</th>
<th>Max. Gross Combination Weight (Lbs.), Standard (Highway service)</th>
</tr>
</thead>
<tbody>
<tr>
<td>COF-190</td>
<td>30,000</td>
<td>55,000</td>
</tr>
<tr>
<td>COF-191</td>
<td>32,500</td>
<td>55,000</td>
</tr>
<tr>
<td>COF-192</td>
<td>39,000</td>
<td>55,000</td>
</tr>
<tr>
<td>COF-195</td>
<td>39,000</td>
<td>55,000</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Conditions</th>
<th>Weight (Lbs.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>With Oversize rear axle</td>
<td>43,000</td>
</tr>
<tr>
<td>With FA-211 front axle and oversize rear axle</td>
<td>43,000</td>
</tr>
<tr>
<td>With oversize rear axle, engine and transmission</td>
<td>65,000</td>
</tr>
</tbody>
</table>

**Chassis Weights (Approximate) in pounds, with cab, standard tires, oil, fuel and water.**

<table>
<thead>
<tr>
<th>Total</th>
<th>Front end</th>
<th>Rear end</th>
</tr>
</thead>
<tbody>
<tr>
<td>129</td>
<td>10,638</td>
<td>5,428</td>
</tr>
<tr>
<td>147</td>
<td>10,704</td>
<td>5,210</td>
</tr>
<tr>
<td>165</td>
<td>10,770</td>
<td>5,250</td>
</tr>
</tbody>
</table>

**Wheelbase (Inches):**

<table>
<thead>
<tr>
<th>Model</th>
<th>Wheelbase</th>
</tr>
</thead>
<tbody>
<tr>
<td>COF-190</td>
<td>30 ft.</td>
</tr>
<tr>
<td>COF-191</td>
<td>33 ft.</td>
</tr>
<tr>
<td>COF-192</td>
<td>36 ft.</td>
</tr>
<tr>
<td>COF-195</td>
<td>32 ft.</td>
</tr>
<tr>
<td></td>
<td>35½ ft.</td>
</tr>
<tr>
<td></td>
<td>38¼ ft.</td>
</tr>
</tbody>
</table>

**STANDARD EQUIPMENT**

01—FRAME: Steel channel, 9½ x 3½ x ¾ inches. Section Modulus: 15.53.

02—FRONT AXLE: FA-100. Capacity: 9,000 pounds.

03—SPRINGS:

- Front: 60 x 3 inches.
- Rear: 34 x 4 inches.
- Shock Absorbers: Front.

04—BRAKES—SERVICE: Hydraulic.

- Front: 15 x 2½ inches.
- Rear: 15 x 5 inches.
- Total area: 784.6 sq. in.

04—BRAKE—HAND: Rear of transmission.

05—STEERING: S-26 Power steering, 20-inch steering wheel.

06—ELECTRICAL:

- 12 volt with 37 amp. alternator.
- 12 volt, 70-amp.-hr. battery.
- Front directional signals.

07—MISCELLANEOUS:

- Recording type centrifugal tachometer.

08—ELECTRICAL:

- 55-amp. alternator.
- Dual 6-volt batteries.
- Rear directional signals.

09—MISCELLANEOUS:

- High altitude equipment.
- Increased capacity cooling.
- Air operated radiator shutters.
- 2 qt. auxiliary oil filter.

10—FUEL TANK: Dual side mounted tanks.

11—CAB:

- Sleeper cab.
- Bostrom driver’s seat.
- Fresh air or recirculating heater.

12—WHEELS AND TIRES:

- Optional tire sizes, tubed or tubeless on cast or disc wheels.

**OPTIONAL EQUIPMENT**

01—FRAME: Frame reinforcement, all W.B. Two front towing eyes.

02—FRONT AXLE: FA-211, 12,000 pounds capacity.

03—SPRINGS:

- Low rate rear springs (Air Brakes only).
- H.D. rear.

04—BRAKES: Air.

- I.H. piggy-back parking brake.
- 12 cu. ft. compressor.
- Semi-trailer connections.
- Hand control valve.
- Front wheel limiting valve (Air).

05—ELECTRICAL:

- 55-amp. alternator.
- Dual 6-volt batteries.
- Rear directional signals.

06—MISCELLANEOUS:

- High altitude equipment.
- Increased capacity cooling.
- Air operated radiator shutters.
- 2 qt. auxiliary oil filter.

07—TRANSMISSION:

- T-50, 5-speed.
- T-60 overdrive.
- T-75, 76 Roadranger.
- T-100 Select-O-Matic.

08—REAR AXLE:

- RA-312, 328, 351 Single reduction.
- Lightweight walking beam.
- Rubber sprung bogie.

09—FUEL TANK:

- Dual side mounted tanks.
- Dual IH safety tanks.

10—CAB:

- Sleeper cab.
- Bostrom driver’s seat.
- Fresh air or recirculating heater.

11—WHEELS AND TIRES:

- Optional tire sizes, tubed or tubeless on cast or disc wheels.

**SECTION 8 — Page 13**
### RATINGS

#### MAXIMUM GROSS VEHICLE WEIGHTS:
- Standard: 39,000 lbs.
- With 34,000-lb Rear Axle: 43,000 lbs.
- With FA-211 Front and 34,000-lb Rear Axle: 46,000 lbs.

#### MAXIMUM GROSS COMBINATION WEIGHTS:
- Standard: 55,000 lbs.
- With Oversize Rear Axle, Engine and Transmission: 65,000 lbs.

### STANDARD EQUIPMENT

- **CAB**: Spring-balanced tilt cab, manually operated. All steel, with safety glass windows. Door locks both sides.
- **Axle, Front**: FA-211 12,000-lb with 12,520-lb springs and 16 x 20 10-PR tires and tubes.
- **Axle, Rear**: RA-328 34,000-lb single-speed tandem drive rear axle, with 15" ring gear, 48" walking beams, and 16 x 6" air brakes. Ratios: 4.11, 4.44, 4.63, 5.29, 5.83, 6.17, 6.83, 7.20, 7.80 or 8.60.
- **Axle, Rear (Continued)**: RA-351 34,000-lb single-speed tandem drive rear axle, with 16" ring gear, 50" walking beams, and 16½ x 6" air brakes. Ratios: 4.10, 4.44, 4.77, 5.37, 6.14, 6.57, 7.17 or 8.17.

### OPTIONAL EQUIPMENT

- **Axle, Rear (Continued)**: RA-328 34,000-lb single-speed tandem drive rear axle, with 15" ring gear, 48" walking beams, and 16½ x 6" air brakes. Ratios: 4.11, 4.44, 4.63, 5.29, 5.83, 6.17, 6.83, 7.20, 7.80 or 8.60.
- **Axle, Rear**: RA-351 34,000-lb single-speed tandem drive rear axle, with 16" ring gear, 50" walking beams, and 16½ x 6" air brakes. Ratios: 4.10, 4.44, 4.77, 5.37, 6.14, 6.57, 7.17 or 8.17.

### FINISH
- **Frame**: Steel channel, 9¾ x 3¾ x 1/8" Section modulus: 15.53.
- **Fuel Tank**: 66-gallon safety tank, left or right side-mounted.
- **Steering**: S-26 steering gear, with power assist.
- **Suspension**: Front: 3 x 59½" semi-elliptic steel leaf springs. 9,000-lb capacity. Shock absorbers. Rear: 34,000-lb capacity. Wearing beam suspension. 50-inch steel beams with 50/50 distribution. Torque arms with rubber bushings.
- **Transmission**: T-53 5-speed constant-mesh, overdrive. Ratios: 6.98, 3.57, 1.89, 1.00, 0.82; 6.95 Rev.
- **Wheels and tires**: Single front and dual rear. 9.00 x 20 10-PR tires and tubes. Cast spoke wheels with 7.00T rims.
- **Brakes, parking**: Piggy-back parking brake. Extra 462 cu. in. in air tank to release piggy-back brakes. DCM 12 x 5" drum type; total lining area 137.6 sq. in.
- **Brakes, service (Air Brake Chassis)**: BW air brakes in lieu of standard IH. 12 cu. ft. compressor.

