International Truck Specifications

Miscellaneous
(1925-1983)
Chassis Specifications

Maximum Capacity: 10,000 pounds.

Wheel Base: 160" regular — 185" special.

Frame: Pressed steel channel 8" deep, ⅓" thick, with 7 cross members and 2 braces at rear.

Engine: Four-cylinder, block cast, valve-in-head type with removable cylinders, 4⅛ bore, 5⅞ stroke, 3 point suspension on main frame, valve mechanism all enclosed.

Bearings: The crankshaft bearings are single row ball bearings of ample capacity. Front bearing 2⅜ bore, 5⅛ outside diameter, 1⅝ wide. Rear bearing 3⅛ bore, 6¾ outside diameter, 1⅝ wide. Connecting rod bearings are 2⅜ diameter and 2⅜ long, bronze-backed babbitt-lined at large end, phosphor-bronze at small end. Camshaft has large size bronze-backed babbitt-lined bushings.

Lubrication: Combination force feed and splash. Forced lubrication by means of pump to main bearings with overflow troughs in crankcase into which lower ends of connecting rods dip, making a splash system to cylinders and crankshaft.

Ignition: Robert Bosch high-tension magneto located on right hand side of engine where it is readily accessible.

Cooling: Thermo-siphon type; large fin and tube radiator with auxiliary tank. Fan mounted in front of engine on roller bearings.

Governor: Fly-ball centrifugal type with speed set to 14.6 miles an hour when truck is equipped with solid tires and standard gear ratio.

Carburetor: 1⅛-inch vertical type—International.

Clutch: Dry plate multiple disc; compressed wire-woven lined.

Transmission: Sliding gear selective type, unit power plant construction; four speeds forward and reverse, direct on fourth.

Axles: Rear axle International design, solid heat-treated alloy steel drop-forged carrying member and live axle for transmitting power. Large size ball bearings used throughout rear axle and rear wheels. Front axle I-beam, heat-treated steel drop-forging. Steering knuckles Elliott type heat-treated nickel steel. Taper roller front wheel bearings, ball and socket type of tie rod.

Gear Reduction: Engine to rear wheels; first speed, 64.9 to 1; second speed, 35.7 to 1; third speed, 19.2 to 1; fourth speed, 11 to 1; reverse 77 to 1.

Final Drive: Double reduction gear. Power transmitted from propeller shaft through bevel gears, driving shafts and pinions to ring gear in each rear wheel.

Control: Left hand drive, spark and throttle levers on steering wheel, foot accelerator, service brake and clutch operated by foot pedals. Gear change and emergency brake levers located in center of driving compartment.

Steering Gear: Worm and wheel type with post carrying steering wheel set at a 30° angle and connecting shaft vertical, giving maximum foot clearance, comfort and convenience for driver.

Brakes: Service brake on rear wheels, internal expanding, self-adjusting type. Emergency brake on propeller shaft external contracting.

Springs: Half-elliptic, front 3' x 44", rear 4' x 58" with auxiliary side springs 3' x 35½".

Wheels: Cast steel, 36" diameter front, 40" diameter rear; regularly equipped with 5" front and 14" rear, pressed-on type solid tires.

Gasoline: Capacity, 18 gallons. Tank mounted on dash.

Dimensions: Length of chassis over all, 244" regular, 288" special. Length of frame back of seat, 146" regular, 190" special. Frame overhang over rear axle, 58½" regular, 77⅝" special. Outside width of frame, 34". Length of frame back of seat to center line of rear axle, 89½" regular, 114½" special.

Standard Equipment: Front fenders, electric head and tail lights, battery, generator, horn and tools.

Special Equipment: The following can be furnished at additional cost: Chain stake body; panel stake body; front section and seat; semi-enclosed cab; three-quarter enclosed cab; enclosed cab; windshield; electric starting outfit; skid chains; pneumatic truck cord tires front and dual solid rear tires; speedometer attached to transmission; hubometer; power take-off which can be mounted on side of transmission case; battery ignition with electric lighting.
Specifications—International Model M-2

Rated Capacity: 1 ton.
Maximum Carrying Capacity: (body, equipment and pay load) 3,800 lbs.

Dimensions and Weights:
- Wheelbase: 118 in.
- Chassis Weight: (in pounds) with standard tires 3,170
  - Chassis weight, front end: 1,595
  - Chassis weight, rear end: 1,575

Chassis Dimensions: (in inches)
- Wheelbase: 118 in.
- Back of cowl to centerline of rear axle: 111
- Center line of rear axle to front tire: 105
- Center line of rear axle to driver: 133
- Length of driving compartment: 253
- Width of driving compartment: 59
- Loading space: 66.4
- Other dimensions with standard tires: (in inches)
  - Width of chassis: (over fenders) 71.4
  - Rear (without fenders): 70
  - Height from ground to top of frame (loaded): 24.8
  - At driving compartment: 13.5
  - At center line of rear axle: 25.1
  - Height from ground to floor of driving compartment: 14.1

Tread:
- Front: 59
- Rear: 60

Clearance:
- Under front axle: 10.1
- Under frame drop: 7.6
- Under rear axle: 7.1

Turning circle at center line of outside tire:
- Left: 21 ft. 1 in.
- Right: 20 ft. 4 in.

Frame:
- Pressed steel channel; depth at center drop, 6 in.; at rear, 4 in.; center drop, 11.5 in.; flange width at widest point, 23 in.; tapered to 2 in. at rear; thickness, 3 in.; three standard cross members; the axle frame, bumpers and rear engine mounting assure strength and rigidity.

Engine:
- Four-cylinder, cast in block, L-head, type: 35-in. bore, 4-in. stroke; 185.8 cu. in. displacement; N.A.C.C. rating: 21 b. h. p.; brake h. p., 39 at 2400 r.p.m. Three-point mounting with rubber-cushioned rear supports. Three bronze-backed, babbitt-lined main bearings; front, 2 x 2 1/2 in.; center, 2 x 2 in.; rear, 2 x 2 in.; total projected main bearing area, 13.75 sq. in.; connecting rod bearings, 2 x 1 1/2 in.

Lubrication:
- Pressure feed to main, camshaft, connecting rod and wrist-pin bearings. Cen face type, gear-driven oil pump. Oil capacity, 4 quarts. Pressure gun lubrication on chassis.

Cooling System:
- Pump circulation; large fin-and-tube radiator; fan and pump driven by V-type belt. Water capacity, 14 quarts.

Ignition:
- Battery; semi-automatic type, distributor moused on generator.

Generators:
- Low-speed cut-in type, 6-volt, gear-driven.

Battery:
- 6-volt, 13-plate.

Starting Motor:
- 6-volt, 2-pole type.

Carburetor:
- Vertical, balanced-flow type. Fitted with air cleaner.

Fuel System:
- Vacuum feed. 13-gallon tank under frame at rear. Gasoline filter for removing impurities.

Clutch:
- 9-in. double-disc type for longer life. Vacuum or manual-controlled clutch as driver desires.

Transmission:
- 4 speeds forward, 1 reverse, sliding-gear, selective type, mounted in unit with engine.

Transmission Ratios:
- First: 6.4 to 1; second, 3.09 to 1; third, 1.69 to 1; fourth, 1 to 1; reverse, 7.82 to 1.

Propeller Shaft:
- Large diameter, heavy-seamless-steel tubing.

Universal Joints:
- All-metal, self-contained companion flange type.

Front Axle:
- Drop-center, 1-beam, heat-treated steel drop forging. Fore and aft steering hook-up, tie rod at rear for protection.

Final Drive:
- Full-floating, spiral-bevel gear drive type. Chromolybdenum steel drive shafts. Malleable iron, banjo-type housing. Pinion, differential and axle shaft bearings are tapered rollers.

Axle Reduction:
- 6.166 to 1.

Steering Gear:
- Irreversible cam-and-lever type with large hand wheel providing easy manipulation in narrow streets or alleys.

Brakes:

Springs:
- Semi-elliptic. Front: 2 x 40 in.; rear, 2 3/4 x 46 in.; rear auxiliary, 2 1/2 x 33 in.

Wheels:
- Cast, spoke type.

Tires:
- 6.50-20 balloon tires front and rear.

Control:
- Left-hand drive. Spark, throttle and light controls on top of steering column. Accelerator, clutch, and service brake operated by pedals. Ratchet on brake pedal provides locking arrangement. Free-wheeling control button for vacuum clutch operation mounted on dash. Gear shift and emergency brake levers located in center of driving compartment.

Standard Equipment:
- Cowl and dash; front fenders; front and rear bumpers; license brackets; starter; battery; generator; horn; electric head, tail, and dash lights; air cleaner; jack and tools. Speedometer, ammeter, oil pressure gauge, heat indicator, gasoline gauge, instrument light, and choke mounted in instrument panel on dash.

Special Equipment:
- The following can be supplied at additional cost. Radiator shutter, shock absorbers, governor, International oil-type air cleaner, and oil filter. 42-case capacity milk delivery body. 7.00-20 angle front and rear balloon tires.

Finish:
- Frame, black. Wheels, green. Hood and cowl, white. Fenders, splash shields, radiator shell and head lamps, black baked-enamel.

Designed especially for door-to-door delivery service, the International Model M-2 chassis offers the utmost in reliable performance, long life, and operating economy.
**SPECIFICATIONS INTERNATIONAL MODEL M-3**

**Rated Capacity:** 1 ton.

**Maximum Carrying Capacity:** (body, equipment and payload) 3,800 Pounds

**Dimensions and Weights:**
- Wheelbase: 118 inches
- Chassis weight (including oil, fuel and water): 2,800 pounds
- Back of cowl to driving compartment: 26% of length
- Center line of rear axle to end of frame: 30% of length
- Back of cowl to center line of rear axle: 82% of length
- Length, overall (including bumpers): 181.3 inches
- Chassis weight, rear end: 1,580 pounds
- Chassis weight, front end: 1,700 pounds

**Chassis Dimensions:**
- Length: 118 inches
- Width: 62% of length
- Height from ground to floor of driving compartment: 14% of length

**Clearance:**
- Under front axle: 11 in.
- Under rear axle: 8 in.
- Turning radius with fender clearance: Left: 21 ft. 3 in.; Right: 19 ft. 6 in.

**Frame:** Pressed steel channel. Depth at center drop: 6 in.

**Chassis Weight:** 3,280 pounds

**Dimensions:**
- Frame: Pressed steel channel. Depth at center drop: 6 in.
- Tread: Front 59%, Rear 60%
- Clearances: Under front axle 11%, Under rear axle 8%
- Wheelbase: 118 inches

**Specifications:**
- Final Drive: Full-floating, spiral-bevel gear drive type.
- Steering Gear: Irreversible cam-and-lever type with large hand wheel, providing easy manipulation in narrow streets.
- Springs: Semi-elliptic, Front: 2 x 40 in.; Rear: 2% x 33 in.
- Brakes: Service: Four-wheel, hydraulic, duo-servo, self-energizing, internal expanding, two-shoe type.
- Ignition: Battery; semi-automatic type, distributor mounted on generator.
- Generator: Low-speed cut-in type, 6-volt, chain-driven.
- Transmission Reductions: First, 6.4 to 1; second, 3.09 to 1; third, 1.69 to 1; fourth, 1 to 1; reverse, 7.82 to 1.
- Propeller Shaft: Large diameter, heavy steel tubing.

**Special Equipment:**
- Fuel filter:
- Governor:
- Battery: 6-volt, 15-plate.
- Governor:
- Battery: 6-volt, 15-plate.
- Governor:
- Battery: 6-volt, 15-plate.
- Governor:
- Battery: 6-volt, 15-plate.
- Governor:
- Battery: 6-volt, 15-plate.

**Control:**
- Left-hand drive. Spark and light controls on instrument panel.

**Engine:**
- Bore: 3.5 in.
- Stroke: 3.5 in.
- Displacement: 185.7 cu. in.
- Rating: 21 h.p.; maximum brake h.p. 41.5 at 2,400 r.p.m.

**Specifications Subject to Change without Notice."
Series 200/500 Specifications

It's the championship season at your International Truck dealer, time to test drive a tough one. If you've got some hauling to do, why not haul off and give one of our light heavyweights a real workout.

**Model 200 Two-Door Pickup**

**TWO-WHEEL DRIVE MODEL**

**GVWR Packages:** Std. 6,600 lb. Opt. 7,000, 7,500, 8,200 or 9,000 lb.

**Body Sizes:** 8-ft. Regular or 8-ft. Bonus-Load pickup body.

**Wheelbase:** 132" both type bodies.

**Front Suspension:** Std. 3,500 lb. cap. dependent coil spring. Opt. 4,000 lb. cap.

**Rear Suspension:** Std. 5,500 lb. axle. Opt. 7,500 lb. cap. Ratios: 3.54, 3.73, 4.10, 4.30, 4.30, 4.87, 4.88, 5.13 to 1.

**Brakes:** Front: power disc. Rear: Self-adjusting hydraulic, 12" x 2 1/2" drum. Dual operation with warning light.

**Clutch:** Std. 10 1/2" heavy-duty, single-plate dry disc. Opt. 11" heavy-duty diaphragm type or 11" angle link.

**Electrical:** Std. 12V, 50 amp. battery, 37 amp/hr alternator. Opt. 70 amp battery, 61 or 62 amp/hr alternator.


**Transmission:** Std. 3-speed, fully-synchronized. Opt. 3-speed floor mounted; 4-speed, fully-synchronized; 5-speed direct; 5-speed with overdrive; 3-speed automatic. Auxiliary cooler for automatic transmission.

**Fuel Tank:** Std. 16 gal. Opt. 16 gal auxiliary.

**Tires & Wheels:** Std. 8.00 x 16.5 LRC on 16.5" x 6.00 JK rims.

**ALL-WHEEL DRIVE MODEL**

Has 3,500 lb. cap. driving front axle with leaf springs. Standard GVWR 8,800 lb. All other specifications are basically the same as two-wheel drive model.

**Model 200 Four-Door Travelette**

**GVWR Packages:** Model 200, 5, 6 1/2 or 8-ft. body; Std 8,200 lb. Opt. 9,000 lb.

**Wheelbases:** 5-ft. body 120"; 6 1/2-ft. body 149"; 8-ft. body 166".

**Body Sizes:** 5-ft. Bonus-Load; 6 1/2-ft. Regular or Bonus-Load; 8-ft. Regular or Bonus-Load.

**Front Suspension:** Model 200, 5, 6 1/2, 8-ft. body 3,000 lb. cap. Opt. 4,000 lb.

**Rear Suspension:** Std. 5, 6 1/2, 8-ft. body 5,500 lb. std. Opt. 7,500 lb. Ratios (depending on model): 3.54, 3.73, 4.10, 4.30, 4.67, 4.88, 5.13 to 1.

**Brakes:** Front: power disc. Rear: self-adjusting hydraulic. 12" x 2 1/2" drum. Dual operation with warning light.

**Clutch:** Std. 10 1/2" single plate dry disc. Opt. 11" heavy-duty diaphragm or 11" angle link.

**Electrical:** Std. 12V, 50 amp. battery, 37 amp/hr alternator. Opt. 70 amp. battery, 61 or 62 amp/hr alternator.


**Transmission:** Std. 3-speed, fully-synchronized. Opt. 3-speed floor mounted; 4-speed, fully-synchronized; 5-speed direct; 5-speed with overdrive; 3-speed automatic. Auxiliary cooler for automatic transmission.

**Fuel Tank:** Std. 16 gal. Opt. 16 gal auxiliary.

**Tires & Wheels:** Std. 8.00 x 16.5 LRC on 16.5" x 6.00 JK rims.

**ALL-WHEEL DRIVE AVAILABLE IN 5-FT. BODY ONLY.**

**Model 500 Chassis & Cab**

**GVWR Package:** Std. 13,840 lb. Opt. 15,000 lb.

**Wheelbases:** Std. 4,000 lb. I-beam.

**Front Suspension:** Chassis & cab 132" or 156", Model 200, 5, 6 1/2, 8-ft. body.

**Rear Suspension:** Std. 10,000 lb., full-floating hypoid axle. Ratios: 4.87, 5.57, 6.17 to 1. Opt. 12,000 lb. single or 12,000 lb. 2-speed axle.

**Brakes:** Front: 12 x 2" drum. Rear: 14" x 3" drum. Self-adjusting hydraulic, dual-operation with warning light. Opt. 15" x 4" rear brakes.

**Clutch:** Std. 10 1/2" heavy-duty, single-plate dry disc. Opt. 11" heavy-duty diaphragm type or 11" angle link.

**Electrical:** Std. 12V, 50 amp. battery, 37 amp/hr alternator. Opt. 70 amp. battery, 61 or 62 amp/hr alternator.


**Transmission:** Std. 4-speed, fully-synchronized, floor mounted. Opt. 4 or 5-speed direct or 5-speed with overdrive.

**Fuel Tank:** Std. 16 gal. Opt. 16 gal auxiliary.

**Tires & Wheels:** Std. 7.50 x 17 LRD front and dual rear tires on 17" x 6.005 rims. Opt. 7.50 x 20 LRD or E.

**NOT AVAILABLE WITH ALL-WHEEL DRIVE.**
STANDARD EQUIPMENT

CAB (Continued)
Hand throttle and choke
Dual air-operated windshield wipers
Outside extension-type rear-view mirror, left side
Laminated headliner; insulated vinyl floor mat
Cab grab handles

COOLING SYSTEM
28-quart capacity
Radiator frontal area: 597 sq. inches
3-inch deep radiator core

ELECTRICAL SYSTEM
12-volt with 37-amp alternator
Two 6-volt 150 amp-hr batteries
Fuse panel under dashboard
Combination stop and tail light
Parking lights; single electric horn
Front directional signals: double-face, fender-mounted, with guard

OPTIONAL EQUIPMENT At Adjusted Cost

CAB
Bostrom torsion-bar driver's seat
Inside rear-view mirror
Right side extension-type rear-view mirror
Right side arm rest
Tinted glass; divided windshield
Sliding rear window
Dual electric windshield wipers

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

FRAME
Heat-treated alloy-steel main rails,
10 x 3\(\frac{1}{2}\) x \(\frac{3}{4}\)"
Inner reinforcement, 9\(\frac{1}{2}\) x \(\frac{3}{8}\) x \(\frac{1}{4}\)"
Combined section modulus: 24.74
Resisting bending moment: 1,960,000 in-lbs.
Six, seven or eight crossmembers
Heavy-duty steel channel front bumper
Tubular grille guard. Front tow pin

FUEL TANK
47-gallon steel center-step safety tank, right side

SUSPENSION
Front: 3 x 52" semi-elliptic steel leaf springs
Capacity: 12,000 lbs.
Rear: Semi-elliptic steel leaf springs
3 x 56" main, 3 x 36" auxiliary
Combined capacity: 33,240 lbs.

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
11.00 x 20, 12 PR tires and tubes
Cast steel spoke wheels, with 7.50V rims

COOLING
Increased capacity system
Automatic radiator shutters

ELECTRICAL SYSTEM
55-amp alternator
Two 6-volt 200 amp-hr batteries
Cab corner lights; three cab marker lights
Rear directional signals; traffic hazard switch
Dual stop and tail lights
Dual electric horns
Single or dual air horns
**RATINGS**

**MAXIMUM GROSS VEHICLE WEIGHT........................................ 41,000 lbs.**

**STANDARD EQUIPMENT**

**CAB (Continued)**
- Laminated headliner; insulated vinyl floor mat
- Cab grab handles

**CLUTCH**
- 14-inch 15-spring single-plate, with vibration damper

**COOLING SYSTEM**
- 28-quart capacity
- Radiator frontal area: 597 sq. inches
- 3-inch deep radiator core

**ELECTRICAL SYSTEM**
- 12-volt with 37-amp alternator
- Two 6-volt 150 amp-hr batteries
- Fuse panel under dashboard
- Cab dome light; cigar lighter
- Combination stop and tail light
- Parking lights; single electric horn
- Front directional signals: double-face, fender-mounted, with guard

**ENGINE**
- International RD-450 gasoline six
- Gross BHP: 199.3 @ 3000 rpm
- Gross Torque: 418 lb-ft @ 1600 rpm
- 450 cu. in., displ.; 7.06 to 1 comp. ratio
- Oil bath air cleaner; full-flow oil filter
- Horizontal muffler and tail pipe

**FENDERS**
- Heavy-duty diamond tread plate steel fenders

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

**FRAME**
- Heat-treated alloy-steel main rails:
  - Outer channel: 10 x 3½ x ⅛
  - Inner channel: 9½ x 3½ x ¼
- Combined section modulus: 24.74
- Resisting bending moment: 1,960,000 in-lbs.
- Six, seven or eight crossmembers
- Heavy-duty steel channel front bumper
- Tubular grille guard. Front tow pin
- Rear tow pin

**FUEL TANK**
- 47-gallon steel center-step safety tank, right side

**STEERING**
- S-41 steering gear, with jointed column
- 20-inch steering wheel

**SUSPENSION**
- Front: 3 x 52" semi-elliptic steel leaf springs
  - Capacity: 12,000 lbs.
- Rear: Semi-elliptic steel leaf springs
  - 3 x 56" main, 3 x 36" auxiliary
  - Combined capacity: 33,080 lbs.

**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
  - 11.00 x 20, 12-PR tires and tubes
- Cast steel spoke wheels, with 7.50V rims

**OPTIONAL EQUIPMENT**

**AXLE, REAR**
- RA-175 29,000-lb two-speed double-reduction, with 16½ x 7" brakes
  - Ratios: 6.42/8.38

**BRACKES, SERVICE**
- 12 cu.ft. air compressor
- Semi-trailer connections, with break-away and hand control valves
- Front wheel limiting valve
- Hand control valve for chassis brakes

**CAB**
- Bostrom torsion-bar driver's seat
- Inside rear-view mirror

**FRAME**
- Heat-treated alloy-steel main rails:
  - Outer channel: 10 x 3½ x ⅛
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- Combined section modulus: 24.74
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**TRANSMISSION**
- T-62 5-speed constant-mesh, direct
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**WHEELS and TIRES**
- Single front and dual rear
  - 11.00 x 20, 12-PR tires and tubes
- Cast steel spoke wheels, with 7.50V rims

Illustration May Include Optional Equipment
INTERNATIONAL

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

GROSS VEHICLE WEIGHT RATINGS: (GVWR)

<table>
<thead>
<tr>
<th>FRONT AXLE</th>
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<th>STANDARD GVWR 31,620</th>
<th>MAXIMUM GVWR W/ADVERTISED OPTIONS 34,680</th>
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<tr>
<td></td>
<td>FA-215</td>
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<td>11.00 x 22 - 14 PR</td>
<td>20,760</td>
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<td>FFRT-GAWR</td>
<td>20,760</td>
<td>23,120</td>
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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-215 12,000-lb capacity
  - Heat-treated forged-steel I-beam

- **AXLE, REAR**
  - RA-275 29,000-lb capacity
  - Hypoid and helical gear
  - double-reduction
  - Heat-treated steel housings
  - Full-floating; induction-hardened shafts

- **BRAKE, PARKING**
  - DCM 12 x 4" drum type, at rear or transmission
  - Total lining area: 110.3 sq. inches

- **BRAKES, SERVICE**
  - Air-operated; 7½ cu-ft compressor
  - Size: 16½ x 3½" front, 16½ x 7" rear
  - Total lining area: 713.1 sq. inches
  - Single 2,430 cu. in. air reservoir
  - Low pressure warning buzzer

- **CAB (Continued)**
  - Cab grab handles
  - Fresh air heater and defroster
  - CLUTCH
  - 14-inch 15-spring single-plate, with vibration dampener
  - COOLING SYSTEM
  - 28-quat capacity
  - Radiator frontal area: 597 sq. inches
  - 3-inch deep radiator core
  - Permanent type anti-freeze —20°F
  - ELECTRICAL SYSTEM
  - 12-volt with 37-amp alternator
  - Two 6-volt 150 amp-hr batteries
  - Fuse panel under dashboard
  - Cab dome light; cigar lighter
  - Two front clearance and three identification lamps
  - Combination stop and tail light
  - Parking lights; single electric horn
  - Front directional signals: double-face, fender-mounted, with side reflectors and lamps
  - Two front clearance and three identification lamps
  - Dual stop and tail lamps; back-up light
  - Rear directional signals
  - Traffic hazard switch
  - Amber side reflectors
  - EXHAUST SYSTEM
  - Horizontal muffler and tail pipe

- **ENGINE**
  - International RD-450 gasoline six
  - Gross BHP: 202.0 @ 3000 rpm
  - Gross Torque: 422 lb-ft @ 1600 rpm
  - Oil bath air cleaner; full-flow oil filter
  - Horizontal muffler and tail pipe

- **FENDERS**
  - Heavy-duty diamond tread plate steel fenders

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

- **FRAME**
  - Heat-treated alloy-steel main rails:
    - Outer channel: 10 x 3½ x ¾"
    - Inner channel: 9½ x 3½ x ¾"
  - Combined section modulus: 24.69

- **STEERING**
  - S-41 steering gear, with jointed column
  - 20-inch steering wheel

- **SUSPENSION**
  - Front: 3 x 52" semi-elliptic steel leaf springs
  - Rear: Semi-elliptic steel leaf springs
    - 3 x 36" main, 3 x 36" auxiliary
    - Combined capacity: 33,080 lbs.

- **TRANSMISSION**
  - T-402 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
  - 11.00 x 20, 12-PR tires and tubes
  - Cast steel spoke wheels, with 7.50V rims

OPTIONAL EQUIPMENT

- **AXLE, REAR**
  - RA-175 29,000-lb two-speed double-reduction, with 16½ x 7" brakes
  - Ratio: 6.42/8.38

- **BRAKE, PARKING**
  - Piggy-back mounted spring-actuated Band type, with auxiliary transmission except with AT-540 or AT-546

- **BRAKE, PARKING (Continued)**
  - Extra 462 cu-in air tank to release spring-loaded brakes

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

- **FRAME**
  - Heat-treated alloy-steel main rails:
    - Outer channel: 10 x 3½ x ¾"
    - Inner channel: 9½ x 3½ x ¾"
  - Combined section modulus: 24.69

- **STEERING**
  - S-41 steering gear, with jointed column
  - 20-inch steering wheel

- **SUSPENSION**
  - Front: 3 x 52" semi-elliptic steel leaf springs
  - Capacity: 12,000 lbs.
  - Rear: Semi-elliptic steel leaf springs
    - 3 x 56" main, 3 x 36" auxiliary
    - Combined capacity: 33,080 lbs.

- **TRANSMISSION**
  - T-402 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
  - 11.00 x 20, 12-PR tires and tubes
  - Cast steel spoke wheels, with 7.50V rims

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

- **FRAME**
  - Heat-treated alloy-steel main rails:
    - Outer channel: 10 x 3½ x ¾"
    - Inner channel: 9½ x 3½ x ¾"
  - Combined section modulus: 24.69

- **STEERING**
  - S-41 steering gear, with jointed column
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- **SUSPENSION**
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  - Capacity: 12,000 lbs.
  - Rear: Semi-elliptic steel leaf springs
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- **TRANSMISSION**
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- **WHEELS and TIRES**
  - Single front and dual rear
  - 11.00 x 20, 12-PR tires and tubes
  - Cast steel spoke wheels, with 7.50V rims

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

- **FRAME**
  - Heat-treated alloy-steel main rails:
    - Outer channel: 10 x 3½ x ¾"
    - Inner channel: 9½ x 3½ x ¾"
  - Combined section modulus: 24.69

- **STEERING**
  - S-41 steering gear, with jointed column
  - 20-inch steering wheel

- **SUSPENSION**
  - Front: 3 x 52" semi-elliptic steel leaf springs
  - Capacity: 12,000 lbs.
  - Rear: Semi-elliptic steel leaf springs
    - 3 x 56" main, 3 x 36" auxiliary
    - Combined capacity: 33,080 lbs.

- **TRANSMISSION**
  - T-402 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
  - 11.00 x 20, 12-PR tires and tubes
  - Cast steel spoke wheels, with 7.50V rims
### Optional Equipment (Continued)

#### Brakes, Service
- 12 cu. ft. air compressor
- Semi-trailer connections, with break-away and hand control valves
- Front wheel limiting valve
- Hand control valve for chassis brakes

#### Cab
- Bostrom torsion-bar driver’s seat
- Inside rear-view mirror
- Right side extension rear-view mirror
- Right side arm rest
- Tinted glass; divided windshield
- Sliding rear window
- King size rear view mirrors

#### Electrical System
- 55-amp alternator
- Two 6-volt 200 amp-hr batteries
- Dual electric horns; dual air horns
- Transistorized ignition system

#### Cooling System
- Increased capacity system
- Automatic radiator shutters, for RD-450, RD-501

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

#### Engine
- RD-501 214.8-BHP gasoline six
- V-478 234-BHP gasoline V8
- V-549 256.8-BHP gasoline V8
- Tachometer; oil cooler
- High-altitude equipment, for RD-501

#### Transmission
- T-132 heavy-duty 5-speed, direct
- T-401 5-speed, direct; 1.16 fourth gear
- T-403 5-speed, direct; 1.57 fourth gear
- T-411 heavy-duty 5-speed, direct; 1.16 fourth gear
- T-412 heavy-duty 5-speed, direct; 1.37 fourth gear
- T-413 heavy-duty 5-speed, direct; 1.57 fourth gear
- 3-speed auxiliaries, with or without PTO’s

#### Steering
- Hydraulic power assist system, with dual power cylinders and oil cooler

#### Fuel Tanks
- Dual 47-gallon steel center-step safety tanks
- Right, left or dual 63-gallon steel center-step safety tanks
- Single or dual electric in-tank fuel pumps

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

---

### Dimensions and Weights

#### Dimensions Common to All Wheelbases, with 11.00 x 20 Tires

<table>
<thead>
<tr>
<th>Overall Width: 92&quot; at front fenders</th>
<th>Ground Clearance: 9.5&quot; at front axle</th>
<th>Frame Height at Rear Axle: 42.4&quot; empty</th>
</tr>
</thead>
<tbody>
<tr>
<td>Overall Height: 96&quot; at top of cab</td>
<td>10.6&quot; at rear axle</td>
<td>39&quot; loaded</td>
</tr>
</tbody>
</table>

#### Chassis Dimensions and Weights

<table>
<thead>
<tr>
<th>WBf</th>
<th>Front</th>
<th>Rear</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>157&quot;</td>
<td>6,370</td>
<td>5,655</td>
<td>12,025</td>
</tr>
<tr>
<td>175&quot;</td>
<td>6,590</td>
<td>5,575</td>
<td>12,165</td>
</tr>
<tr>
<td>193&quot;</td>
<td>6,795</td>
<td>5,505</td>
<td>12,300</td>
</tr>
<tr>
<td>211&quot;</td>
<td>6,965</td>
<td>5,450</td>
<td>12,415</td>
</tr>
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</table>

#### Turning Radius

<table>
<thead>
<tr>
<th>To Centerline of Tire</th>
<th>With Bumper Clearance</th>
</tr>
</thead>
<tbody>
<tr>
<td>25 ft. 4 in.</td>
<td>27 ft. 5 in.</td>
</tr>
<tr>
<td>28 ft. 0 in.</td>
<td>30 ft. 0 in.</td>
</tr>
<tr>
<td>30 ft. 7 in.</td>
<td>32 ft. 7 in.</td>
</tr>
<tr>
<td>33 ft. 2 in.</td>
<td>35 ft. 3 in.</td>
</tr>
</tbody>
</table>

#### Center Bearing Requirements

See Chart on Page 8-21 of CT-400 Sales Data Book

---

### Tire Dimensions

<table>
<thead>
<tr>
<th>Tire Size</th>
<th>Cast Wheels</th>
<th>Disc Wheels</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rim Size</td>
<td>11.00x20</td>
<td>11.00x22</td>
</tr>
<tr>
<td></td>
<td>7.50V</td>
<td>7.50V</td>
</tr>
<tr>
<td>Outside width OW</td>
<td>95.9&quot;</td>
<td>95.8&quot;</td>
</tr>
<tr>
<td>Tread TW</td>
<td>71.9&quot;</td>
<td>71.9&quot;</td>
</tr>
<tr>
<td>Inside width IW</td>
<td>48.0&quot;</td>
<td>48.0&quot;</td>
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<tr>
<td>Chain clearance</td>
<td>2.5&quot;</td>
<td>2.5&quot;</td>
</tr>
<tr>
<td>Front Tread</td>
<td>77.4&quot;</td>
<td>77.4&quot;</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. INTERNATIONAL HARVESTER COMPANY • 401 NORTH MICHIGAN AVE. • CHICAGO, ILLINOIS 60611*
**RATING**

**MAXIMUM GROSS VEHICLE WEIGHT**

41,000 lbs.