### Illustration
- May include optional equipment.
**GROSS VEHICLE WEIGHT RATINGS: (GVWR)**

<table>
<thead>
<tr>
<th></th>
<th>STANDARD GVWR</th>
<th></th>
<th>GVWR</th>
<th></th>
<th>MAXIMUM GVWR</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>39,000</td>
<td>41,320</td>
<td>43,000</td>
<td>44,860</td>
<td></td>
</tr>
<tr>
<td>FRONT AXLE</td>
<td>FA-100 9,000-lb capacity</td>
<td>Heat-treated forged steel I-beam</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Spring</td>
<td>9,000</td>
<td>9,000</td>
<td>9,000</td>
<td>9,000</td>
<td></td>
</tr>
<tr>
<td>Tire</td>
<td>9.00 x 20 - 10 PR</td>
<td>9.00 x 20 - 10 PR</td>
<td>9.00 x 20 - 10 PR</td>
<td>9.00 x 20 - 10 PR</td>
<td></td>
</tr>
<tr>
<td>TFR-GWWR</td>
<td>9,000</td>
<td>9,000</td>
<td>9,000</td>
<td>9,000</td>
<td></td>
</tr>
<tr>
<td>REAR AXLE</td>
<td>RA-341 30,000-lb capacity, tandem drive</td>
<td>Hydromechanical single reduction</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Spring</td>
<td>30,000</td>
<td>34,000</td>
<td>34,000</td>
<td>34,000</td>
<td></td>
</tr>
<tr>
<td>Tire</td>
<td>9.00 x 20 - 10 PR</td>
<td>9.00 x 20 - 10 PR</td>
<td>9.00 x 20 - 10 PR</td>
<td>9.00 x 20 - 10 PR</td>
<td></td>
</tr>
<tr>
<td>RR-GWWR</td>
<td>30,000</td>
<td>32,320</td>
<td>32,320</td>
<td>34,000</td>
<td></td>
</tr>
</tbody>
</table>

**MAXIMUM GROSS COMBINATION WEIGHTS:**

- Standard.......................... 55,000 lbs.
- With Oversize Rear Axle, Engine and Transmission: 65,000 lbs.

* 7.50V Rim

Combinations of optional tires, springs and axles are available. See CT-400, Section 30, for library of component ratings and method of calculating specific GVWRs. Where higher GVWRs are required, larger components must be specified.

**STANDARD EQUIPMENT**

- **CAB** (Continued): Individual driver's seat, adjustable fore and aft.
- **Individual passenger seat**
- Speedometer, odometer, ammeter, fuel, temperature, vacuum or air and oil pressure gauges.
- Hand throttle and choke
- Oil and water can be checked through opening in engine tunnel without tilting cab.
- Fresh air heater and defroster
- Electric windshield washers
- **CLUTCH**
  - 14-inch 15-spring single plate
- **COOLING SYSTEM**
  - 27-quart capacity
  - Radiator frontal area: 752 sq. inches
  - Permanent type anti-freeze: -20°F
- **ELECTRICAL SYSTEM**
  - 12-volt 37-amp alternator
  - 70 amp-hr, 78-plate battery
- **ENGINE** (Continued): Oil bath air cleaner; full flow oil filter.
- Exhaust emission control
- **FUEL TANK**
  - 66-gallon safety tank
  - Black, with oversize rear axle
- **STEERING**
  - S-26 steering gear, with power assist
- 20-inch steering wheel
- **SUSPENSION**
  - Front: 3 x 59½ semi-elliptic steel leaf springs
  - Rear: 34,000-lb capacity
- **TRANSMISSION**
  - T-53 5-speed constant-mesh, overdrive
  - Ratios: 6.95 Rev.
- **WHEELS and TIRES**
  - Single front and dual rear

**OPTIONAL EQUIPMENT**

- **AXLE, REAR (Continued)**: tandem drive rear axle, with 48" walking beams and 16½ x 6" air brakes
- **Ratios**: 10.10, 4.44, 4.77, 5.37, 6.14, 6.57, 7.17 or 8.17

**VEHICLE WEIGHT RATINGS:**

- **(GVWR)**
- **(W/ADVERTISED OPTIONS)**

**VEHICLE ILLUSTRATED MAY INCLUDE OPTIONAL EQUIPMENT AND DO NOT NECESSARILY INCLUDE ALL STANDARD EQUIPMENT.**
OPTIONAL EQUIPMENT (Continued)

BRAKES, PARKING
Piggy-back parking brake
Extra 462 cu. in. air tank to release
piggy-back brakes
DCM 12 x 5" drum type;
total lining area: 137.6 sq. in.

BRAKES, SERVICE (Air Brake Chassis)
BW air brakes in lieu of standard IH
12 cu. ft. compressor
Front wheel limiting valve
Semi-trailer connections with breakaway
and hand control valve

CAB
Sleeper cab; Bostrom driver's seat
Right side extension rear view mirror
Arm rest, left side
King size rear view mirrors

CLUTCH
14-inch 15-spring with heavy-duty lining

COOLING SYSTEM
Increased capacity cooling
Automatic radiator shutters

ELECTRICAL SYSTEM
56- or 62-amp alternator
Dual 6-volt 150 amp-hr batteries
Dual electric horns
Transistorized ignition system

ENGINE
RD-450 202.0-BHP gasoline six
RD-501 214.8-BHP gasoline six

FRAME
Frame reinforcement
Underslung tire carrier
Rear tow loop; two front towing eyes

FUEL TANKS
50-gallon safety, right or left side-mounted
66-gallon safety, right or left side-mounted
Dual 50 or 66-gallon safety, side-mounted
Electric in-tank fuel pump

SUSPENSION
34,000-lb capacity rubber load cushion
rear suspension, with aluminum
spring saddles and steel or aluminum
walking beams

TRANSMISSION
T-54 5-speed, direct
T-365 Roadranger, 8-speed, direct
T-401 5-speed, direct
T-402 5-speed, direct
T-403 5-speed, direct
T-411 5-speed, direct
T-412 5-speed, direct
T-448 10-speed RT-610 Roadranger
MT-Series 6-speed automatic
Transmission oil filter

WHEELS and TIRES
Optional tire sizes as shown below
10-stud disc wheels

DIMENSIONS and WEIGHTS

DIMENSIONS COMMON TO ALL WHEELBASES, with 9.00 x 20 TIRES

Overall Width: 89½" at front fenders
Overall Height: 97½" at top of cab
Ground Clearance: 8½" at front axle
Frame Height at Rear Axle: 38½" empty
10½" at rear axle
37½" loaded

CHASSIS DIMENSIONS and WEIGHTS

<table>
<thead>
<tr>
<th>WB</th>
<th>Front</th>
<th>Rear</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>129</td>
<td>5,430</td>
<td>5,210</td>
<td>10,640</td>
</tr>
<tr>
<td>147</td>
<td>5,475</td>
<td>5,230</td>
<td>10,705</td>
</tr>
<tr>
<td>165</td>
<td>5,520</td>
<td>5,250</td>
<td>10,770</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>CA**</th>
<th>CF**</th>
<th>AF</th>
<th>OAL</th>
<th>TO CENTERLINE OF TIRE</th>
<th>WITH BUMPER CLEARANCE</th>
</tr>
</thead>
<tbody>
<tr>
<td>101½&quot;</td>
<td>179½&quot;</td>
<td>78&quot;</td>
<td>261½&quot;</td>
<td>25 ft. 6 in.</td>
<td>28 ft. 8 in.</td>
</tr>
<tr>
<td>119½&quot;</td>
<td>197½&quot;</td>
<td>78&quot;</td>
<td>279½&quot;</td>
<td>31 ft. 10 in.</td>
<td>34 ft. 2 in.</td>
</tr>
<tr>
<td>137½&quot;</td>
<td>233½&quot;</td>
<td>96&quot;</td>
<td>315½&quot;</td>
<td>31 ft. 10 in.</td>
<td>34 ft. 2 in.</td>
</tr>
</tbody>
</table>

*With cab, standard equipment, hydraulic brakes, oil, fuel and water.
**Reduce by 2½" with sleeper cab.

TIRE DIMENSIONS

<table>
<thead>
<tr>
<th>Tire Size</th>
<th>Cast Wheels</th>
<th>Disc Wheels</th>
</tr>
</thead>
<tbody>
<tr>
<td>9.00 x 20</td>
<td>10.00 x 20</td>
<td>10.00 x 20</td>
</tr>
<tr>
<td>9.00 x 20</td>
<td>10.00 x 20</td>
<td>10.00 x 20</td>
</tr>
<tr>
<td>7.00T</td>
<td>7.00T</td>
<td>7.00T</td>
</tr>
<tr>
<td>7.00T</td>
<td>7.00T</td>
<td>7.00T</td>
</tr>
<tr>
<td>93½&quot;</td>
<td>93½&quot;</td>
<td>93½&quot;</td>
</tr>
<tr>
<td>93½&quot;</td>
<td>93½&quot;</td>
<td>93½&quot;</td>
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<tr>
<td>94½&quot;</td>
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<tr>
<td>94½&quot;</td>
<td>94½&quot;</td>
<td>94½&quot;</td>
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<tr>
<td>47½&quot;</td>
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<tr>
<td>3½&quot;</td>
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</tr>
<tr>
<td>3½&quot;</td>
<td>3½&quot;</td>
<td>3½&quot;</td>
</tr>
</tbody>
</table>

In order that product improvements may be introduced at any time, specifications are subject to change without notice.
**SPECIFICATIONS**

- **Gross Vehicle Weight Rating**: COF-200, 37,000 lb.; COF-201, 39,000 lb.; COF-202 and COF-203, 41,000 lb.
- **Gross Combination Weight Rating**: all models, 65,000 lb.
- **Chassis Dimensions (in inches), Weights (in pounds)**:
  - Wheelbase (WB): 129 lb., 147 lb., 165 lb.
  - Over-all length (OAL): 260 in., 278 in., 314 in.
  - Back of cab to c/e of rear axle (CA): 101 in., 119 in., 137 in.
  - C/e of rear axle to end of frame (AF): 78 in., 78 in., 96 in.
  - Back of cab to end of frame (CF): 179 in., 197 in., 225 in.
  - Bumper to center of front axle (BA): 52 in., 65 in., 59 in.
  - Turning radius with bumper clearance (feet): 32 ft., 33 ft., 38 ft.

The following dimensions (with 9.00-20 tires) are the same for all wheelbases. Tread—front wheels, 73 in.; rear wheels, 72% in. Road clearance—front axle, 12 in.; rear axle, 9% in. Overall width—front, 89% in.; rear, 94 in. Height from top of frame to ground, loaded—front, 34 in.; rear, 39% in.

- **Frame**: Pressed steel channel, 9% x 5% x 7/8 in. (Inverted L-type reinforcement, 9% x 3% x 7/8 in., optional.)
- **Engine**: International Super Red Diamond 406, six-cylinder, valve-in-head type; 84% in. bore, 4 in. stroke. Displacement, 406 cu. in.; compression ratio, 6.5; A.M.A. rating, 45.9 hp.; maximum brake hp., 173 at 3200 r.p.m., net 156 at 2750 r.p.m. Maximum torque, 338 lb.-ft. at 1700 r.p.m., net 304 at 1600 r.p.m. Seven steel-backed, replaceable-shell, precision-type main bearings; total projected area, 34.71 sq. in. Six replaceable-shell, precision-type connecting-rod bearings. Exhaust-valve seat inserts. Slo roto exhaust valves. Replaceable cylinder liners.
- **Engine (Optional)**: International Super Red Diamond 450, six-cylinder, valve-in-head type; 84% in. bore, 4 in. stroke. Displacement, 450 cu. in.; compression ratio, 6.5; A.M.A. rating, 45.9 hp.; maximum brake hp., 182 at 2600 r.p.m., net 165.5 at 2600 r.p.m. Maximum torque, 388 lb.-ft. at 1600 r.p.m., net 382 at 1200 r.p.m.
- **Engine (Optional)**: International Royal Red Diamond 501, six-cylinder, valve-in-head type; 84% in. bore, 4 in. stroke. Displacement, 501 cu. in.; compression ratio, 6.5; A.M.A. rating, 48.6 hp.; maximum brake hp., 212 at 3000 r.p.m., net 184 at 2600 r.p.m. Maximum torque, 444 lb.-ft. at 1600 r.p.m., net 424 lb.-ft. at 1200 r.p.m.

- **Lubrication**: Full-pressure feed to all main, connecting-rod and piston-pin bearings, camshaft and timing gears. Gear-type, gear-driven oil pump. Oil capacity, 9 qt.
- **Electrical System**: 6-volt; full-automatic distributor; 45-amphere, shunt-wound, belt-driven generator; sealed-beam headlights; 12-volt battery; starting motor. (30-amphere generator or 12-volt system optional.)
- **Fuel System**: Down draft carburetor. Oil-bath air cleaner. Mechanical fuel pump driven from camshaft. 51-gal. tank.

**Chassis Weight, including fuel, oil and water standard COF-200 chassis (approximate)**: 12,256 lb., 12,322 lb., 12,388 lb.

**Specifications subject to change without notice.**
# International COF-1950

Vehicle illustrated may include Optional Equipment and does not necessarily include all standard equipment.

## Gross Vehicle Weight Ratings: (GVWR)

<table>
<thead>
<tr>
<th>Standard GVWR</th>
<th>GVWR</th>
<th>GVWR</th>
<th>Maximum GVWR W/Advertised Options</th>
</tr>
</thead>
<tbody>
<tr>
<td>39,000</td>
<td>41,320</td>
<td>43,000</td>
<td>44,860</td>
</tr>
<tr>
<td><strong>Front Axle</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Spring</td>
<td>9,000</td>
<td>9,220</td>
<td>9,220</td>
</tr>
<tr>
<td>Tire</td>
<td>9.00 x 20 - 10 PR</td>
<td>9.00 x 20 - 10 PR</td>
<td>10.00 x 20 - 10 PR</td>
</tr>
<tr>
<td>FRT-GAWR</td>
<td>9,000</td>
<td>9,000</td>
<td>9,000</td>
</tr>
<tr>
<td><strong>Rear Axle</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Spring</td>
<td>30,000</td>
<td>34,000</td>
<td>34,000</td>
</tr>
<tr>
<td>Tire</td>
<td>9.00 x 20 - 10 PR</td>
<td>9.00 x 20 - 10 PR</td>
<td>10.00 x 20 - 12 PR</td>
</tr>
<tr>
<td>RR-GAWR</td>
<td>30,000</td>
<td>32,320</td>
<td>34,000</td>
</tr>
</tbody>
</table>

**Maximum Gross Combination Weights:**
- Standard: 55,000 lbs.
- With Oversize Rear Axle, Engine and Transmission: 65,000 lbs.