---

**STANDARD EQUIPMENT**

**CAB (Continued)**

- Hand throttle and choke
- Dual air-operated windshield wipers
- Outside extension-type rear view mirror, left side
- Laminated headliner; insulated vinyl floor mat
- Cab grab handles

**COOLING SYSTEM**

- 36.7-quart capacity
- Radiator frontal area: 881 sq. inches
- 3-inch deep radiator core
- Automatic radiator shutters

**ELECTRICAL SYSTEM**

- 12-volt with 55-amp alternator
- Four 6-volt 150-amp-hr batteries
- Fuse panel under dashboard
- Cab dome light; cigar lighter
- Combination stop and tail light
- Parking lights; single electric horn
- Front directional signals: double-face, fender-mounted, with guard

**ENGINE**

- Cummins NH-180 diesel six
  - Gross BHP: 180 @ 2100 rpm
  - Gross Torque: 505 lb-ft @ 1450 rpm
  - 672 cu. in. displ.; 15.5 to 1 comp. ratio
  - Oil bath air cleaner; full-flow oil filter
  - Vertical muffler and exhaust pipe

**FENDERS**

- Heavy-duty diamond tread plate steel fenders

**FINISH**

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

**FRAME**

- Heat-treated alloy-steel main rails, 10 x 3\(\frac{1}{4}\) x \(\frac{3}{8}\)
- Inner reinforcement, 9\(\frac{1}{8}\) x 3\(\frac{3}{8}\) x 3\(\frac{3}{8}\)
- Combined section modulus: 24.74
- Resisting bending moment: 1,960,000 in-lbs.
- Six, seven or eight crossmembers
- Heavy-duty steel channel front bumper
- Tubular grille guard. Front tow pin

**FUEL TANK**

- 47-gallon steel center-step safety tank, right side

**STEERING**

- S-41 steering gear, with jointed column
- 20-inch steering wheel

**SUSPENSION**

- Front: 3 x 52" semi-elliptic steel leaf springs
  - Capacity: 12,000 lbs.
- Rear: Semi-elliptic steel leaf springs
  - 3 x 56" main, 3 x 36" auxiliary
  - Combined capacity: 33,240 lbs.

**TRANSMISSION**

- T-104 5-speed, direct
- Ratios: 6.60, 3.61, 1.98, 1.17, 1.00; 6.51 rev

**WHEELS and TIRES**

- Single front and dual rear 11.00 x 20, 12 PR tires and tubes
- Cast steel spoke wheels, with 7.50V rims

---

**OPTIONAL EQUIPMENT At Adjusted Cost**

**CAB (Continued)**

- Bostrom torsion-bar driver's seat
- Inside rear-view mirror
- Right side extension-type rear-view mirror
- Right side arm rest
- Tinted glass; divided windshield
- Fresh air or recirculating heater-defroster
- Sliding rear window
- Dual electric windshield wipers

**ELECTRICAL SYSTEM**

- 62-amp alternator
- Four 6-volt 200 amp-hr batteries
- Cab corner lights; three cab marker lights
- Rear directional signals; traffic hazard switch
- Dual stop and tail lights
- Dual electric horns
- Single or dual air horns

**ENGINE**

- NHE-180 Cummins 180-BHP diesel
- NHE-195 Cummins 195-BHP diesel
# 210-D

## Rating

| Maximum Gross Vehicle Weight | 41,000 lbs |

## Standard Equipment

<table>
<thead>
<tr>
<th>Axle, Front</th>
<th>41,000 lb capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Axle, Rear</td>
<td>29,000 lb capacity</td>
</tr>
</tbody>
</table>

### Axle, Rear
- Light and herringbone gear
- Double-reduction
- Heat-treated steel housing
- Full-floating induction-hardened shafts
- Ratio: 5.91, 6.51, 7.21, 7.79, 8.69, 9.76

### Brake, Parking
- Gyro-back mounted spring-actuated
- 2462 cu-in air tank to release spring-loaded brakes

### Brake, Service
- Semi-trailer connections, with break-away and hand control valves
- Front wheel limiting valve
- Hand control valve for chassis brakes

### Cab
- Bostrom torsion-bar driver's seat
- Inside rear-view mirror
- Dual electric windshield wipers

### Engine
- Cummins NH-180 diesel six
- Gross BHP: 180 @ 2100 rpm
- Gross Torque: 505 lb-ft @ 1450 rpm
- Oil bath air cleaner; full-flow oil filter
- Vertical muffler and exhaust pipe

### Electrical System
- 12-volt with 55-amp alternator
- Four 6-volt 150 amp-hr batteries
- Fuse panel under dashboard
- Cab dome light; cigar lighter
- Combination stop and tail light
- Parking lights; single electric horn
- Front directional signals: double-face, fender-mounted, with guard

### Cooling System
- 36.7 quart capacity
- Radiator frontal area: 881 sq. inches
- 3-inch deep radiator core
- Automatic radiator shutters

### Clutch
- 14-inch two-plate with vibration damper

### Transmission
- T-104 5-speed, direct
- Ratios: 6.60, 3.61, 1.98, 1.17, 1.00; 6.51 rev.

### Wheels and Tires
- Single front and dual rear
- Cast steel spoke wheels, with 7.50V rims

### Optional Equipment

<table>
<thead>
<tr>
<th>Axle, Rear</th>
<th>29,000 lb two-speed double-reduction, with 16 1/2 x 7&quot; brakes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Brake, Parking</td>
<td>Pig-back mounted spring-actuated</td>
</tr>
</tbody>
</table>

Illustration May Include Optional Equipment
GROSS VEHICLE WEIGHT RATINGS: (GVWR)

<table>
<thead>
<tr>
<th></th>
<th>STANDARD GVWR 31,620</th>
<th>MAXIMUM GVWR W/ADVERTISED OPTIONS 34,660</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>FRONT AXLE</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Spring</td>
<td>FA-215 12,000</td>
<td>FA-215 12,000</td>
</tr>
<tr>
<td>Tire</td>
<td>Standard 11.00 x 20 - 12 PR 10,860</td>
<td>Standard 11.00 x 22 - 14 PR 11,660</td>
</tr>
<tr>
<td></td>
<td>FR-GAWR 10,860</td>
<td></td>
</tr>
<tr>
<td><strong>REAR AXLE</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Spring</td>
<td>RA-275 29,000</td>
<td>RA-275 29,000</td>
</tr>
<tr>
<td>Tire</td>
<td>Standard 11.00 x 20 - 12 PR 20,760</td>
<td>Standard 11.00 x 22 - 14 PR 23,120</td>
</tr>
<tr>
<td></td>
<td>RR-GAWR 20,760</td>
<td></td>
</tr>
</tbody>
</table>

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-215 12,000-lb capacity
  - Heat-treated forged-steel I-beam
- **AXLE, REAR**
  - RA-275 29,000-lb capacity
  - Hypoid and herringbone gear double-reduction
  - Heat-treated steel housing
  - Full-floating: induction-hardened shafts
- **BRAKE, PARKING**
  - 12 x 5" band type, at rear of transmission
- **BRAKES, SERVICE**
  - Air-operated, with 12 cu-ft compressor
  - Size: 16\1/4 x 3\1/2" front, 16\1/2 x 7" rear
  - Total lining area: 713.1 sq. inches
- **CAB**
  - All steel, with safety glass windows
  - Door locks both sides; safety latches
  - Individual driver's seat, with foam-rubber cushion and back rest
  - Individual passenger seat, same as driver's
  - Driver's arm rest
  - Dual sun visors; ash tray
  - Ammeter; fuel, water temp., air and oil pressure gauges
  - Speedometer, odometer, tachometer
  - Dual air-operated windshield wipers
  - Electric windshield washers
  - Extension rear view mirror, left side
  - Laminated headliner; insulated vinyl floor mat
  - Cab grab handles
  - Fresh air heater and defroster
- **CLUTCH**
  - 14-inch two-plate with vibration damper
- **COOLING SYSTEM**
  - 5 quart capacity
  - Radiator frontal area: 873 sq. inches
  - 3-in deep radiator core
  - Automatic radiator shutters
  - Bolted radiator w/de-aeration system
  - Permanent anti-freeze -20°F
- **ELECTRICAL SYSTEM**
  - 12-volt with 55-amp alternator
  - Four 6-volt 150 amp-hr batteries
  - Fuse panel under dashboard
  - Cab dome light; cigar lighter
  - Combination stop and tail light
  - Rear directional signals
  - Traffic hazard switch
  - Amber side reflectors
  - Two front clearance and three identification lamps
- **FENDERS**
  - Heavy-duty diamond tread plate steel fenders
- **ENGINE**
  - Cummins NH-200 diesel six
  - Gross BHP: rpm 200 @ 2100 rpm
  - Gross Torque: 590 @ 1500 rpm
  - Oil bath air cleaner; full-flow oil filter
  - Vertical muffler and exhaust pipe
- **FINISH**
  - Frame, bumper, wheels and fuel tank: black
  - Hood, cab and fenders: choice of any standard IH color
- **FRAME**
  - Heat-treated alloy-steel main rails:
  - Outer channel: 10 x 3\1/2 x 3/16" x 3/16" x 3/8" rear
  - Inner channel: 9\1/2 x 3\1/2 x 5/8" x 3/4" rear
  - Combined section modulus: 24.69
  - Resisting bending moment: 2,714,800 in-lbs.
- **FUEL TANK**
  - 47-gallon steel center-step safety tank, right side
- **STEERING**
  - S-41 steering gear, with jointed column
  - 20-inch steering wheel
- **SUSPENSION**
  - Front: 3 x 52" semi-elliptic steel leaf springs
  - Capacity: 12,000 lbs.
  - Rear: Semi-elliptic steel leaf springs
  - 3 x 56" main, 3 x 36" auxiliary
  - Combined capacity: 33,080 lbs.
- **TRANSMISSION**
  - T-135 5-speed, direct
  - Ratios: 6.60, 3.61, 1.98, 1.17, 1.00; 6.51 rev.
- **WHEELS and TIRES**
  - Single front and dual rear 11.00 x 20, 12-PR tires and tubes
  - Cast steel spoke wheels, with 7.50V rims

### OPTIONAL EQUIPMENT

- **AXLE, REAR**
  - RA-175 29,000-lb two-speed double-reduction, with 16\1/2 x 7" brakes
  - Ratio: 6.42/3.38
- **BRAKE, PARKING**
  - DCM 12 x 4" drum type for AT-540, AT-546 aux. trans.
  - DCM 12 x 6" piggy-back mounted spring-actuated
  - Extra 462 cu-in air tank to release spring-loaded brakes
### OPTIONAL EQUIPMENT (Continued)

#### BRAKES, SERVICE
- Semi-trailer connections, with break-away and hand control valves
- Front wheel limiting valve
- Hand control valve for chassis brakes

#### CAB
- Bostrom torsion-bar driver's seat
- Inside rear-view mirror
- Right side extension rear-view mirror
- Right side arm rest
- Tinted glass; divided windshield
- Sliding rear window

#### ELECTRICAL SYSTEM
- 62-amp alternator
- Four 6-volt 200 amp-hr batteries
- Single or dual air horns
- Dual electric horns
- Single or dual air horns
- 63-gallon left and 47-gallon right steel center-step safety tanks

#### ENGINE
- NH-230 Cummins 230-BHP diesel
- NH-250 Cummins 250-BHP diesel
- Tachometer; Luberfiner 14-qt.

#### FRAME
- Fishplate reinforcement
- Rear tow loop; pintle hook

#### FUEL TANKS
- Dual 47-gallon steel center-step safety tanks
- 63-gallon steel center-step safety tank, left side
- 63-gallon steel center-step safety tank, right side

#### STEERING
- Hydraulic power assist system, with dual power cylinders

#### TRANSMISSION
- T-130 10-speed Roadranger, direct
- T-132 5-speed, direct
- T-265 5-speed, overdrive
- T-355 (7452-A) 5-speed, constant-mesh, direct
- T-356 (7452-B) 5-speed, constant-mesh, direct
- AT-540 or AT-546 3-speed auxiliaries

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

---

### Dimensions and Weights

#### DIMENSIONS COMMON TO ALL WHEELBASES, with 11.00 x 20 Tires

<table>
<thead>
<tr>
<th>Overall Width: 92&quot; at front fenders</th>
<th>Overall Height: 96&quot; at top of cab</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ground Clearance: Total</td>
<td>Frame Height at Rear Axle: Total</td>
</tr>
<tr>
<td>9.5&quot; at front axle</td>
<td>10.5&quot; at rear axle</td>
</tr>
<tr>
<td>10.5&quot; at rear axle</td>
<td></td>
</tr>
</tbody>
</table>

#### CHASSIS DIMENSIONS and Weights

<table>
<thead>
<tr>
<th>CHASSIS WEIGHTS, LBS.*</th>
<th>DIMENSIONS</th>
<th>TURNING RADIUS</th>
<th>CENTER BEARING REQUIREMENT</th>
</tr>
</thead>
<tbody>
<tr>
<td>WB†</td>
<td>CA</td>
<td>CF</td>
<td>AF OAL</td>
</tr>
<tr>
<td>157&quot;</td>
<td>7,590</td>
<td>6,210</td>
<td>13,800</td>
</tr>
<tr>
<td>175&quot;</td>
<td>7,895</td>
<td>6,045</td>
<td>13,940</td>
</tr>
<tr>
<td>193&quot;</td>
<td>8,135</td>
<td>5,940</td>
<td>14,075</td>
</tr>
<tr>
<td>211&quot;</td>
<td>8,330</td>
<td>5,855</td>
<td>14,185</td>
</tr>
</tbody>
</table>

*With cab, standard equipment and tires, oil, fuel and water.

† Other wheelbases available to meet special requirements.

**Minimum wheelbase for auxiliary transmission=147" with RA-175; 155" with RA-275.

### TIRE DIMENSIONS

<table>
<thead>
<tr>
<th>Tire Size</th>
<th>CAST WHEELS</th>
<th>DISC WHEELS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rim Size</td>
<td>11.00x20</td>
<td>11.00x22</td>
</tr>
<tr>
<td>7.50V</td>
<td>95.9&quot;</td>
<td>95.8&quot;</td>
</tr>
<tr>
<td>7.50V</td>
<td>71.9&quot;</td>
<td>71.9&quot;</td>
</tr>
<tr>
<td>48.0&quot;</td>
<td>48.0&quot;</td>
<td>48.0&quot;</td>
</tr>
<tr>
<td>2.5&quot;</td>
<td>2.5&quot;</td>
<td>2.0&quot;</td>
</tr>
<tr>
<td>77.4&quot;</td>
<td>77.4&quot;</td>
<td>77.6&quot;</td>
</tr>
</tbody>
</table>

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

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

<table>
<thead>
<tr>
<th>Dimensions (in inches)</th>
<th>Weight (in pounds)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wheelbase (WB)</td>
<td>142</td>
</tr>
<tr>
<td>Cab to Rear Axle (CA)</td>
<td>157</td>
</tr>
<tr>
<td>Rear Axle to End Frame (AF)</td>
<td>175</td>
</tr>
<tr>
<td>Tread—Front (BF)</td>
<td>905/8</td>
</tr>
<tr>
<td>Tread—Rear (BR)</td>
<td>954/8</td>
</tr>
<tr>
<td>Overall Width (OW)</td>
<td>954/8</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Gear Ratios</th>
</tr>
</thead>
<tbody>
<tr>
<td>First</td>
</tr>
<tr>
<td>Second</td>
</tr>
<tr>
<td>Third</td>
</tr>
<tr>
<td>Fourth</td>
</tr>
<tr>
<td>Fifth</td>
</tr>
<tr>
<td>Reverse</td>
</tr>
</tbody>
</table>

Transmission (Optional): Eight speeds forward, two reverse, direct in eighth. Reductions: First, 9.78 to 1; second, 6.98 to 1; third, 4.99 to 1; fourth, 3.68 to 1; fifth, 2.66 to 1; sixth, 1.90 to 1; seventh, 1.36 to 1; eighth, 1 to 1; reverse, 11.01 to 1 and 2.99 to 1.

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

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

Frame: Pressed steel channel, 9x5 1/2 x 3 1/2 in.

Engine: International Royal Red Diamond 501, six-cylinder, valve-in-head type, 501 cu. in.; compression ratio, 6.5:1; A.M.A. rating, 48.6 hp.; maximum brake hp., 201 at 3000 r.p.m., net 181 at 2600 r.p.m. Maximum torque, 430 lb.-ft. at 1400-1800 r.p.m., net 412 lb.-ft. at 1000-1600 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 sodium-cooled exhaust valves.

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.


Ignition: 12-volt; full-automatic distributor.

Generator: 12-volt, 30-ampere, shunt-wound, belt-driven.

Lights: Sealed-beam headlamps.

Batteries: Two 6-volt.

Starting Motor: 12-volt.

Carburetor: Large-capacity, 4-barrel, downdraft type with integral mechanical-vacuum governor. Oil-bath type air cleaner.

Fuel System: Mechanical fuel pump driven from camshaft. Step-type, 60-gal. fuel tank.

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

Transmission (Standard): Five speeds forward, one reverse, overdrive in fifth. Reductions: First, 6.37 to 1; second, 3.404 to 1; third, 1.738 to 1; fourth, 1 to 1; fifth, 0.788 to 1; reverse, 6.40 to 1.

Transmission (Optional): 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 to 1; reverse, 8.12 to 1.

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.

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

Wheels: Cast spoke, malleable iron.

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

Recommended Tires: 10.00-20, 12-ply, Model 220; 11.00-20, 12-ply, Model 221; 11.00-22, 12-ply, Model 222.

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: Flat-back cowl and dash; sealed-beam headlamps; 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 order: Comfo-Vision cab, space-saver cab or sleeper; high transmission; auxiliary transmissions; inverted L-type frame reinforcement; auxiliary fuel tank; increased cooling; heavy-duty front axle; optional tires; disc-type wheels; 12-volt, 50-ampere generator, two-speed axle with electric shift; five-speed or eight-speed direct in high transmission; auxiliary transmissions; inverted L-type frame reinforcement; auxiliary fuel tank; increased cooling; heavy-duty front axle.

Regular Cab: Standard equipment—ash tray; right-side door lock; floor mat; extension left-side rear-view mirror; left-side arm rest; dome light; cigar lighter; safety glass windows and windshield; individual driver's foam-rubber seat and cushion; right and left-side sun visor; dual-type right and left-side electric windshield wipers; ventilating wings. Optional equipment—green-tinted safety glass; fresh-air or recirculating-type heater and defroster; optional rear-view mirror; foam-rubber, full-width seat and cushion.

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

Specifications subject to change without notice.
CHASSIS DIMENSIONS

Dimensions are given in inches. Lengths are shown on diagram above. Other dimensions based on use of 6.50 x 15 tires, include:

- **Tread:** Front wheels, 60.5; rear, 60.8
- **Road Clearance:** Front, 6.7; rear, 9.7
- **Over-all Width:** Front, 78; rear, 70.5
- **Turning Radius** with bumper clearance: 19 ft.
- **Maximum Height** to top of frame from ground, at rear axle, loaded: 22.1
- **Weight** with cab, fuel, oil, water and standard equipment, approx.: 2,900 lb.

STANDARD EQUIPMENT

**Axle, Front:**
FA-1. Rated Capacity, 2,500 lb.
Heat-treated forged steel I-beam.

**Axle, Rear:**
RA-1. Rated capacity, 3,300 lb.
Ratio: 4.09 to 1.
Single reduction, semi-floating.
Hypoid, overhung pinion, 8½-in. ring gear.
Induction-hardened steel axle shafts.
Heat-treated housing, bolted-on cover.

**Brake, Parking and Emergency:**
Rear wheel, internal-expanding.
Effective lining area, 82.8 sq. in.
Pedal applied, finger released.

**Brakes, Service:**
Hydraulic. Total effective lining area, 176.8 sq. in.
Front, one-way Servo, 11 x 2 in.
Rear, duo-Servo, 11 x 1 ¾ in.

**Cab:**
All-steel with safety glass windows.
Adjustable full-width foam rubber padded seat.
Contoured instrument panel. Initialed control knobs.

**Cab (continued):**
Individual gauges for all engine functions.
Fuse panel with labeled fuses inside map compartment.
Adjustable-tension wing windows.
Dual two-speed electric windshield wipers.
Inside overhead rear-view mirror.
Door locks, safety latches and hold-open stops.
Insulated headliner and heavy-duty floor mat.
Ash tray. Sun visor, driver's side.

**Clutch:**
10-in. diameter, 6-spring, hydraulic control.
Single plate, dry disc, with vibration dampener.

**Cooling System:**
Coolant capacity, 16 qt.
Centrifugal pump, V-belt driven.
Fin and tube radiator. Large capsule thermostat.

**Electrical System:**
12 volt with 32-amp. internal-rectifying alternator.
42-plate, 40-amp.-hr. battery.
Solenoid-operated starting motor.
Sealed-beam headlights. Parking lights.
Combination tail and stop light. Horn.
**Engine:**
International 4-152, four-cylinder, gasoline. 
Gross brake horsepower, 93.4 at 4,400 rpm. 
Gross torque, 142.7 lb.-ft. at 2,400 rpm. 
Bore, 3\(\frac{3}{8}\) in.; stroke, 3\(\frac{3}{16}\)2 in.; displacement, 152 cu. in. 
Compression ratio, 8 to 1. 
Oil capacity (refill), 4 qt. Full flow oil filter. 
Positive crankcase ventilation.

**Finish:**
Cab and sheet metal, extensively rust-inhibited, painted your choice of 13 standard solid colors. 
Frame and bumper, black. 
Wheels, same color as sheet metal. 
Front grille insert, anodized aluminum.

**Frame:**
Pressed steel channel, 7 x 3 x \(\frac{3}{8}\)2 in. 
Section modulus, 3.98. 
Front bumper.

**Fuel System:**
Diaphragm fuel pump, camshaft driven. 
Downdraft carburetor. Ceramic fuel filter.

**Fuel System (continued):**
15-gal. fuel tank, right side, under cab. 
One-quart oil-bath air cleaner.

**Springs:**
Semi-elliptic steel leaf. 
Front, 2\(\frac{1}{2}\) x 46 in. 
Rear, 2\(\frac{1}{2}\) x 52 in. 
Shock absorbers, front and rear.

**Steering System:**
Variable-ratio gear, outboard mounted, 17-in. diameter safety steering wheel.

**Tires:**
6.50 x 15 PC, 4-ply, tubeless, front, single rear and spare.

**Transmission:**
International T-13, three-speed, synchromesh. 
Ratios: 3.389, 1.851 and 1.00 to 1; reverse, 4.531 to 1.

**Wheels:**
Steel disc with 5.00K rims. Hub caps.

---

**OPTIONAL EQUIPMENT AT ADJUSTED COST**

**Axle, Rear:**

**Body:**
Pickup, standard, 6-ft. inside length. 
Includes underslung tire carrier, dual tail lights.

**Cab Equipment:**
Sun visor, right side. Arm rests. 
Cigar lighter. Map compartment lock. 
Heater and defroster, fresh air or recirculating.

**Clutch:**
10-in., 9-spring, or 11-in., 9-spring.

**Controls:**
Right-hand drive.

**Electrical System:**
52-amp. alternator. 60-amp.-hr. battery. 
Directional signals, front and rear. Hazard switch. 
Dual stop and tail lights. Dual electric horns.

**Engine Equipment:**
Increased capacity cooling. 
Hand throttle control.

**Frame:**
Rear bumper, black. 
Front or rear bumper, chrome.

**Tires:**
Optional sizes, types and treads. 
Underslung tire carrier. Spare tire lock.

---

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

<table>
<thead>
<tr>
<th></th>
<th>Standard</th>
<th>With 8.15 x 15 Tires and Progressive Rear Springs</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>4,200 lbs.</td>
<td>4,600 lbs.</td>
</tr>
</tbody>
</table>

**AXLE, FRONT**

FA-1 2,500-lb capacity Heat-treated forged-steel I beam

**AXLE, REAR**

RA-18 3,500-lb capacity Hypoid single reduction, 8½" ring gear Semi-floating induction-hardened flanged shafts

| Ratios: 3.31, 3.54 or 3.73 |

**BODY**

6 ft. 8 in. regular or Bonus-Load pick-up with inner body tire carrier

**BRAKE, PARKING**

Mechanical control of rear service brakes Foot pedal applied, finger lever released Total lining area: 81.9 sq. inches

**BRAKES, SERVICE**

Self-adjusting hydraulic, dual operation with warning light

**BRAKES**

Single-cylinder, single-piston front, single-cylinder, double-piston rear

Size: 12 x 2" front, 11 x 1¼" rear Total area: 179.7 sq. inches

**CAB**

All steel with safety glass windows and sweep-around windshield

Door locks both sides with safety latches Non-glare padded instrument panel with ammeter, fuel, water temperature and oil pressure gauges

Full-width adjustable seat with Torflex spring construction, vinyl upholstery and polyurethane foam cushion

**CLUTCH**

10-inch 3 spring, single-plate

**COOLING SYSTEM**

20-quart system capacity

**ENGINE**

International V-266 gasoline, V-8

Gross BHP: 154.8 @ 4400 rpm

Gross torque: 227.1 lb/ft @ 2800 rpm

266 cu. in. displmt; 8.4 comp ratio

Oil bath air cleaner; full-flow oil filter

**FRAME**

Pressed steel channel main rails

**SUSPENSION**

Progressive rear springs

**TRANSMISSION**

T-44 4-speed synchromesh, direct

**WHEELS AND TIRES**

8.15 x 15, 4-PR tubeless tires

Deluxe chrome hub caps, front and rear

**FINISH**

Chassis—black; bumper—white

Cab, body and wheels: choice of any standard IH color

Pressed steel channel front bumper

19-gallon, mounted under cab

S-9 gear, with 17-inch steering wheel

Semi-elliptic steel leaf springs

Front: 2½ x 46"; 2,310-lb capacity
Rear: 2½ x 52"; 2,210-lb capacity

Front and rear shock absorbers

T-13 3-speed synchromesh, direct

Floor mounted gear shift lever

Ratios: 3.34, 1.85, 1.00; 4.53 rev.