## Standard Equipment

### Cab (Continued)
- Oil and water can be checked through opening in engine tunnel without tilting cab
- Fresh air heater and defroster

### Clutch
- 14-inch 15-spring single-plate

### Cooling System
- 43-quart capacity
- Radiator frontal area: 752 sq. inches
- Automatic radiator shutters
- Permanent type anti-freeze: -20°F

### Electrical System
- 12-volt and 37-amp alternator
- Dual 6-volt 150 amp-hr batteries
- Cab dome light; cigar lighter
- Combination stop and tail light
- Parking lights, single electric horn
- Two front clearance and three identification lamps
- Dual stop and tail lamps: back-up light
- Rear directional signals
- Amber side reflectors
- Traffic hazard switch

### Engine
- International DV-550B diesel V-8
- Gross BHP: 180 @ 3,000 RPM
- Gross Torque: 372 Ib-ft @ 1600 RPM
- 550 cu. in. displ.; 17.00 to 1 compr. ratio
- Oil bath and dry air cleaner; full-flow oil filter
- Horizontal muffler and vertical tailpipe

### Finish
- Frame, bumper, wheels and fuel tank: black
- Cab and fenders: choice of any standard IH color

### Frame
- Steel channel, 9\(\frac{1}{2}\) x 3\(\frac{1}{2}\) x 3\(\frac{1}{4}\)
- Section modulus: 15.53

### Fuel Tank
- 35-gallon tank, left side-mounted in-tank fuel pump

### Steering
- S-26 steering gear, with power assist 20-inch steering wheel

### Suspension
- Front: 3 x \(\frac{5}{6}\) semi-elliptic steel leaf springs
- 9,000-lb capacity
- Shock absorbers
- Rear: 34,000-lb capacity
- 50-inch steel beams with 50/50 distribution
- Torque arms with rubber bushings
- 4 x 34" steel leaf springs
- Capacity: 34,000 lbs.

### Transmission
- T-54 5-speed constant-mesh, direct
- Ratios: 8.03, 4.61, 2.46, 1.41, 1.00; 8.00 Rev.

### Wheels and Tires
- Single front and dual rear 9.00 x 20, 10-PR tires and tubes
- Cast spoke wheels with 7.00" rims

## Optional Equipment

### Axle, Front
- FA-211 12,000-lb with 12,520-lb springs and 16\(\frac{1}{2}\) x 3\(\frac{1}{2}\) hydraulic or 16\(\frac{1}{2}\) x 3\(\frac{1}{2}\) air brakes

### Axle, Rear
- RA-351 34,000-lb single-speed tandem drive rear axle, with 50" walking beams and...
BRAKES, PARKING
Piggy-back parking brake
Extra 462 cu. in. air tank to release piggy-back brakes
DCM 12 x 5" drum type; total lining area: 137.6 sq. in.

BRAKES, SERVICE
BW air brakes in lieu of standard IH
12 cu. ft. compressor
Front wheel limiting valve

CAB
Sleeper cab; Bostrom driver's seat
Right side extension rear view mirror
Arm rest, left side
Deluxe aluminum king-size mirrors

CLUTCH
14-inch 15-spring with heavy duty lining

ELECTRICAL SYSTEM
52, 55 or 62-amp alternator
Dual 6-volt 204 amp-hr batteries
Dual electric horns

ENGINE
DV-550B 200-BHP Diesel V-8
Luberfiner 14-qt.
Cold weather starting aid
Horizontal tailpipe

FRAME
Frame reinforcement
Underslung tire carrier
Rear tow loop; two front towing eyes

FUEL TANKS
50-gallon safety, right or left side-mounted
66-gallon safety, right or left side-mounted
Dual 50 or 66-gallon safety, side-mounted

SUSPENSION
34,000-lb capacity rubber load cushion rear suspension, with aluminum spring saddles and steel or aluminum walking beams
Air Bag

TRANSMISSION
T-57 5-speed, direct
T-365 Roadranger, 8-speed, direct
T-402 5-speed, direct
T-403 5-speed, direct
T-446 10-speed RT-610 Roadranger
Transmission oil filter

WHEELS and TIRES
Optional tire sizes as shown below
10-stud disc wheels

DIMENSIONS COMMON TO ALL WHEELBASES, with 9.00 x 20 TIRES
Overall Width: 89 1/4" at front fenders
Overall Height: 97 7/8" at top of cab
Ground Clearance: 8 1/4" at front axle
Frame Height at Rear Axle: 38 1/4" empty
Frame Height at Rear Axle: 37 1/4" loaded

CHASSIS DIMENSIONS and WEIGHTS

<table>
<thead>
<tr>
<th>WB</th>
<th>Front</th>
<th>Rear</th>
<th>Total</th>
<th>CA**</th>
<th>CF**</th>
<th>AF</th>
<th>OAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>129&quot;</td>
<td>5,430</td>
<td>5,210</td>
<td>10,640</td>
<td>101 1/4&quot;</td>
<td>179 1/4&quot;</td>
<td>78&quot;</td>
<td>261 1/8&quot;</td>
</tr>
<tr>
<td>147&quot;</td>
<td>5,475</td>
<td>5,230</td>
<td>10,705</td>
<td>119 1/4&quot;</td>
<td>197 1/4&quot;</td>
<td>78&quot;</td>
<td>279 1/8&quot;</td>
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<tr>
<td>165&quot;</td>
<td>5,520</td>
<td>5,250</td>
<td>10,770</td>
<td>137 1/4&quot;</td>
<td>233 1/4&quot;</td>
<td>96&quot;</td>
<td>315 1/8&quot;</td>
</tr>
</tbody>
</table>

*With cab, standard equipment, hydraulic brakes, oil, fuel and water. **Reduce by 2 1/4" with sleeper cab.

TIRE DIMENSIONS

<table>
<thead>
<tr>
<th>Tire Size</th>
<th>9.00 x 20</th>
<th>10.00 x 20</th>
<th>10.00 x 20</th>
<th>9.00 x 20</th>
<th>10.00 x 20</th>
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<tbody>
<tr>
<td>Rim Size</td>
<td>7.00T</td>
<td>7.00T</td>
<td>7.50V</td>
<td>7.00T</td>
<td>7.00T</td>
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<tr>
<td>Outside width OW</td>
<td>93 1/8&quot;</td>
<td>93 1/8&quot;</td>
<td>94 1/8&quot;</td>
<td>93 1/8&quot;</td>
<td>94 1/8&quot;</td>
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<tr>
<td>Tread TW</td>
<td>71&quot;</td>
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<td>71&quot;</td>
<td>70 1/8&quot;</td>
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<td>Inside width IW</td>
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<td>47 1/4&quot;</td>
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<td>Chain clearance</td>
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<td>3 1/2&quot;</td>
<td>4 1/8&quot;</td>
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<tr>
<td>Front Tread</td>
<td>73&quot;</td>
<td>73&quot;</td>
<td>72 1/4&quot;</td>
<td>72 1/4&quot;</td>
<td>72 1/4&quot;</td>
</tr>
</tbody>
</table>

In order that product improvements may be introduced at any time, specifications are subject to change without notice.
RATINGS

MAXIMUM GROSS VEHICLE WEIGHTS

<table>
<thead>
<tr>
<th>Configuration</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard</td>
<td>43,000 lbs.</td>
</tr>
<tr>
<td>With 38,000-lb Rear Axles</td>
<td>47,000 lbs.</td>
</tr>
<tr>
<td>With FA-119 Front Axle</td>
<td>46,000 lbs.*</td>
</tr>
<tr>
<td>With FA-119 Front Axle and 38,000-lb Rear Axles</td>
<td>50,000 lbs.**</td>
</tr>
<tr>
<td>With FA-136 Front Axle and 38,000-lb Rear Axles</td>
<td>54,000 lbs.**</td>
</tr>
</tbody>
</table>

*Reduce by 3,000 lbs. when 9,080-lb front springs are specified.
**Power steering required for these ratings; reduce ratings by 4,000-lbs when 12,840-lb front springs are specified or power steering is not ordered.