Single front and rear, with spare

7.75 x 15, 4-PR tubeless tires

5-stud disc wheels, with 5.50 K rims

5½" bolt circles

Painted hub caps, front and rear

**CLUTCH**

11-inch 9 spring

**COOLING SYSTEM**

Increased capacity cooling

Permanent anti-freeze: —20°F

**ENGINE**

Hand throttle control; automatic choke

Exhaust emission control

**FRAME**

Chrome front or rear bumper

White rear bumper

**SUSPENSION**

Progressive rear springs

**TRANSMISSION**

T-44 4-speed synchromesh, direct

**WHEELS AND TIRES**

8.15 x 15, 4-PR tubeless tires

Deluxe chrome hub caps, front and rear
## 1310/1510 Specifications

<table>
<thead>
<tr>
<th></th>
<th>1310</th>
<th>1510</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>GVW Range, Lbs.,</strong></td>
<td><strong>Standard</strong> 7,000 8,000, 9,000 or 10,000**</td>
<td><strong>Optional</strong> 13,640 15,000</td>
</tr>
<tr>
<td><strong>Wheelbase, Inches,</strong></td>
<td><strong>Standard</strong> 131, 134, 149,* 156</td>
<td><strong>Optional</strong> 132, 156</td>
</tr>
<tr>
<td><strong>Axle, Front Capacity, Lbs.</strong></td>
<td>1 Beam 3,800</td>
<td>1 Beam 4,000</td>
</tr>
<tr>
<td><strong>Axle, Rear (New Improved) Capacity, Lbs.</strong></td>
<td>Full Floating Hypoid 7,500</td>
<td>Full Floating Hypoid 10,000—12,000</td>
</tr>
<tr>
<td><strong>Ratios</strong></td>
<td>4.30, 4.87</td>
<td>4.87, 5.57, 6.17</td>
</tr>
<tr>
<td><strong>Brake Service Size, Front</strong></td>
<td>12 x 3&quot;</td>
<td>12 x 3&quot;</td>
</tr>
<tr>
<td><strong>Size, Rear</strong></td>
<td>12 x 3&quot;</td>
<td>1 4/1/2 x 3&quot; 15 x 4&quot;***</td>
</tr>
<tr>
<td><strong>Total Lining Area</strong></td>
<td>294.6</td>
<td>333.0 407.3</td>
</tr>
<tr>
<td><strong>Clutch, Standard Optional</strong></td>
<td>Single Plate Dry Disc 10 1/2&quot;</td>
<td>Single Plate Dry Disc 10 1/2&quot;</td>
</tr>
<tr>
<td><strong>Electrical, Optional</strong></td>
<td>11-inch H.D. Diaphragm Type</td>
<td>11-inch H.D. Diaphragm Type</td>
</tr>
<tr>
<td></td>
<td>11-inch Angle Link</td>
<td>11-inch Angle Link</td>
</tr>
<tr>
<td></td>
<td>12-Volt, 37 Amp. Alternator</td>
<td>12-Volt, 37 Amp. Alternator</td>
</tr>
<tr>
<td></td>
<td>50-Amp. Hr., 54-Plate Battery</td>
<td>50-Amp. Hr., 54-Plate Battery</td>
</tr>
<tr>
<td></td>
<td>61 Amp. Alternator</td>
<td>61 Amp. Alternator</td>
</tr>
<tr>
<td></td>
<td>60 or 70 Amp. Hr. Battery</td>
<td>60 or 70 Amp. Hr. Battery</td>
</tr>
<tr>
<td><strong>Engine, Standard Optional V-8</strong></td>
<td>International 6-258 Powe V-304 304 cu. in., 6 cyl. SAE Net Hp 102</td>
<td>International 6-258 Powe V-304 304 cu. in., 6 cyl. SAE Net Hp 102</td>
</tr>
<tr>
<td></td>
<td><strong>V-8 SAE Net Hp 126 w/Dual Exhaust 140</strong></td>
<td><strong>V-8 SAE Net Hp 126 w/Dual Exhaust 140</strong></td>
</tr>
<tr>
<td></td>
<td><strong>V-345-345 cu. in. V-8 SAE Net Hp 132 w/Dual Exhaust 144</strong></td>
<td><strong>V-392-392 cu. in. V-8 SAE Net Hp 132 w/Dual Exhaust 144</strong></td>
</tr>
<tr>
<td></td>
<td><strong>V-392-392 cu. in. V-8 SAE Net Hp 168 w/Dual Exhaust 189</strong></td>
<td><strong>V-392-392 cu. in. V-8 SAE Net Hp 168 w/Dual Exhaust 189</strong></td>
</tr>
<tr>
<td><strong>Fuel Tank, Standard Optional</strong></td>
<td>16 Gallon Mounted under Cab, Right Side</td>
<td>16 Gallon Mounted under Cab, Right Side</td>
</tr>
<tr>
<td></td>
<td>16 Gallon Mounted under Cab, Left Side</td>
<td>16 Gallon Mounted under Cab, Left Side</td>
</tr>
<tr>
<td><strong>Suspension, Standard Optional</strong></td>
<td>Leaf Spring, Opt. H.D. Auxiliary Spring</td>
<td>Leaf Spring, Opt. H.D. Auxiliary Spring</td>
</tr>
<tr>
<td><strong>Suspension, Rear Capacity, Lbs.</strong></td>
<td>Leaf Spring, Opt. H.D. Auxiliary</td>
<td>Leaf Spring, Opt. H.D. Auxiliary</td>
</tr>
<tr>
<td><strong>Shock Absorbers, Standard Optional</strong></td>
<td>Front</td>
<td>Rear</td>
</tr>
<tr>
<td></td>
<td>4-Speed, Fully-Synchronized</td>
<td>Front and Rear</td>
</tr>
<tr>
<td></td>
<td>5-Speed, Direct or Overdrive</td>
<td>4-Speed, Fully-Synchronized</td>
</tr>
<tr>
<td></td>
<td>3-Speed Automatic</td>
<td>5-Speed, Direct or Overdrive</td>
</tr>
<tr>
<td><strong>Tires, Standard Optional</strong></td>
<td>8.00 x 16 5.6-PR Front and Single Rear</td>
<td>7.50 x 17 6-PR Front and Dual Rear</td>
</tr>
<tr>
<td></td>
<td>8.00 x 16 10-PR Front and Single Rear</td>
<td>7.50 x 20 6PR Front and Dual Rear</td>
</tr>
<tr>
<td></td>
<td>8.75 x 16 5-PR Front and Single Rear</td>
<td>8.75 x 16 5-PR Front and Single Rear</td>
</tr>
<tr>
<td></td>
<td>9.50 x 16 5 &amp; 10-PR Front and Single Rear</td>
<td>9.50 x 16 5 &amp; 10-PR Front and Single Rear</td>
</tr>
<tr>
<td></td>
<td>7.00 x 16 6-PR Front and Single or Dual Rear</td>
<td>7.00 x 16 6-PR Front and Single or Dual Rear</td>
</tr>
<tr>
<td></td>
<td>7.50 x 16 6 &amp; 8-PR Front and Single Rear</td>
<td>7.50 x 16 6 &amp; 8-PR Front and Single Rear</td>
</tr>
<tr>
<td><strong>Wheels, Standard Optional</strong></td>
<td>5 Stud Steel Disc</td>
<td>5 Stud Steel Disc</td>
</tr>
<tr>
<td><strong>Body, Standard Optional</strong></td>
<td>6½ ft. Bonus on Travelette Cab &amp; Chassis</td>
<td>5 ft. Regular</td>
</tr>
<tr>
<td></td>
<td>9 ft. Regular</td>
<td>9 ft. Regular or Bonus</td>
</tr>
<tr>
<td><strong>Power Steering</strong></td>
<td>Optional</td>
<td>Optional</td>
</tr>
</tbody>
</table>

*Use with Travelette Cab
**12,000 Axles Only
***Not Available in Pickup

Specifications, descriptions and illustrative material in this literature are as accurate as known at time of publication, but are subject to change without notice. Illustrations may include optional equipment and accessories and may not include all standard equipment.

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International Harvester Company, Chicago, Illinois 60611

Choice of color-coordinated Standard, Deluxe and Custom interiors in Dark Red, Blue, Sage or Jet Black.
**D-1510/1530**

**Standard Equipment**

**Axle, Front**
- FA-40 HD 2.500 kg (5,500 lb.) capacity; forged steel I-beam.

**Axle, Rear**
- RA-120 4.500 kg (10,000 lb.) capacity; hypoid pinion reduction.
- Rear-floating induction mainshaft.
- Ratios: 4.00 to 1 (7.1 in.); ratio: 4.00 to 1 (7.0 in.);

**Braak, Service**
- Hydromatic with vacuum power assist.
- Dual cylinders, double piston rear.
- Size: Front 356 x 63 mm (14 x 2.5 in.);
  Rear: 20 in. tyres — 381 x 102 mm (14 x 3.5 in.);
- Total lining area: 1.500 cm² (123.7 sq. in.);

**Clutch (Continued)**
- 6.354 diesel engine:
  - 355 mm (112 in.) 6 springs.
  - Lining area: 658 cm² (133.1 sq. in.);

**Electrical System**
- 115 mm (7 in.) sealed beam 75/50 watt headlights with front parking lights.
- Fender mounted, front turn signal lights.
- Fuse panel to protect circuits; done light.
- Rheostat controlled instrument lighting.

**D-1510**
- 12 volt with 65 amp. alternator.
- 61 amp. hr. capacity battery, negative earth.
- 12 volt with 35 amp. alternator.

**D-1530**
- 12 volt with 35 amp. alternator.
- Two 12V 61 amp. hr. capacity batteries.

**Engines (Continued)**
- 5.8 litre (354 cu. in.) displacement; 16:1 to 1 compression ratio.
- Full flow oil filter, dry element air cleaner with restriction indicator.
- RAC Horsepower rating: 36.

**Finish**
- Electro-coated paint with undercoat.
- Bumpers: Silver Metallic.

**Frame**
- Pressed steel channel 229 x 76 x 6 mm (9 x 3 x ½ in.);
  Section modulus: 151 cm² (9.23 in²);
- Formed channel front bumper.
- Under frame type carrier.

**Fuel System**
- 75 litre (161/2 gallons) capacity tank, under cab skirt, right side.
- Mechanical fuel pump; paper element fuel filter.

**Steering**
- 5-25 steering gear.
- 505 mm (20 in.) diameter four spoke dished wheel.
- Column mounted self cancelling turn indicator switch.

**Suspension**
- Semi-elliptical leaf spring.
- Front: 1.17 m x 57 mm (46 x 2½ in.);
  Rear: 1.37 m x 76 mm (54 x 3 in.);
- 864 x 76 mm (34 x 3 in.) auxiliary.

**Transmission**
- 1-17 four speed synchromesh.
- Ratios: 6.69, 3.34, 1.66, 1.00 to 1, reverse.

**Universal Joints**
- Spicer 1350 needle roller bearing.

**Wheels and Tyres**
- Single front and duals rear.
- Disc wheels, five stud, 6.00 B rims.
- 7.50 x 17.5 ply tyres.
- 5.8 litre (354 cu. in.) displacement.

**Optional Equipment**

**Axle, Rear**
- 4.65:1 ratio.

**Cab**
- Parcel shelf; door pull straps.
- Mechanical hand; heater-demister.
- Cowl with windscreen and doors; cowl with laminated windscreen.
  - Crew cab.

**Electrical**
- Cab mounted warning lights.

**Frame**
- Chrome front bumper.

**Tyres**
- 7.50 x 17.5 ply.
- 7.50 x 20.5 ply.
### Dimensions & Mass

#### Dimensions, with 7.50 x 17 tyres m (in.)

<table>
<thead>
<tr>
<th>Dimension</th>
<th>Front Axle</th>
<th>Rear Axle</th>
<th>Overall Width</th>
</tr>
</thead>
<tbody>
<tr>
<td>TW (Tread Width)</td>
<td>1.67 (65.7)</td>
<td>1.68 (66.1)</td>
<td>2.03 (80.0)</td>
</tr>
<tr>
<td>IW (Inside Width)</td>
<td>1.20 (47.4)</td>
<td>1.20 (47.4)</td>
<td>2.45 (96.5)</td>
</tr>
</tbody>
</table>

#### Turning Circle m (ft.)

<table>
<thead>
<tr>
<th>Turning Circle</th>
<th>D-1510</th>
<th>D-1530</th>
</tr>
</thead>
<tbody>
<tr>
<td>To Outer Edge of Tyre Track</td>
<td>3.20 (10.5)</td>
<td>3.24 (10.7)</td>
</tr>
<tr>
<td>With Bumper Clearance</td>
<td>15.8 (52)</td>
<td>18.0 (59)</td>
</tr>
</tbody>
</table>

#### Chassis Dimensions m (in.)

<table>
<thead>
<tr>
<th>Dimension</th>
<th>D-1510</th>
<th>D-1530</th>
</tr>
</thead>
<tbody>
<tr>
<td>Front</td>
<td>3.69 (155)</td>
<td>3.69 (155)</td>
</tr>
<tr>
<td>BA</td>
<td>1.67 (65.7)</td>
<td>1.67 (65.7)</td>
</tr>
<tr>
<td>BC</td>
<td>2.67 (105.5)</td>
<td>2.67 (105.5)</td>
</tr>
<tr>
<td>OAL</td>
<td>2.13 (84)</td>
<td>2.13 (84)</td>
</tr>
<tr>
<td>CA</td>
<td>1.42 (56)</td>
<td>1.42 (56)</td>
</tr>
<tr>
<td>AF</td>
<td>3.96 (156)</td>
<td>3.96 (156)</td>
</tr>
<tr>
<td>CF</td>
<td>2.50 (102)</td>
<td>2.50 (102)</td>
</tr>
</tbody>
</table>

### Chassis Mass kg (lb.)*

<table>
<thead>
<tr>
<th>Model</th>
<th>Front</th>
<th>Rear</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>D-1510</td>
<td>1,050 (2,315)</td>
<td>940 (2,070)</td>
<td>2,990 (6,585)</td>
</tr>
<tr>
<td>D-1530</td>
<td>1,400 (3,090)</td>
<td>1,010 (2,225)</td>
<td>2,410 (5,335)</td>
</tr>
</tbody>
</table>

* *Specification change: Metric and imperial quantities shown are not equivalent within the limited accuracy. In order that product improvements may be introduced at any time, specifications are subject to change without notice. Illustrations may include optional equipment.
MAXIMUM GROSS VEHICLE WEIGHTS:
Standard ................................................. 14,000 lbs.
With RA-126 Rear Axle .................................. 16,000 lbs.

STANDARD EQUIPMENT

**CAB (Continued)**
- Acoustical roof headliner
- Rubber floormat with sound deadening insulation
- Padded sun visor for driver; outside rear view mirror
- Ash tray; hand choke
- Two-speed electric windshield wipers and electric washers
- Seat belts and shoulder harness anchors

**COULTCH**
- 10-inch 9-spring single-plate
- Hydraulic control; vibration dampener

**COOLING SYSTEM**
- 18.5 quart system capacity
- Radiator frontal area: 497 sq. inches

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

**ENGINE**
- International BG-241 gasoline six
- Gross BHP: 140.8 @ 3800 rpm
- Gross torque: 223.5 lb-ft @ 2000 rpm
- 241 cu. in. displacement; 7.5 to 1 compr. ratio
- Oil bath air cleaner; full-flow oil filter

**FINISH**
- Chassis, black; bumper, white
- Hood, cab, fenders and wheels: choice of any standard IH color

**FRAME**
- Pressed steel channel main rails
  - 132" WB: 7 1/6 x 3 x 1/2; 6.28 sec. mod.
  - 156" WB: 8 1/6 x 3 x 1/2; 7.37 sec. mod.
- Formed steel front bumper

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

**STEERING**
- S-9 gear, with 17-inch steering wheel

**SUSPENSION**
- Semi-elliptic steel leaf springs
  - Front: 2 1/2 x 46 1/2; 4,340-lb capacity
  - Rear: 3 x 34" main, 3 x 34" auxiliary; combined capacity: 12,110 lbs.

**TRANSMISSION**
- T-15 four-speed synchronesh, direct
- Floor-mounted gearshift lever
- Ratios: 6.40, 3.09, 1.69, 1.00; 7.82 rev.

**WHEELS AND TIRES**
- 7.50 x 17.8-PR tires
- 5-stud disc wheel, with 6.00S rims and 8 3/4" bolt circles

OPTIONAL EQUIPMENT

**COOLING**
- Increased capacity system
- Permanent anti-freeze: -20°F

**ELECTRICAL SYSTEM**
- 12-volt 52- or 61-amp alternator
- 60 or 70 amp-hr battery
- Cigar lighter
- Three front cab marker lights
- Two front corner lamps
- Radio and antenna

**ENGINE**
- BG-265 153.5-BHP gasoline six
- V-266 154.8-BHP gasoline V8
- V-304 193.1-BHP gasoline V8
- V-345 gasoline V8
- Velocity-type engine governor
- Automatic choke

**FRAME**
- Underslung tire carrier
- Two front two hooks
- Chrome front bumper

**STEERING**
- 5-15 gear (required with 7.50 x 20 tires)

**SUSPENSION**
- 5,000-lb capacity heavy-duty front springs
- 14,220-lb capacity heavy-duty main and auxiliary rear springs
- Front and rear shock absorbers

**WHEELS AND TIRES**
- 7.50 x 20, 8-PR tires and tubes
RATINGS:

**Max. Gross Vehicle Weight (lbs.), Standard**

- With FA-68 front axle and 13,500 lb. rear axles: 18,200 lbs.
- With standard front axle and 15,000 lb. rear axles: 19,000 lbs.
- With FA-68 front axle and 15,000 lb. rear axles: 19,700 lbs.
- With FA-98 front axle and 13,500 lb. rear axles: 20,500 lbs.
- With FA-98 front axle and 15,000 lb. rear axles: 20,500 lbs.
- With FA-98 front axle and 15,000 lb. rear axles: 22,000 lbs.

STANDARD EQUIPMENT

**AXLE—Front:**
- FA-48, Capacity: 4,700 lbs.

**AXLE—Rear:**
- FA-25, Capacity: 13,500 lbs., single reduction.
- Ratios: 5.265, 6.166, 7.166.

**BREAK—Hand:**
- Lever of transmission, external contracting.
- Total area: 56.09 sq. in.

**BREAKS—Service:**
- Hydraulic with vacuum booster.
- Front: 12\(\frac{1}{4}\) x 2\(\frac{1}{4}\) inches.
- Rear: 15 x 4 inches.
- Total area: 374.9 sq. in.

**CLUTCH:**
- 11 inch, 15 spring single plate with hydraulic controls.

**ELECTRICAL:**
- 12 volt with 37 amp. alternator.
- 5 plate, 50 amp-hr. battery.
- Directional signal switch lever and sockets.

**ENGINE:**
- V-304
- Gross H.P.: 193.1 @ 4,400 R.P.M.
- Gross Torque: 272.5 lb.-ft. @ 2,800 R.P.M.

**FRAME:**
- Steel channel, straight to front, tapered rear.
- 9 x 3 x \(\frac{1}{4}\), 151-in. and 169-in. W.B.
- Section Modulus: 9.22.
- 9\(\frac{1}{4}\) x 3\(\frac{1}{2}\) x \(\frac{1}{4}\), 187-in. and 217-in. W.B.
- Section Modulus: 10.43.
- 9\(\frac{1}{4}\) x 3\(\frac{1}{2}\) x \(\frac{1}{4}\), 236-in. W.B.
- Section Modulus: 11.65.

**FUEL TANK:**
- 30 gallon right side mounted.

**SPRINGS:**
- Front: 2\(\frac{1}{4}\) x 45\(\frac{1}{4}\) in., Capacity: 2,400 lbs.
- Rear: 3 x 54\(\frac{1}{4}\) in., 151—187-in. W.B.
- Capacity: 6,820 lbs.
- Rear: 3 x 54\(\frac{1}{4}\) in., 217 and 236-in. W.B.
- Capacity: 6,730 lbs.

**STEERING:**
- S-60 with 18 inch steering wheel.

**TRANSMISSION:**
- T-15, 4-speed synchromesh.
- Rev. 7.820

**WHEELS AND TIRES:**
- 7.50 x 20, 8 ply, 6.00 S rims, disc wheels.

OPTIONAL EQUIPMENT

**AXLE—Front:**
- FA-68, Capacity: 5,500 lbs. with 12\(\frac{1}{4}\) x 2\(\frac{1}{4}\) hyd. brakes.
- FA-98, Capacity: 7,000 lbs., with 15 x 2\(\frac{1}{4}\) hyd. brakes.

**AXLE—Rear:**
- FA-30, Capacity: 15,000 lbs., single reduction.
- Ratios: 6.166, 6.666, 7.166.
- FA-126, Capacity: 13,500 lbs., 2-speed.
- Ratios: 5.83/8.11, 6.33/8.81.
- FA-127, Capacity: 15,000 lbs., 2-speed.
- Ratios: 5.83/8.11, 6.33/8.81.

**BREAK—Hand:**
- DC-M 12 x 4-in., internal expanding, 111 sq. in.

**BREAKS—Service:**
- Increased capacity (15 x 5 hyd. RA-25,126).
- Oversize (15 x 5 hyd. RA-30, 127).
- Air actuated hydraulic.
- Vacuum reserve tank with gauge and warning light.

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

*Required to meet National Education Standards.
### STANDARD EQUIPMENT

**AXLE, FRONT**
- RA-4D HD 3,500 kg (7,716 lb.) capacity.
- Forged steel I-beam.

**AXLE, REAR**
- RA-85 6,350 kg (14,000 lb.) capacity.
- Hypoid single reduction.

**BRAKE, PARKING**
- External contracting band on driveline.

**BRAKES, SERVICE**
- Hydraulic, with vacuum power assist.
- Dual cylinders, single piston front.
- Dual cylinders, double piston rear.

**CLUTCH**
- Mechanical control.
- 6-261: (279 mm x 11 in.), 12 spring.
- V-304E: (330 mm x 13 in.), 15 spring.

**ELECTRICAL SYSTEM**
- 12 volt.
- 178 mm (7 in.) sealed beam 75/50 watt headlights.

**ENGINES**
- D-1610: International 6-261 six cylinder petrol.
- D-1630: International 6-354 six cylinder diesel.

**FINISH**
- Electro-phoretic deposited undercoat with acrylic enamel finishing coat.

**FUEL SYSTEM**
- Mechanical fuel pump; paper element fuel filter.

**FRAME**
- Pressed steel channel 229 x 76 x 6 mm (9 x 3 x 4 in.) on 4.80 m (189 in.) wheelbase only.

**FUEL SYSTEM**
- 75 litre (16 U.S. gallon) capacity tank, under cab skirt, right side.

**STEERING**
- 5:1 steering gear.

**SUSPENSION**
- Semi-elliptical leaf spring.

**TRANSMISSION**
- T-17 four-speed synchromesh.

### RATINGS

<table>
<thead>
<tr>
<th>Maximum Gross Vehicle Mass</th>
<th>Standard (with 8.25 x 20 tyres)</th>
<th>Optional (with 7.50 x 20 6 ply tyres)</th>
<th>Optional (with RA-140)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>6,800 kg (15 100 lb.)</td>
<td>7,250 kg (16 000 lb.)</td>
<td>7,250 kg (16 000 lb.)</td>
</tr>
<tr>
<td>Maximum Gross Combination Mass</td>
<td>With standard GVM rating</td>
<td>14,500 kg (32 000 lb.)</td>
<td>13,600 kg (30 000 lb.)</td>
</tr>
</tbody>
</table>
### OPTIONAL EQUIPMENT

**AXLE, REAR**

- RA-140 6.356 kg (14 000 lb.) capacity.
- Hypoid/Helical, two-speed, electric shift.
- Full floating induction hardened axle shafts.
- With RA-85: 7.250 kg (16 000 lb.) GVM.
- 7.50 x 20 8 ply tyres.
- 5.41/7.44: 1.

### ELECTRICAL

- Cab mounted width lights.

### FRAME

- Chrome front bumper.

### TYRES

- 8.25 X 20 12 ply.
- 7.50 x 20 8 ply for 7 250 kg (16 000 lb.) GVM.

### CAB

- Laminated windscreen.
- Parcel shelf; door pull straps.
- Mechanical hand; heater-demister.
- Crew cab.

### ELECTRICAL

- Cab mounted width lights.

### FRAME

- Chrome front bumper.

### TYRES

- 8.25 X 20 12 ply.
- 7.50 x 20 8 ply for 7 250 kg (16 000 lb.) GVM.

### Dimensions & Mass

#### Dimensions, with 8.25 x 20 tyres m (in.)

<table>
<thead>
<tr>
<th>Dimension</th>
<th>Front axle</th>
<th>Rear axle</th>
<th>Overall Width</th>
<th>Ground Clearance</th>
<th>Frame Height</th>
</tr>
</thead>
<tbody>
<tr>
<td>OW</td>
<td>2.19</td>
<td>1.69</td>
<td>3.89</td>
<td>300 mm</td>
<td>737 mm</td>
</tr>
<tr>
<td>TW</td>
<td>1.67</td>
<td>1.56</td>
<td>3.89</td>
<td>264 mm</td>
<td>851 mm</td>
</tr>
<tr>
<td>IH</td>
<td>1.16</td>
<td></td>
<td>3.89</td>
<td>105.3 mm</td>
<td>301 mm</td>
</tr>
</tbody>
</table>

#### Chassis Dimensions m (in.)

<table>
<thead>
<tr>
<th>Dimension</th>
<th>Front</th>
<th>Axle</th>
<th>BC</th>
<th>CA</th>
<th>AF</th>
<th>CF</th>
<th>OAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>With RA-05</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3.09 (101)</td>
<td>922 mm</td>
<td>2.67 (105.3)</td>
<td>2.13 (84)</td>
<td>1.42 (56)</td>
<td>3.56 (140)</td>
<td>6.20 (245.3)</td>
<td></td>
</tr>
<tr>
<td>4.34 (171)</td>
<td>922 mm</td>
<td>2.67 (105.3)</td>
<td>2.59 (102)</td>
<td>1.42 (56)</td>
<td>4.03 (158)</td>
<td>6.69 (263.3)</td>
<td></td>
</tr>
<tr>
<td>4.80 (189)</td>
<td>922 mm</td>
<td>2.67 (105.3)</td>
<td>3.05 (120)</td>
<td>1.42 (56)</td>
<td>4.47 (176)</td>
<td>7.15 (281.3)</td>
<td></td>
</tr>
</tbody>
</table>

#### Turning circle m (ft.)

- To outer edge: 3.89 (153")
- With RA-85: 15.9 (62")
- With RA-140: 16.4 (65")

#### Chassis mass kg (lb.)

<table>
<thead>
<tr>
<th>Dimension</th>
<th>Front</th>
<th>Rear</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>With RA-05</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1.420 (3 125)</td>
<td>1.130 (2 500)</td>
<td>2.550 (5 630)</td>
<td></td>
</tr>
<tr>
<td>1.430 (3 185)</td>
<td>1.170 (2 575)</td>
<td>2.600 (5 720)</td>
<td></td>
</tr>
<tr>
<td>1.520 (3 445)</td>
<td>1.240 (2 735)</td>
<td>2.760 (6 080)</td>
<td></td>
</tr>
</tbody>
</table>

#### Price Quoted:

- **D-1610:**
  - 1.420 (3 125) | 1.130 (2 500) | 2.550 (5 630)
  - 1.430 (3 185) | 1.170 (2 575) | 2.600 (5 720)
  - 1.520 (3 445) | 1.240 (2 735) | 2.760 (6 080)

- **D-1630:**
  - 1.590 (3 420) | 1.150 (2 530) | 2.740 (6 060)
  - 1.610 (3 450) | 1.180 (2 600) | 2.790 (6 140)
  - 1.700 (3 740) | 1.250 (2 760) | 2.950 (6 500)

- **D-1630:**
  - With RA-05: 1.590 (3 420) | 1.150 (2 530) | 2.740 (6 060)
  - With RA-140: 1.720 (3 795) | 1.300 (2 950) | 3.000 (6 645)
  - 1.770 (3 895) | 1.350 (3 050) | 3.150 (6 945)
## Model Specifications

<table>
<thead>
<tr>
<th></th>
<th>1610 FC</th>
<th>1650 FC</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Std. GVWR lbs.</strong></td>
<td>17,000</td>
<td>17,000</td>
</tr>
<tr>
<td><strong>Max. Opt. GVWR lbs.</strong></td>
<td>28,000</td>
<td>28,000</td>
</tr>
<tr>
<td><strong>Engine Model/Hp. Std</strong></td>
<td>V345/158</td>
<td>D150/150</td>
</tr>
<tr>
<td><strong>Optional</strong></td>
<td>V392/191</td>
<td>D170/170</td>
</tr>
<tr>
<td><strong>Clutch Std.</strong></td>
<td>13&quot; Single Plate</td>
<td>13&quot; Single Plate</td>
</tr>
<tr>
<td><strong>Opt.</strong></td>
<td>14&quot; Single Plate</td>
<td>13&quot; 2 Plate</td>
</tr>
<tr>
<td><strong>Transmission Std.</strong></td>
<td>4 Speed—T425</td>
<td>4 Speed—T425</td>
</tr>
<tr>
<td><strong>Opt.</strong></td>
<td>5 Speed—T495</td>
<td>5 Speed—T672</td>
</tr>
<tr>
<td><strong>Automatic T454 at 540</strong></td>
<td>Automatic T454 at 540</td>
<td></td>
</tr>
<tr>
<td><strong>Front Axle Std.</strong></td>
<td>6000 lb.</td>
<td>6000 lb.</td>
</tr>
<tr>
<td><strong>Opt.</strong></td>
<td>7500 lb.</td>
<td>7500 lb.</td>
</tr>
<tr>
<td><strong>Rear Axle Std.</strong></td>
<td>15,000 lb.</td>
<td>15,000 lb.</td>
</tr>
<tr>
<td><strong>Opt.</strong></td>
<td>17,000 lb.</td>
<td>17,000 lb.</td>
</tr>
<tr>
<td><strong>Front Suspension</strong></td>
<td>3&quot;x45½/4&quot;</td>
<td>3&quot;x45½/4&quot;</td>
</tr>
<tr>
<td><strong>Std. Leaf Springs &amp; Shock Absorbers</strong></td>
<td>6000 lb.</td>
<td>6000 lb.</td>
</tr>
<tr>
<td><strong>Opt.</strong></td>
<td>7500 lb.</td>
<td>7500 lb.</td>
</tr>
<tr>
<td><strong>Rear Suspension</strong></td>
<td>3&quot;x59½&quot;</td>
<td>3&quot;x59½&quot;</td>
</tr>
<tr>
<td><strong>Vari-Rate with Shocks</strong></td>
<td>15,000 lb.</td>
<td>15,000 lb.</td>
</tr>
<tr>
<td><strong>Capacity Std.</strong></td>
<td>19,000 lb.</td>
<td>19,000 lb.</td>
</tr>
<tr>
<td><strong>Opt.</strong></td>
<td>19,000 lb.</td>
<td>19,000 lb.</td>
</tr>
<tr>
<td><strong>Electrical System Std.</strong></td>
<td>1-12V 600 CCA (104 AMP-HR) Battery, 65 AMP Alternator (79/51) Single Electric Horn Front Dir. Signal Switch Fuse Panel</td>
<td>2-12V 910CCA (77 AMP-HR) Battery 37 AMP Alternator (106) Single Electric Horn Front Dir. Signal Switch Fuse Panel</td>
</tr>
<tr>
<td><strong>Wheels Std.</strong></td>
<td>Cast 6.00 Rim Disc</td>
<td>Cast 6.00 Rim Disc</td>
</tr>
<tr>
<td><strong>Opt.</strong></td>
<td>Disc</td>
<td>Disc</td>
</tr>
<tr>
<td><strong>Tires Std.</strong></td>
<td>7.50 x 20; 8 PR</td>
<td>7.50 x 20; 8 PR</td>
</tr>
<tr>
<td><strong>Opt.</strong></td>
<td>8.75 x 20, 9.00 x 20, 10.00 x 20, and Tubeless</td>
<td>8.75 x 20, 9.00 x 20, 10.00 x 20, and Tubeless</td>
</tr>
<tr>
<td><strong>Wheelbase</strong></td>
<td>151&quot; 169&quot; 187&quot; 205&quot; 217&quot;</td>
<td>151&quot; 169&quot; 187&quot; 205&quot; 217&quot;</td>
</tr>
<tr>
<td><strong>Steering Std.</strong></td>
<td>Integral Power</td>
<td>Integral Power</td>
</tr>
<tr>
<td><strong>Opt.</strong></td>
<td>10 x 3 DCM</td>
<td>10 x 3 DCM</td>
</tr>
<tr>
<td><strong>Brake Parking Std.</strong></td>
<td>12 x 4 DCM</td>
<td>12 x 4 DCM</td>
</tr>
<tr>
<td><strong>Brakes, Service Std.</strong></td>
<td>Dual System with Dual Hydrovac Vacuum Reserve Tank Gauge &amp; Light</td>
<td>Dual System with Dual Hydrovac Vacuum Reserve Tank Gauge &amp; Light</td>
</tr>
<tr>
<td><strong>Front</strong></td>
<td>15 x 3</td>
<td>15 x 3</td>
</tr>
<tr>
<td><strong>Rear</strong></td>
<td>15 x 5</td>
<td>15 x 5</td>
</tr>
<tr>
<td><strong>Opt. Rear</strong></td>
<td>15 x 7</td>
<td>15 x 7</td>
</tr>
<tr>
<td><strong>Fuel Tank Std.</strong></td>
<td>30 Gallon</td>
<td>30 Gallon</td>
</tr>
<tr>
<td><strong>Opt.</strong></td>
<td>60 Gallon (187&quot; &amp; UF)</td>
<td>60 Gallon (187&quot; &amp; UF)</td>
</tr>
<tr>
<td><strong>Cooling Std.</strong></td>
<td>Coolant Recovery System Including increased Cooling</td>
<td>Coolant Recovery System Including increased Cooling</td>
</tr>
<tr>
<td><strong>Exhaust Std.</strong></td>
<td>Single Horizontal System with Long Tail Pipe</td>
<td>Single Horizontal System with Long Tail Pipe</td>
</tr>
<tr>
<td><strong>Frame</strong></td>
<td>9&quot;x3x½&quot; 151&quot; &amp; 169&quot; WB 9½&quot;x3/4x½&quot; 187&quot; WB &amp; UP Propeller Shaft Guard No Front Bumper</td>
<td>9&quot;x3x½&quot; 151&quot; &amp; 169&quot; WB 9½&quot;x3/4x½&quot; 187&quot; WB &amp; UP Propeller Shaft Guard No Front Bumper</td>
</tr>
<tr>
<td><strong>Instruments</strong></td>
<td>Speedometer, Ammeter Oil Pressure, Water Temperature and Fuel</td>
<td>Speedometer, Ammeter Oil Pressure, Water Temperature and Fuel</td>
</tr>
</tbody>
</table>

### Important Note:
1610 FC or 1650 FC Chassis are normally furnished with steering and other controls in forward position (Bus Configuration). If 21 inch set back controls are desired (Van or Multi-Stop Configuration) **Code 16016 must be specified.**

Specifications, descriptions and illustrative material in this literature are as accurate as known at time of publication, but are subject to change without notice. Illustrations may include optional equipment and accessories, and may not include all standard equipment.