MAXIMUM GROSS COMBINATION WEIGHTS

<table>
<thead>
<tr>
<th>Configuration</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard</td>
<td>65,000 lbs.</td>
</tr>
<tr>
<td>With Oversize Engine and Transmission</td>
<td>79,000 lbs.</td>
</tr>
</tbody>
</table>

STANDARD EQUIPMENT

AXLE, FRONT

- 109 9,000-lb capacity center-tread, with front wheel speedometer drive.
- Heat treated forged steel I-beam

AXLE, REAR

- A-351 34,000-lb capacity tandem drive
- Hypoid gear single-reduction; 16" ring gears
- One-piece forged steel housings
- Full-floating, induction-hardened axle shafts
- Inter-axle differential power-divider, with air-operated lock and warning light
- Ratios: 4.10, 4.44, 4.77, 5.37, 6.14, 6.57, 7.17, 8.17

BRAKE, PARKING

- Piggy-back mounted spring-actuated
- Released by air with dash control
- Total area: 479.4 square inches

BRAKE, SERVICE

- Air with 7/4 cu. ft. water-cooled compressor
- Front: 15x3" wedge type
- Rear: 16½x7" cam type
- Total lining area: 1,155.8 sq. inches
- Low pressure warning buzzer; front wheel limiting valve
- Two air reservoirs, total capacity: 3,265 cu. in.

CAB

- Aluminum 50" BBC with steel doors; safety glass windows
- 45 degree hydraulic tilt cab with safety check valves
- Bucket seat from West-Coaster driver's seat
- Individual spring and foam rubber passenger seat
- Two fresh air intakes; dual sun visors; ash tray
- Heavy-duty black rubber floor mat with jute backing
- Air-operated windshield wipers
- Dual West Coast mirrors: dual chrome grab-handles
- Reservoir and application air pressure gauges
- Voltmeter, fuel, water temperature and oil pressure gauges
- Speedometer, odometer, tachometer
- Heater and defroster; hand throttle

CLUTCH

- 14", 15-spring single-plate
- Total lining area: 201.8 sq. inches

COOLING SYSTEM

- 47-quart capacity
- Three piece bolted radiator, 826 sq. in. frontal area
- Air-operated automatic radiator shutters

DRIVE LINE

- Dynamically balanced propeller shaft, 3½" diameter
- Needle bearing universal joints

ELECTRICAL

- 12-volt with 37-amp alternator
- 12-volt 70 amp-hr, 78-plate battery
- Two rear combination stop and tail lights
- Two dome lights: five cab marker lights
- Rheostat-controlled instrument panel lights
- High beam and turn signal indicator lights
- Front directional signals, double-face cab mounted
- Electric horn; cigar lighter

ENGINE

- International VS-478 gasoline V8
- Gross BHP: 234 @ 3600 RPM
- Gross Torque: 430.6 lb-ft @ 1800 RPM
- 478 cu. in. displacement: 7.64 to 1 compression ratio
- Oil bath air cleaner; full-flow oil filter
- External oil filler, dip stick and radiator filler
- Horizontal muffler and tail pipe

FINISH

- Frame, wheels and fuel tank; black Cab and bumper: choice of any standard IH color

FRAME

- Heat-treated chrome molybdenum steel channel; bolted construction; straight to rear
- Through 152" WB: 9 x 3½ x 1¼; 12.9 lbs/ft per rail
- Section modulus: 10.29 inches-cubed
- Resisting bending moment: 1,139,000 inch-lbs.

Illustration May Include Optional Equipment; 83" cab shown
FRAME (Continued)
Over 152" WB: 9½ x 3⅛ x ⅝"; 14.25 lbs/ft per rail;
Section modulus: 11.54 inches-cubed
Resisting bending moment: 1,270,000 inch-lbs
Heavy-duty formed steel channel front bumper

FUEL TANK
50-gallon steel, 22½" diameter, left side mounted

STEERING
S-44 steering gear with double joints
21" diameter light gray steering wheel

SUSPENSION (Continued)
Front: 9,080-lb capacity
4 x 54" semi-elliptic steel leaf springs
Threaded pins and bushings
Hydraulic double-acting shock absorbers

SUSPENSION (Continued)
Rear: 34,000-lb capacity rubber-load cushion springs
Aluminum spring saddles
50" steel walking beams
Torque arms with rubber bushings

TRANSMISSION
T-62 5-speed constant mesh, direct
Ratios: 8.08, 4.67, 2.62, 1.38, 1.00;
8.12 rev.

WHEELS AND TIRES
Single front and dual rear
10.00 x 20, 12-PR tires and tubes
Cast steel spoke wheels with 7.50V rims

OPTIONAL EQUIPMENT

AXLE, FRONT
FA-119 12,000-lb with 12,840-lb springs, 15 x 3½"
brakes and front wheel speedometer drive
FA-136 16,000-lb with 17-000-lb springs, 15 x 4"
brakes and transmission speedometer drive

AXLE, REAR
RA-312 (34DS) 34,000-lb single-speed tandem
drive with 16" ring gears
Ratios: 4.33, 4.55, 4.87, 5.57, 6.14, 6.50, 7.17
RA-313 (34DT) 34,000-lb two-speed tandem
drive with 16" ring gears
Ratios: 4.11/5.61, 4.33/5.91, 4.56/6.21, 4.87/6.65,
5.57/7.60, 6.14/8.38, 6.50/8.87, 7.17/9.77
RA-323 (38DS) 38,000-lb single-speed tandem
drive with 16" ring gears and 38,000-lb suspension
Ratios: 4.33, 4.55, 4.87, 5.57, 6.14, 6.50, 7.17
RA-324 (38DT) 38,000-lb two-speed tandem drive
with 16" ring gears and 38,000-lb suspension
Ratios: 4.33/5.91, 4.56/6.21, 4.87/6.65, 5.57/7.60,
6.14/8.38, 6.50/8.87, 7.17/9.77
RA-325 (38DP) 38,000-lb double-reduction tandem
drive with 16" ring gears and 38,000-lb suspension
Ratios: 5.89, 6.21, 6.65, 7.60, 8.38, 8.87, 9.77
RA-328 (SLHD) 34,000-lb single-speed tandem
drive with 15" ring gears
Ratios: 4.11, 4.44, 4.63, 5.29, 5.83,
6.17, 6.83, 7.20, 7.80, 8.60
RA-333 (SHD) 38,000-lb single-speed tandem drive
with 15" ring gears and 38,000-lb suspension
Ratios: 4.11, 4.44, 4.63, 5.29, 5.83,
6.17, 6.83, 7.20, 7.80, 8.60
RA-355 38,000-lb single-speed tandem drive
with 16" ring gears and 38,000-lb suspension
Ratios: 4.10, 4.44, 4.77, 5.37, 6.14, 6.57, 7.17, 8.17
RA-360 (34D3) 34,000-lb 3-speed tandem drive
with 16" ring gears
Ratios: 4.11/4.86/5.61, 4.33/5.12/5.91,
4.56/6.21/6.65, 4.87/6.65/7.60, 5.57/6.97/8.87,
6.50/7.68/8.87, 7.17/8.47/9.77
RA-361 (38D3) 38,000-lb 3-speed tandem drive
with 16" ring gears and 38,000-lb suspension
Ratios: 4.11/4.86/5.61, 4.33/5.12/5.91,
4.56/6.21/6.65, 4.87/6.65/7.60, 5.57/6.97/8.87,
6.50/7.68/8.87, 7.17/8.47/9.77