International Harvester Company, Chicago, Illinois 60611  AD-49609G
STANDARD EQUIPMENT

FRAME:
Steel channel, straight to front, tapered rear.
9 1/4 x 3 1/2 x 3/4, 187-in. and 217-in. W.B.
Section Modulus: 10.43.
9 1/4 x 3 1/2 x 3/4, 236-in. W.B.
Section Modulus: 11.65.
9 1/4 x 3 1/2 x 3/4, 254-in. W.B.
Section Modulus: 12.15.

FUEL TANK:
30 gallon right side mounted.

SPRINGS:
Front: 3 x 4 3/4 in., Capacity: 2,750 lbs.
Rear: 3 x 5 1/2 in., Capacity: 6,730 lbs.

STEERING:
S-61 with 19 inch steering wheel.

TRANSMISSION:
T-35, 5-speed synchromesh.
Ratios: 1st 7.17
2nd 3.96
3rd 2.365
4th 1.41
5th 1.00
Rev. 7.02

WHEELS AND TIRES:
7.50 x 20, 8 ply, 6.00 S rims, cast wheels.

OPTIONAL EQUIPMENT

FRAME:
Heavy-duty front bumper.
Front tow hook.
Underlung tire carrier.

SPRINGS:
Heavy-duty front and rear.
*Progressive rear, capacity: 8,000 lbs.
*Front shock absorbers.
Rear shock absorbers.

STEERING:
Power.

TRANSMISSION:
T-15, 4-speed synchromesh.
T-34, 5 speed O.D. synchromesh.
T-83, Select-O-Matic.

WHEELS AND TIRES:
Optional tire sizes on cast or disc wheels.
**RATINGS**

**MAXIMUM GROSS VEHICLE MASS:**
- Standard (with 9.00 x 20 tyres) — 10,200 kg (22,500 lb.)
- Optional (with 9.00 x 20 14 ply tyres) — 9,750 kg (21,500 lb.)
- Optional (with 8.25 x 20 12 ply tyres) — 9,520 kg (21,000 lb.)
- Optional (with 8.25 x 20 10 ply tyres) — 9,300 kg (20,500 lb.)

**MAXIMUM GROSS COMBINATION MASS:**
- Standard — 10,200 kg (22,500 lb.)
- Optional, D-1710, T-253 Transmission — 19,280 kg (42,500 lb.)

**STANDARD EQUIPMENT**

**AXLE, FRONT**
- PA-90 2,720 kg (6,000 lb.) capacity.
  - Forged steel I-beam.

**AXLE, REAR**
- RA-141 7,480 kg (16,500 lb.) capacity.
  - Hypoid/Helical two speed, electric shift.
  - Full floating induction hardened axle shafts.

**D-1710:**

**D-1730:**
- Ratio: 5.41/7.44:1.

**BRAKE, PARKING**
- External contracting band on drive line:
  - 241 x 63 mm (9 1/2 x 2 1/2 in.).
  - Total lining area: 425 cm² (65.8 sq. in.).

**BRAKES, SERVICE**
- Hydraulic with vacuum power assist.
  - Dual cylinders, single piston front.
  - Dual cylinders, double piston rear.
  - Size: 356 x 63 mm (14 x 2 1/2 in.) front, 381 x 127 mm (15 x 5 in.) rear.
  - Total lining area: 3,045 cm² (472 sq. in.).

**CAB**
- All steel with safety glass windows.
  - Door lock on both doors.
  - Full width adjustable seat.
  - Centre map compartment.
  - Dual electric two speed windshield wipers; windshield washers.
  - Size: 356 x 63 mm (14 x 2 1/2 in.) front, 381 x 127 mm (15 x 5 in.) rear.
  - Total lining area: 3,045 cm² (472 sq. in.).

**CLUTCH**
- Mechanical control.
  - D-1710:
    - 330 mm (13 in.), 15 spring.
    - Lining area: 1,180 cm² (182.8 sq. in.).
  - D-1730:
    - 305 mm (12 in.), 16 spring.
    - Lining area: 858 cm² (133.1 sq. in.).

**ELECTRICAL SYSTEM**
- 12 volt.
  - 178 mm (7 in.) sealed beam 75/50 watt headlights with front parking lights.
  - Dual/tail/stop/tturn signal lights incorporating reflector.
  - Fuse panel to protect circuits; dome light.
  - Rheostat controlled instrument lighting.
  - D-1710: 61 amp. hr. capacity battery, negative earth. 55 amp. alternator.
  - D-1730: Two 12V 61 amp. hr. capacity batteries. 35 amp. alternator.

**ENGINES**
- **D-1710:**
  - International V345V8 petrol.
    - Gross Power: 132 kW (177 BHP) at 4,000 RPM.
    - Gross torque: 402 Nm (302 lb./ft.) at 2,000 RPM.
    - 5.65 litre (345 cu. in.) displacement; 7.2 to 1 compression ratio.
    - Full flow oil filter.
    - Dry element air cleaner with restriction indicator.
    - Positive crankcase ventilation with air intake from air cleaner.
    - RAC horsepower rating: 48.1.

- **D-1730:**
  - Perkins 6.354 six cylinder diesel.
    - Gross Power: 98 kW (131 BHP) at 2,800 RPM.
    - Gross torque: 385 Nm (284 lb./ft.) at 1,500 RPM.
    - 5.80 litre (354 cu. in.) displacement.
    - 14.1 to 1 compression ratio.
    - Dry element air cleaner with restriction indicator.
    - RAC Horsepower rating: 36.

**FINISH (Continued)**
- Strzelecki Grey, Rum Jungle Green, Hamersley Brown.
- Chassis and Wheels: Black.
- Grille: Granite Grey.
- Bumpers: Silver metallic.

**FRAME**
- Pressed steel channel 229 x 76 x 6 mm (9 x 3 x 2 1/2 in.) with L shape outer reinforcement 222 x 6 x 6 mm (8 1/2 x 3/4 x 2 1/2 in.).
- Section modulus (combined): 277 cm³ (16.89 in.²).
- Formed channel front bumper. Under frame tire carrier.

**FUEL SYSTEM**
- 75 litre (16 1/2 gallon) capacity tank, under cab skirt, right side.
- Mechanical fuel pump.
- Paper element fuel filter.

**STEERING**
- S-25 steering gear.
  - 508 mm (20 in.) diameter four spoke dished wheel.
  - Column mounted self cancelling turn indicator switch.

**SUSPENSION**
- Semi-elliptical leaf springs.
  - Front: 1.17 m x 57 mm (46 x 2 1/2 in.).
  - Rear: 1.37 m x 76 mm (54 x 3 in.) with 864 x 76 mm (34 x 3 in.) auxiliary.

**TRANSMISSION**
- T-17 four speed synchronesh.
  - Ratios: 6.69, 3.34, 1.66, 1.00 to 1; reverse 8.26 to 1.

**UNIVERSAL JOINTS**
- Spicer 1350 needle roller bearing.

**WHEELS AND TYRES**
- Single front and duals rear.
  - Disc wheels, six stud, 9.50 T rims.
  - 9.00 x 20 10 ply tires.
  - Spare wheel and tyre.
# Optional Equipment

**CAB**
- Parcel shelf; door pull straps.
- Mechanical hand; heater-demister.
- Laminated windscreen.

**FRAME**
- Chrome front bumper.

## Transmission

**D-1710:**
- T-253 two speed synchronesh.
- Ratios: 6:92, 3:36, 2:38, 1:47, 1:00 to 1; reverse 5:61 to 1.
- With:
  - (a) Spicer 1480 universal joints.
  - (b) Parking Brake — Internal expanding drum at rear of transmission: 305 x 102 mm (12 x 4 in.).
- Total lining area: 710 cm² (110 sq. in.).

## Electrical

- Cab mounted width lights.

## Tyres

**D-1710:**
- 9.00 x 20 12 ply.

**D-1710 and D-1730:**
- 8.25 x 20 14 ply for 9 750 kg (21 500 lb.) GVM rating.
- 8.25 x 20 12 ply for 9 520 kg (21 000 lb.) GVM rating.
- 8.25 x 20 10 ply for 9 300 kg (20 500 lb.) GVM rating.

## Dimensions & Mass

### Dimensions, with 9.00 x 20 tyres m (in.)

<table>
<thead>
<tr>
<th>Dimension (Overall width)</th>
<th>Front Fenders</th>
<th>Rear Axle</th>
<th>Cab Steps</th>
<th>Rear Axle</th>
</tr>
</thead>
<tbody>
<tr>
<td>D-1710</td>
<td>2.03 (80.0)</td>
<td>2.20 (86.6)</td>
<td>2.30 (90.3)</td>
<td></td>
</tr>
<tr>
<td>D-1730</td>
<td>2.03 (80.0)</td>
<td>2.12 (83.5)</td>
<td>2.30 (90.3)</td>
<td></td>
</tr>
</tbody>
</table>

### Turning circle m (ft.)

- To outer edge of tyre track
- With bumper clearance

### Chassis Dimensions m (in.)

<table>
<thead>
<tr>
<th>Dimension (Width)</th>
<th>BA</th>
<th>BC</th>
<th>CA</th>
<th>AF</th>
<th>CF</th>
<th>OAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>3.89 (153)</td>
<td>922 (363)</td>
<td>922 (363)</td>
<td>2.67 (105)</td>
<td>2.13 (84)</td>
<td>1.42 (56)</td>
<td>5.56 (214)</td>
</tr>
<tr>
<td>4.34 (171)</td>
<td>922 (363)</td>
<td>922 (363)</td>
<td>2.67 (105)</td>
<td>2.60 (102)</td>
<td>1.42 (56)</td>
<td>4.01 (158)</td>
</tr>
<tr>
<td>4.80 (191)</td>
<td>922 (363)</td>
<td>922 (363)</td>
<td>2.67 (105)</td>
<td>3.05 (120)</td>
<td>1.42 (56)</td>
<td>4.47 (176)</td>
</tr>
</tbody>
</table>

### Chassis mass kg (lb.)

<table>
<thead>
<tr>
<th>Dimension (Front)</th>
<th>Rear</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>D-1710:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1 530 (3 385)</td>
<td>1 360 (2 990)</td>
<td>2 890 (6 375)</td>
</tr>
<tr>
<td>1 560 (3 450)</td>
<td>1 400 (3 090)</td>
<td>2 960 (6 540)</td>
</tr>
<tr>
<td>1 620 (3 570)</td>
<td>1 410 (3 110)</td>
<td>3 030 (6 680)</td>
</tr>
</tbody>
</table>

### Tyres

- 9.00 x 20 12 ply.
- 8.25 x 20 14 ply for 9 750 kg (21 500 lb.) GVM rating.
- 8.25 x 20 12 ply for 9 520 kg (21 000 lb.) GVM rating.
- 8.25 x 20 10 ply for 9 300 kg (20 500 lb.) GVM rating.

*With standard tyres, oil, water, fuel (full tank). 
- Specification changes.
- Metric and Imperial quantities shown are equipment within the implied accuracy.
- Illustrations may include optional equipment.

**PRICE QUOTED:**

- International
- International Harvester Company of Australia Pty. Ltd.
- 6-73-0 - PRINTED IN AUSTRALIA 28 JULY 1970.
INTERNATIONAL TRUCKS

1803

RATINGS:
Max. Gross Vehicle Weight (lbs.), Standard ...................... 21,500
With FA-98 front axle and 16,000 lb. rear axles ................. 23,000

STANDARD EQUIPMENT

FRAME:
Steel channel, straight to front, tapered rear.
9½ x 3½ x ½, 187-in. and 217-in. W.B.
Section Modulus: 10.43.
9½ x 3½ x ½, 236-in. W.B.
Section Modulus: 11.65.
9½ x 3½ x ½, 254-in. W.B.
Section Modulus: 12.15.

FUEL TANK:
30 gallon right side mounted.

SPRINGS:
Front: 3 x 4½ inches, Capacity: 2,750 lbs.
Rear: 3 x 54 in., 167-in. and 217-in. W.B.
Capacity: 7,270 lbs.
Rear: 3 x 54 in., 236-in. and 254-in. W.B.
Capacity: 8,000 lbs.

STEERING:
S-61 with 19-inch steering wheel.

ENGINE:
BD-308 gasoline.
D-354 diesel.
Automatic radiator shutters.
Governor.
1 qt. aux. oil filter.
High altitude equipment.
Increased capacity cooling.

FRAME:
Heavy-duty front bumper.
Front tow hook.
Underslung tire carrier.

SPRINGS:
Heavy-duty front and rear.
*Progressive rear, Capacity: 8,000 lbs.
*Front shock absorbers.
Rear shock absorbers.

STEERING:
Power.

ENGINE:
BD-308 gasoline.
D-354 diesel.
Automatic radiator shutters.
Governor.
1 qt. aux. oil filter.
High altitude equipment.
Increased capacity cooling.

FRAME:
Heavy-duty front bumper.
Front tow hook.
Underslung tire carrier.

SPRINGS:
Heavy-duty front and rear.
*Progressive rear, Capacity: 8,000 lbs.
*Front shock absorbers.
Rear shock absorbers.

STEERING:
Power.

TRANSMISSION:
T-34, 5-speed O.D. synchromesh.
T-51, 5-speed constant mesh.
T-83, Select-O-Matic.

WHEELS AND TIRES:
Optional tire sizes on cast or disc wheels.

OPTIONAL EQUIPMENT

FRAME:
Steel channel, straight to front, tapered rear.
9½ x 3½ x ½, 187-in. and 217-in. W.B.
Section Modulus: 10.43.
9½ x 3½ x ½, 236-in. W.B.
Section Modulus: 11.65.
9½ x 3½ x ½, 254-in. W.B.
Section Modulus: 12.15.

FUEL TANK:
30 gallon right side mounted.

SPRINGS:
Front: 3 x 4½ inches, Capacity: 2,750 lbs.
Rear: 3 x 54 in., 167-in. and 217-in. W.B.
Capacity: 7,270 lbs.
Rear: 3 x 54 in., 236-in. and 254-in. W.B.
Capacity: 8,000 lbs.

STEERING:
S-61 with 19-inch steering wheel.

ENGINE:
BD-308 gasoline.
D-354 diesel.
Automatic radiator shutters.
Governor.
1 qt. aux. oil filter.
High altitude equipment.
Increased capacity cooling.

FRAME:
Heavy-duty front bumper.
Front tow hook.
Underslung tire carrier.

SPRINGS:
Heavy-duty front and rear.
*Progressive rear, Capacity: 8,000 lbs.
*Front shock absorbers.
Rear shock absorbers.

STEERING:
Power.

TRANSMISSION:
T-34, 5-speed O.D. synchromesh.
T-51, 5-speed constant mesh.
T-83, Select-O-Matic.