BRAKES, PARKING
Auxiliary 462 cu.in. air tank to release spring-actuated brake

BRAKES, SERVICE
BW brake system with 7¼ cu. ft.
water cooled BW compressor
12 cu. ft. water-cooled compressor
Wig-wag low air pressure indicator
Semi-trailer connections with tractor
protection and hand control valves
4-wheel trailer connections with tractor
protection and hand control valves
Semi-trailer hose kit (9-ft hose standard)
4-wheel trailer hose kit (9-ft hose standard)
Alcohol moisture evaporator; Sealco sludge ejector
Omit front brakes; Aeroquip hoses
15 x 7" wedge type rear brakes

CAB
90° hydraulic tilt cab with double acting cylinders
73" BBC aluminum non-sleeper
73" BBC aluminum sleeper
83" BBC aluminum sleeper
Sleeper cab mattress
Auxiliary sleeper cab heater; single defroster for Bostrom Viking driver’s seat; omit passenger air
Tinted windshield; chrome rear view mirrors
Left side arm rest; electric right side window regulator
Cab air conditioner; Dual windshield wiper motor
Dual grab-handles under windshield
Recording tachographs; RPM, MPH, 24-hour or
CLUTCH
13" two-plate
14" 15-speed with heavy-duty lining

COOLING SYSTEM
Permanent anti-freeze: —10°F or —40°F

DRIVE LINE
Prop shaft center bearing

ELECTRICAL SYSTEM
55-amp alternator; 62-amp alternator
Two 6-volt, 150 amp-hr batteries
Six or seven connector trailer sockets
Six or seven connector trailer lighting cable
Separate switch for trailer marker lights
Single or dual chrome air horns; single painted air
Dual stop and tail lights with integral reflectors
Class “A” rear directional signals
Hazard switch (mandatory for ICC regulations)
ICC reflectors on cab; separate parking lights
Rear axle and/or transmission temperature gauge
Push button starting switch
RATINGS

MAXIMUM GROSS VEHICLE WEIGHTS:

<table>
<thead>
<tr>
<th>Configuration</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard</td>
<td>46,000 lbs.*</td>
</tr>
<tr>
<td>With 38,000-lb Rear Axles</td>
<td>50,000 lbs.*</td>
</tr>
<tr>
<td>With FA-136 Front Axle</td>
<td>50,000 lbs.**</td>
</tr>
<tr>
<td>With FA-136 Front Axle and 38,000-lb Rear Axles</td>
<td>54,000 lbs.**</td>
</tr>
</tbody>
</table>

*Reduce by 3,000 lbs. when 9,080-lb front springs are specified.

**Power steering required for these ratings; reduce ratings by 4,000 lbs. when 12,840-lb front springs are specified or power steering is not ordered.

MAXIMUM GROSS COMBINATION WEIGHT: 79,000 lbs.

STANDARD EQUIPMENT

CLUTCH
14" two-plate with clutch brake
Total lining area: 422.8 sq. inches

COOLING SYSTEM
48-quart capacity
Three piece bolted radiator, 826 sq. in. frontal area
Air-operated automatic radiator shutters

DRIVE LINE
Dynamically balanced propeller shaft, 3 1/2" diameter
Needle bearing universal joints

ELECTRICAL
12-volt with 62-amp alternator
and fully transistorized regulator
Four 6-volt, 150 amp-hr, 63-plate batteries
Two rear combination stop and tail lights
Two dome lights; five cab marker lights
Rheostat-controlled instrument panel lights
High beam and turn signal indicator lights
Front directional signals, double-face cab mounted
Electric horn; cigar lighter

ENGINE
Cummins NHE-195 six-cylinder diesel
Gross BHP: 195 @ 1950 RPM
Gross Torque: 580 lb-ft @ 1300 RPM
743 cu. in. displacement: 15.5 to 1 compression ratio
Oil bath air cleaner; full-flow oil filter
Oil cooler; aluminum flywheel housing
External oil filler, dip stick and radiator filler
Vertical muffler and tail pipe

FINISH
Frame, wheels and fuel tank: black Cab and bumper; choice of any standard IH color

FRAME
Heat-treated chrome molybdenum steel channel;
bolted construction; straight to rear

Illustration May Include Optional Equipment; 83" cab shown
STANDARD EQUIPMENT (Continued)

FRAME (Continued)
Through 152" WB: 9 x 3½ x ¼"; 12.9 lbs/ft per rail
  Section modulus: 10.29 inches-cubed
  Resisting bending moment: 1,139,000 inch-lbs.
Over 152" WB: 9½" x 3½ x ¼"; 14.25 lbs/ft per rail;
  Section modulus: 11.54 inches-cubed
  Resisting bending moment: 1,270,000 inch-lbs.
Heavy-duty formed steel channel front bumper

FUEL TANK
60-gallon steel, 22½" diameter, left side mounted

STEERING
S-44 steering gear with double joints
  21" diameter light gray steering wheel

SUSPENSION
Front: 12,840-lb capacity
  4" x 54" semi-elliptic steel leaf springs
  Threaded pins and bushings
  Hydraulic double-acting shock absorbers
Rear: 34,000-lb capacity rubber-load cushion springs
  Aluminum spring saddles
  50" steel walking beams
  Torque arms with rubber bushings

TRANSMISSION
T-104 (5H-74) 5-speed constant mesh, direct
  Ratios: 6.60, 3.61, 1.98, 1.17, 1.00; 6.51 rev.

WHEELS AND TIRES
Single front and dual rear
  10.00 x 20, 12-PR tires and tubes
  Cast steel spoke wheels with 7.50V rims
### Standard Equipment

**Cab (Continued)**
- Hand throttle and choke
- Dual air-operated windshield wipers
- Panel on engine tunnel for access to oil and water
- 14-inch 15-spring single plate

**Cooling System**
- 27-quart capacity
- Radiator frontal area: 752 sq. inches

**Electrical System**
- 12-volt 37-amp alternator
- 70 amp-hr, 78-plate battery
- Cab dome light; cigar lighter
- Combination stop and tail light
- Parking lights; single electric horn
- Five cab marker lights

**Engine**
- International RD-406 gasoline six
- Gross BHP: 193.1 @ 3200 RPM
- Gross Torque: 373 lb-ft @ 1600 RPM
- 406 cu. in. displ.; 7.13 to 1 compr. ratio
- Oil bath air cleaner; full-flow oil filter

**Transmission**
- T-53 5-speed, constant-mesh, overdrive
- Ratios: 6.98, 3.57, 1.89, 1.00, 0.82; 6.95 rev.

**Wheels and Tires**
- Single front and dual rear
- 9.00 x 20 10-PR tires and tubes

**Cab**
- Sleeper cab
- Bostrom driver's seat
- Fresh air heater and defroster
- Right side extension rear view mirror
- Arm rest, left side

### Optional Equipment

**Brakes, Parking (Continued)**
- Extra 462 cu. in. air tank to release piggy-back brakes
- DCM 12 x 5" drum type, total lining area 137.6 sq. inches

**Brakes, Service**
- 12 cu. ft. air compressor
- BW air brake system in lieu of standard IH
- Semi-trailer connections, with breakaway and hand control valves
- Front wheel limiting valve
- 16½ x 7" brakes on rear driving axle

**Frame**
- Steel Channel: 9¼ x 3¾ x ½"
- Section modulus: 15.53

**Fuel Tank**
- 66-gallon safety tank, left or right side-mounted

**Suspension**
- S.26 steering gear; with power steering
- 20-inch steering wheel

**Steering**
- Front: 3 x 59½" semi-elliptic steel leaf springs
- 9,000-lb capacity
- Rear: 34,000-lb capacity walking beam suspension
- 50-inch steel beams, with 45/55 distribution
- Torque arms with rubber bushings
- Rubber load cushion springs
- Aluminum spring saddles

**Transmission**
- T-53 5-speed, constant-mesh, overdrive
- Ratios: 6.98, 3.57, 1.89, 1.00, 0.82; 6.95 rev.

**Wheels and Tires**
- Single front and dual rear
- 9.00 x 20 10-PR tires and tubes
- Cast spoke wheels with 7.00T rims

**Cab**
- Sleeper cab
- Bostrom driver's seat
- Fresh air heater and defroster
- Right side extension rear view mirror
- Arm rest, left side

**Clutch**
- 14-inch 15-spring with heavy duty lining

**Cooling System**
- Increased capacity cooling
- Automatic radiator shutters
- Permanent anti-freeze: —40°F
RATINGS:

Max. Gross Vehicle Weight (lbs.) Standard: 41,000
With 12,000 lb. front axle: 43,000
Max. Gross Combination Weight (lbs.) Standard: 55,000
With oversize engine and transmission: 65,000

STANDARD EQUIPMENT

AXLE—Front:
M-100, Capacity: 9,000 lbs.

AXLE—Rear:
Drive axle: RA-57, Capacity: 23,000 lbs. single reduction.
Ratios: 5.38, 6.14, 6.57, 7.17.
Dead axle: RA-418, Capacity: 16,000 lbs.

BRAKE—Hand:
Front of transmission, internal expanding.
Total area: 111 sq. in.

BRAKES—Service:
Front: 16 x 2½ inches.
Rear: 16½ x 6 inches.
Total area: 972.6 sq. in.

CLUTCH:
4 inch, 15 spring, single plate.

ELECTRICAL:
12 volt with 37 amp. alternator.
70-amp.-hr. battery.
Front directional signals.

OPTIONAL EQUIPMENT

AXLE—Front:
HA-211, Capacity: 12,000 lbs. with 16½ x 3½ air brakes.

AXLE—Rear:
HA-57, Capacity: 23,000 lbs. 2-speed with 16½ x 6 air brakes.

BRAKE—Hand:
LH piggy-back.
HD DCM 12 x 5 in. internal expanding, 137.75 sq. in.

BRAKES—Service:
Oversize rear (16½ x 7).
12 cu. ft. compressor.
Front wheel limiting valve.
Serial-trailer connection.

ELECTRICAL:
55 amp. alternator.
Dual 6 volt, 150-amp.-hr. batteries.
Rear directional signals.

ENGINE:
RD-406.
Gross H.P.: 175 @ 3,200 R.P.M.
Gross Torque: 338 lb./ft. @ 1,700 R.P.M.

FRAME:
Steel channel.
9½ x 3½ x 3½ in. Section Modulus: 15.53.

FUEL TANK:
66 gallon, left or right side mounted.

SPRINGS:
Front: 60 x 3 in. Capacity: 4,500 lbs.
Rear: IH rubber load cushions with aluminum saddles and 50° steel beams, Capacity: 34,000 lbs. 45-55 distribution.

STEERING:
S-26 Power, with 20 inch steering wheel.

TRANSMISSION:
T-50, 5-speed overdrive Constant mesh.
Ratios: 1st 6.98
2nd 3.57
3rd 1.89
4th 1.00
5th .825
Rev. 6.95

WHEELS AND TIRES:
9.00 x 20, 10 ply, 7.00 T rims, cast wheels.
### RATINGS

**MAXIMUM GROSS VEHICLE WEIGHTS:**

<table>
<thead>
<tr>
<th>Type</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard</td>
<td>43,000 lbs.</td>
</tr>
<tr>
<td>With FA-119 Front Axle</td>
<td>46,000 lbs.*</td>
</tr>
<tr>
<td>With FA-136 Front Axle</td>
<td>50,000 lbs.**</td>
</tr>
<tr>
<td>With FA-136 Front Axle and 38,000-lb Rear Axle</td>
<td>54,000 lbs.**</td>
</tr>
</tbody>
</table>

*Reduced by 3,000 lbs. when 9,080-lb front springs are specified. **Power steering required for these ratings; reduce ratings by 4,000 lbs. when 12,840-lb front springs are specified or power steering is not ordered.

**MAXIMUM GROSS COMBINATION WEIGHTS:**

<table>
<thead>
<tr>
<th>Type</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard</td>
<td>65,000 lbs.</td>
</tr>
<tr>
<td>With Oversize Engine and Transmission</td>
<td>79,000 lbs.</td>
</tr>
</tbody>
</table>

### STANDARD EQUIPMENT

**ALL, FRONT**

- 9,000-lb capacity center-tread, with front wheel speedometer drive.
- Heat treated forged steel I-beam

**AXLE, REAR**

- 23,000-lb capacity driving axle
- Hypoid-gear single-reduction; 18" ring gear
- One-piece forged steel housing
- Full-floating; induction-hardened shafts
- Ratios: 4.11, 4.44, 4.78, 5.38, 6.14, 6.57 or 7.17

**RA-418 16,000-lb pusher dead axle**

**MAKE, PARKING**

- Piggyback mounted spring-actuated
- Released by air with dash control
- Total area: 479.4 square inches

**BRAKES, SERVICE**

- Air with 7½ cu. ft. water-cooled compressor
- Front: 15 x 3" wedge type
- Rear: 16½ x 7" cam type
- Total lining area: 1,155.8 square inches
- Low pressure warning buzzer; front wheel limiting valve
- Two air reservoirs, total capacity: 3,265 cu. in.

**CAB (Continued)**

- Voltmeter, fuel, water temperature and oil pressure gauges
- Speedometer, odometer, tachometer
- Heater and defroster; hand throttle

**CLUTCH**

- 14", 15-spring single-plate
- Total lining area: 201.8 sq. inches

**COOLING SYSTEM**

- 47-quart capacity
- Three piece bolted radiator, 826 sq. in. frontal area
- Air-operated automatic radiator shutters

**DRIVE LINE**

- Dynamically balanced propeller shaft, 3½" diameter
- Needle bearing universal joints

**ELECTRICAL**

- 12-volt with 37-amp alternator
- 12-volt, 70 amp-hr, 78-plate battery
- Two rear combination stop and tail lights
- Two dome lights; five cab marker lights
- Rheostat-controlled instrument panel lights
- High beam and turn signal indicator lights
- Front directional signals, double-face cab mounted
- Electric horn; cigar lighter

**ENGINE**

- International VS-478 gasoline V8
- Gross BHP: 234 @ 3600 RPM
- Gross Torque: 430.6 lb-ft @ 1800 RPM
- 478 cu. in. displacement: 7.64 to 1 compression ratio
- Oil bath air cleaner; full-flow oil filter
- External oil filler, dip stick and radiator filler
- Horizontal muffler and tail pipe

*Illustration May Include Optional Equipment; 79" cab shown*
STANDARD EQUIPMENT (Continued)

FINISH
Frame, wheels and fuel tank: black
Cab and bumper: choice of any standard IH color

FRAME
Heat-treated chrome molybdenum steel channel; bolted construction; straight to rear
Through 152" WB: 9 x 3/8 x 1/8; 12.9 lbs/ft per rail
Section modulus: 10.29 inches-cubed
Resisting bending moment: 1,601,600 inch-lbs.
Over 152" WB: 97/8 x 3/8 x 1/8; 14.25 lbs/ft per rail;
Section modulus: 11.54 inches-cubed
Resisting bending moment: 1,270,000 inch-lbs.
Heavy-duty formed steel channel front bumper

FUEL TANK
50-gallon steel, 22V4" diameter, left side mounted

STEERING
5:44 steering gear with double joints
21" diameter light gray steering wheel

SUPENSION
Front: 9,080-lb capacity
4" x 54" semi-elliptic steel leaf springs
Threaded pins and bushings
Hydraulic double-acting shock absorbers
Rear: Four-spring suspension: 45/55 weight distribution
Driving axle: 29,200-lb capacity springs
Pusher axle: 26,000-lb capacity springs

TRANSMISSION
T-62 5-speed constant mesh, direct
Ratios: 8.08, 4.67, 2.62, 1.38, 1.00; 8.12 rev.

WHEELS AND TIRES
Single front and dual rear
10.00 x 20, 12-PR tires and tubes
Cast steel spoke wheels with 7.50V rims

OPTIONAL EQUIPMENT

AXLE, FRONT
FA-119 12,000-lb with 12,840-lb springs, 15 x 3/8" brakes and front wheel speedometer drive
FA-136 16,000-lb with 17,000-lb springs, 15 x 4" brakes and transmission speedometer drive

AXLE, REAR
RA-71 23,000-lb single-reduction with 161/2" ring gear
Ratios: 4.11, 4.33, 4.63, 5.29, 6.17, 6.83, 7.40
RA-157 23,000-lb two-speed with 17" ring gear
Ratios: 4.33/5.89, 4.87/6.63, 5.43/7.39, 6.14/8.36, 6.71/9.14
RA-423 18,000-lb capacity trailing dead axle
V-belt drive

BRakes, PARKING
Auxiliary 462 cu-in air tank to release spring-actuated brake

BRakes, SERVICE
BW brake system with 7/8 cu. ft. water cooled BW compressor
12 cu. ft. water-cooled compressor
Wig-wag low air pressure indicator
Semi-trailer connections with tractor protection and hand control valves
4-wheel trailer connections with tractor protection and hand control valves
Semi-trailer hose kit (9-ft hose standard)
4-wheel trailer hose kit (9-ft hose standard)
Alcohol moisture evaporator; Sealco sludge ejector
Omit front brakes; Aerqoup hoses
15 x 7" wedge type rear brakes

CAB
90° hydraulic tilt cab with double acting cylinders
73" BBC aluminum non-sleeper
73" BBC aluminum sleeper
83" BBC aluminum sleeper
Sleeper cab mattress

CAB (Continued)
Auxiliary sleeper cab heater; single defroster for Bostrom Viking driver's seat; omit passenger seat
Tinted windshield; chrome rear view mirrors
Left side arm rest; electric right side window regulator
Cab air conditioner; Dual windshield wiper motors
Dual grab-handles under windshield
Recording tachographs; RPM, MPH, 24-hour or minute

CLUTCH
13" two-plate
14" 15-spring with heavy-duty lining

COOLING SYSTEM
Permanent anti-freeze: —10°F or —40°F

DRIVE LINE
Prop shaft center bearing

ELECTRICAL SYSTEM
55-amp alternator; 62-amp alternator
Two 6-volt, 150 amp-hr batteries
Six or seven connector trailer sockets
Six or seven connector trailer lighting cable
Separate switch for trailer marker lights
Single or dual chrome air horns; single painted air horn
Dual stop and tail lights with integral reflectors
Class "A" rear directional signals
Hazard switch (mandatory for ICC regulations)
ICC reflectors on cab; separate parking lights
Rear axle and/or transmission temperature gauge
Push button starting switch

ENGINE
VS-549 257-BHP gasoline V8
Donalcone air cleaner; auxiliary oil filter
Engine oil cooler; magnetic fan
Aluminum radiator
RATINGS

MAXIMUM GROSS VEHICLE WEIGHTS:

<table>
<thead>
<tr>
<th>Standard</th>
<th>46,000 lbs.*</th>
</tr>
</thead>
<tbody>
<tr>
<td>With FA-136 Front Axle</td>
<td>50,000 lbs.**</td>
</tr>
</tbody>
</table>

*Reduce by 3,000 lbs when 9,080-lb front springs are specified.

**Power steering required for these ratings; reduce ratings by 4,000-lbs when 12,840-lb front springs are specified or power steering is not ordered.

MAXIMUM GROSS COMBINATION WEIGHT .................................... 79,000 lbs.

STANDARD EQUIPMENT

AXLE, FRONT

- N-219 12,000-lb capacity center-tread, with front wheel speedometer drive.
- Heat treated forged steel I-beam

AXLE, REAR

- 16,000-lb capacity pusher tandem bogie
- 19.5 x 6.50-20 tires
- 18° ring gear
- One-piece forged steel housing
- Full-floating; induction-hardened shafts
- Ratio: 4.11, 4.44, 4.78, 5.38, 6.14, 6.57 or 7.17
- RA418 16,000-lb pusher dead axle

BRAKE, PARKING

- Piggy-back mounted spring-actuated
- Released by air with dash control
- Total area: 479.4 sq. inches

BRAKES, SERVICE

- Air with 12 cu. ft. water-cooled compressor
- Front: 15 x 3½/8 wedge type
- Rear: 16½ x 7 cam type
- Total lining area: 1,189.6 sq. inches
- Low pressure warning buzzer; front wheel limiting valve

COOLING SYSTEM

- 48-quart capacity
- Three piece bolted radiator, 826 sq. in. frontal area
- Air-operated automatic radiator shutters

DRIVE LINE

- Dynamically balanced propeller shaft, 3½/8 diameter
- Needle bearing universal joints

ELECTRICAL

- 12-volt with 62-amp alternator and fully transistorized regulator
- Four 6-volt, 150 amp-hr, 63-plate batteries
- Two rear combination stop and tail lights
- Two dome lights; five cab marker lights
- Rheostat-controlled instrument panel lights
- High beam and turn signal indicator lights
- Front directional signals, double-faced cab mounted
- Electric horn; cigar lighter

ENGINE

- Cummins NHE-195 six-cylinder diesel
- Gross BHP: 195 @ 1950 RPM
- Gross Torque: 580 lb-ft @ 1300 RPM
- 743 cu. in., displacement: 15.5 to 1 compression ratio
- Oil bath air cleaner; full-flow oil filter
- Oil cooler; aluminum flywheel housing
- External oil filler, dip stick and radiator filler
- Vertical muffler and tail pipe

FINISH

- Frame, wheels and fuel tank; black
- Cab and bumper; choice of any standard IH color

FRAME

- Heat treated chrome molybdenum steel channel; bolted construction; straight to rear
- Through 152" WB: 9 x 3½ x ¼; 12.9 lbs/ft per rail
- Section modulus: 10.29 inches-cubed
- Resisting bending moment: 1,139,000 inch-lbs.
- Over 152" WB: 9½/8 x 3½/8 x ½; 14.25 lbs/ft per rail
- Section modulus: 11.54 inches-cubed
- Resisting bending moment: 1,270,000 inch lbs.
- Heavy-duty formed steel channel front bumper

Illustration May Include Optional Equipment; 73" cab shown
STANDARD EQUIPMENT (Continued)

FUEL TANK
60-gallon steel, 22½" diameter, left side mounted

STEERING
S-44 steering gear with double joints
21" diameter light gray steering wheel

SUSPENSION
Front: 12,840-lb capacity
4" x 54" semi-elliptic steel leaf springs
Threaded pins and bushings
Hydraulic double-acting shock absorbers

SUSPENSION (Continued)
Rear: Four-spring suspension, 45/55 weight distribution
Driving axle: 29,200-lb capacity springs
Pusher axle: 26,000-lb capacity springs

TRANSMISSION
T-104 (5H-74) 5-speed constant mesh, direct
Ratios: 6.60, 3.61, 1.98, 1.17, 1.00; 6.51 rev.

WHEELS AND TIRES
Single front and dual rear
10.00 x 20, 12-PR tires and tubes
Cast steel spoke wheels with 7.50V rims