WHEELS AND TIRES:
Optional tire sizes on cast or disc wheels.

*Required to meet National Education Standards.
INTERNATIONAL TRUCKS

Ratings:
Max. Gross Vehicle Weight (lbs.), Standard .......................................................... 22,000
With FA-208 front axle and 16,000 lb. rear axles ............................................... 22,500
With Standard front axle and 18,500 lb. rear axle ........................................... 27,500

STANDARD EQUIPMENT

AXLE—Front:
FA-98, Capacity: 7,000 lbs.

AXLE—Rear:
FA-35, Capacity: 16,000 lbs., single reduction
Ratio: 6.5:7.17

BRAKE—Parking and Emergency:
Use of transmission
External Contracting
Total area: 72.09 sq. in.

BRAKE—Service:
Hydraulic with vacuum booster
Front: 15 x 21/4 inches
Rear: 15 x 5 inches
Total area: 467.0 sq. in.

CLUTCH:
12 inch, 15 spring, single-plate with hydraulic controls

ELECTRICAL:
12 volt, 37-amp. Alternator
24 volt, 70-amp.-hr. Battery
Directional signal switch lever and socket

ENGINE:
D-372
Gross H.P.: 165 @ 3,200 RPM
Gross Torque: 308 lb. ft. @ 1,600 RPM

FRAME:
Steel channel, straight to front, tapered rear
9 1/4 x 3 1/4 x 9 1/2 in. 236 in. W. B.
Section Modulus: 12.49 in^3.
9 1/4 x 3 1/4 x 9 1/2 inches 254 in. W.B.
Section Modulus: 13.82 in^3.

FUEL TANK:
30 gallon right side mounted

SPRINGS:
Front: 3 x 45/4 inches, Capacity: 3,500 lbs.
Rear: 3 x 54 inches, Capacity: 8,000 lbs.

STEERING:
S-62 with 20-inch steering wheel

TRANSMISSION:
T-35, 5-speed synchromesh
Ratios: 1st 7.17
2nd 3.96
3rd 2.365
4th 1.41
5th 1.00
Rev. 7.02

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

OPTIONAL EQUIPMENT

AXLE—Front:
FA-208, Capacity: 9,000 lbs. with 15 x 2 1/4 in. hyd.
or 15 x 3 in. air brakes with H.D. Springs

AXLE—Rear:
FA-44, Capacity: 16,800 lbs., single reduction with 16 x 5 in.
hydraulic or 16 1/2 x 6 in. air brakes and H.D. Springs
Ratio: 4.77, 5.38, 6.14, 6.57, 7.17
FA-36, Capacity: 16,000 lbs., 2-speed, with 15 x 5 in.
hydraulic or 15 1/4 x 5 in. air brakes

BRAKE—Parking and Emergency:
1 x 4 in. DCM
1 x 5 in. DCM
Freezy-Back

BRAKE—Service:
Vacuum reserve tank with gauge
Increased capacity front (15 x 3 hyd. FA-208)
Increased capacity rear (16 x 5 hyd. RA-35, 136)
Saddle oversize (16 x 6 hyd. RA-35, 136)
Dense front (16 1/2 x 3 1/4 hyd. or air—FA-208)
Dense Rear (16 x 6 hyd. RA-44)
Rear (15 x 3 front, 15 1/2 x 5 rear)
Front wheel limiting valve

CLUTCH:
Freezy 15 spring, single-plate

ELECTRICAL:
12 volt, 55-amp. Alternator
Front directional signals

ENGINE:
RD-406
Auxiliary Oil Filter
Increased cooling
Automatic radiator shutters

FRAME:
Underslung tire carrier
Front tow hooks
Heavy-duty front bumper

SPRINGS:
*Progressive rear
*Heavy-duty rear
*Front shock absorbers
Rear shock absorbers

STEERING:
Power

TRANSMISSION:
5-speed direct, T-51
5-speed overdrive, T-34, 50
Select-O-Matic, T-100

WHEELS AND TIRES:
Optional tire sizes on cast or disc wheels

*Required to meet National Education Standards
INTERNATIONAL TRUCKS

1890

RATINGS:
Nu. Gross Vehicle Weight (lbs.), Standard

<table>
<thead>
<tr>
<th>Configuration</th>
<th>Rating</th>
</tr>
</thead>
<tbody>
<tr>
<td>With FA-208 front axle and 18,500 lb. rear axles</td>
<td>25,500</td>
</tr>
<tr>
<td>With standard front axle and 23,000 lb. rear axles</td>
<td>27,500</td>
</tr>
<tr>
<td>With FA-208 front axle and 23,000 lb. rear axles</td>
<td>30,000</td>
</tr>
<tr>
<td>Nu. Gross Combination Weight (lbs.), Standard</td>
<td>32,000</td>
</tr>
<tr>
<td>With 23,000 lb. rear axle</td>
<td>48,000</td>
</tr>
</tbody>
</table>

STANDARD EQUIPMENT

<table>
<thead>
<tr>
<th>Component</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Frame</td>
<td>Steel channel, straight to front, tapered rear.</td>
</tr>
<tr>
<td></td>
<td>9 x 3 x 14, 127—175-in. W.B.</td>
</tr>
<tr>
<td>Section Modulus:</td>
<td>9.22</td>
</tr>
<tr>
<td></td>
<td>9½ x 3¼ x 3½, 187-in. — 217-in. W.B.</td>
</tr>
<tr>
<td></td>
<td>Combined Section Modulus: 17.63</td>
</tr>
<tr>
<td>Fuel Tank</td>
<td>21 gallon mounted under cab.</td>
</tr>
<tr>
<td>Springs</td>
<td>Front: 3 x 45½ in., Capacity: 3,500 lbs.</td>
</tr>
<tr>
<td></td>
<td>Rear: 3 x 54 in., Capacity: 10,220 lbs.</td>
</tr>
<tr>
<td></td>
<td>Aux: 3 x 34 in.</td>
</tr>
<tr>
<td>Steering</td>
<td>S-62 with 20-inch steering wheel.</td>
</tr>
<tr>
<td>Transmissions:</td>
<td>T-35, 5-speed synchronesh.</td>
</tr>
<tr>
<td>Ratios:</td>
<td>1st 7.17</td>
</tr>
<tr>
<td></td>
<td>2nd 3.96</td>
</tr>
<tr>
<td></td>
<td>3rd 2.365</td>
</tr>
<tr>
<td></td>
<td>4th 1.41</td>
</tr>
<tr>
<td></td>
<td>5th 1.00</td>
</tr>
<tr>
<td></td>
<td>Rev. 7.02</td>
</tr>
<tr>
<td>Wheels and Tires:</td>
<td>9.00 x 20, 10 ply, 7.00 T rims, cast wheels.</td>
</tr>
</tbody>
</table>

ENGINE:
BD-308 gasoline.
D-354 diesel.
Automatic radiator shutters.
Governor.
1 qt. aux. oil filter.
High altitude equipment.
Increased capacity cooling.

FRAME:
Frame reinforcement (127-in.—175-in. W.B.).
Heavy-duty front bumper.
Front tow hook.
Rear tow loop.
Underslung tire carrier.

FUEL TANKS:
Left, right, or dual side or step (31, 43, 50, 53 gallon capacity).

SPRINGS:
Heavy-duty rear.
Front and rear shock absorbers.

STEERING:
Power.

TRANSMISSIONS:
T-34, 5-speed O.D. synchronesh.
T-51, 5-speed constant mesh.
T-74, 7-speed Roadranger.
T-83, Select-O-Matic.

WHEELS AND TIRES:
Optional tire sizes on cast or disc wheels.
### Maximum Gross Vehicle Weights:

<table>
<thead>
<tr>
<th>Standard</th>
<th>27,500 lbs.</th>
</tr>
</thead>
<tbody>
<tr>
<td>With 23,000-lb Rear Axle</td>
<td>32,000 lbs.</td>
</tr>
</tbody>
</table>

### Maximum Gross Combination Weights:

<table>
<thead>
<tr>
<th>Standard</th>
<th>50,000 lbs.</th>
</tr>
</thead>
<tbody>
<tr>
<td>With 23,000-lb Rear Axle</td>
<td>55,000 lbs.</td>
</tr>
</tbody>
</table>

### Standard Equipment

**Axle, Front**
- Standard: 30,000-lb capacity
- Steel-treaded forged-steel I-beam

**Axle, Rear**
- Standard: 38,500-lb capacity
- Steel-treaded forgsteel I-beam
- Single reduction; 16° hypoid ring gear
- Steel-treaded steel housings
- Full-floating, induction-hardened shafts

**Brakes, Parking**
- Steel: 12" x 4" drum type on transmission
- Handing area: 111 sq-inches

**Brakes, Service**
- Steel: 15" x 3" wedge type
- Rear: 161/2" x 6" cam type

**Engine**
- Detroit Diesel 6V-53N diesel V-6
  - Gross BHP: 195 @ 2600 rpm
  - Gross Torque: 446 lb-ft @ 1500 rpm
  - 318.4 cu-in displ; 17 to 1 comp. ratio

**Transmission**
- T-63 5-speed direct, constant-mesh
  - Ratios: 8.08, 4.67, 2.62, 1.69, 1.00
  - 8.12 reverse

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

### Optional Equipment at Adjusted Cost

**Brakes**
- Front wheel limiting valve
- Extra air reservoir, to release spring-loaded parking brakes

**Cabin**
- 9" x 3" x 1/4" steel channel; Sec. Mod: 9.22
- Straight to front, tapered rear
- Formed steel front bumper

### Frame
- 9,000-lb capacity steel leaf springs

### Electrical
- Dual stop and tail lights
- Dual air or electric horns
- Cab corner and center marker lights
- Traffic hazard switch
- Rear directional signals

**Cab**
- Steel: 9" x 3" x 1/4" steel channel; Sec. Mod: 9.22
- Straight to front, tapered rear
- Formed steel front bumper

**Fuel Tank**
- 50-gallon steel center-step, left side

**Suspension, Front**
- Steel leaf springs with auxiliary
- Total capacity: 20,460 lbs. at ground

**Suspension, Rear**
- Steel leaf springs with auxiliary
- Total capacity: 20,460 lbs. at ground

**Steering**
- S-63 steering gear, with jointed column
- 20-inch diameter 4-spoke wheel

**Transmission**
- T-63 5-speed direct, constant-mesh
- Ratios: 8.08, 4.67, 2.62, 1.69, 1.00
- 8.12 reverse

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

**Illustration May Include Optional Equipment**
MAXIMUM GROSS VEHICLE WEIGHTS:
Standard .............................................. 27,500 lbs.
With RA-152 23,000-lb Rear Axle ........... 32,000 lbs.

MAXIMUM GROSS COMBINATION WEIGHTS:
Standard .............................................. 50,000 lbs.
With RA-152 Rear Axle ........................... 55,000 lbs.

STANDARD EQUIPMENT

AXLE, FRONT
FA-208 9,000-lb capacity
Heat-treated forged-steel I-beam

AXLE, REAR
RA-44 18,500-lb capacity
Single reduction; 16" hypoid ring gear
One-piece forged steel housings
Full-floating, induction-hardened shafts
Ratios: 4.78, 5.37, 6.14, 6.57 or 7.17

BRAKE, PARKING
DCM 12 x 4" drum type, on transmission
Total lining area: 110.3 sq. inches

BRAKES, SERVICE
Air, with 7 1/4 cu. ft. compressor
Front: 15 x 3" wedge type
Rear: 16 x 6" cam type
Total lining area: 586.8 sq. inches
One 1,790 cu. in. air reservoir
Low pressure warning buzzer

CAB (Continued)
Speedometer and tachometer
Outside rear-view mirror, left side
Hand throttle; sun visor; ash tray

CLUTCH
14-inch 15-speed with HD lining

COOLING SYSTEM
Automatic radiator shutters

ELECTRICAL SYSTEM
12-volt 55-amp alternator
Two 6-volt 204 amp-hr batteries
Fuse panel in glovebox
Cab dome light; electric horn
Front turn signals, double-face
Combination stop and tail light

ENGINE
Detroit Diesel 6V-53N diesel V-6
Gross BHP: 195 @ 2600 rpm
Gross Torque: 446 lb-ft @ 1500 rpm
318.4 cu. in., disp; 21 to 1 comp. ratio
Dry element air cleaner, under hood
Horizontal muffler and tail pipe

FINISH
Chassis, bumper and wheels: black
Radiator grille and shutters: gray
Hood, cab and fenders: choice of any
standard IH color

FRAME
9 x 3 x 1/4" steel channel; sec. mod: 9.23
Straight to front, tapered rear
Formed steel front bumper

FUEL TANK
50-gallon steel center-step, left side

STEERING
S-63 steering gear
20" diameter 4-spoke wheel

SUSPENSION, FRONT
9,000-lb capacity steel leaf springs

SUSPENSION, REAR
Steel leaf springs with auxiliary
Total capacity: 20,460 lbs.

TRANSMISSION
T-63 five-speed constant-mesh, direct
Ratios: 8.08, 4.67, 2.62, 1.69, 1.00;
8.12 rev.

WHEELS and TIRES
Single front and dual rear
9.00 x 20, 10-PR tires and tubes
Cast wheels with 7,000 tms

FINISH (Continued)
Hood, cab and fenders: choice of any
standard IH color

FRAME
9 x 3 x 1/4" steel channel; sec. mod: 9.23
Straight to front, tapered rear
Formed steel front bumper

FUEL TANK
50-gallon steel center-step, left side

STEERING
S-63 steering gear
20" diameter 4-spoke wheel

SUSPENSION, FRONT
9,000-lb capacity steel leaf springs

SUSPENSION, REAR
Steel leaf springs with auxiliary
Total capacity: 20,460 lbs.

TRANSMISSION
T-63 five-speed constant-mesh, direct
Ratios: 8.08, 4.67, 2.62, 1.69, 1.00;
8.12 rev.

WHEELS and TIRES
Single front and dual rear
9.00 x 20, 10-PR tires and tubes
Cast wheels with 7,000 tms
DIMENSIONS and SPECIFICATIONS

Standard GVW Rating: 29,900 lbs.

Wheelbase: 164" wheelbase; FTCO-2010
172" wheelbase; FTCO-2070 and FTCOF-2070

Front Axle: 13,000# wide track, center point steering, IH front axle.

Rear Axle: 18,500# RA-44, IH rear axle. (FTCO-2010, FTCO-2070)
34,000# RA-351, IH rear axle. (FTCOF-2070)

Brakes: 15 x 3½" wedge front and 15 x 7" wedge rear air brakes; 12 CFM compressor, rapid build up tank, emergency release tank, low-air warning light, MGM spring parking brakes.

Cab and Misc.: Special 5-man fire truck cab, 84" wide, with closed front compartment, dual king size chrome wide angle mirrors, air activated windshield wipers and washers, Evans 39,000 BTU heater and defroster, Driver Seat with passenger bench, vinyl seat covering, chrome front bumper, 2 large chrome air intake grilles, 31-gal. temporary mounted fuel tank, radiator shutters (Diesel), seat belts, 888 sq. in. radiator (Gasoline), 1116 sq. in. radiator (Diesel), bolted top and bottom tanks, removable roof panel for pulling radiator and engine. Tinted glass throughout, two front cab corner lights. Combination tachometer and hourmeter.

Manufactured for International by Hendrickson Mfg., Lyons, Illinois
### Specifications

#### Dimensions

<table>
<thead>
<tr>
<th></th>
<th>4270</th>
<th>4370</th>
<th>Eagle (tandem only)</th>
</tr>
</thead>
<tbody>
<tr>
<td>BBC without sleeper</td>
<td>107”</td>
<td>117”</td>
<td>117”</td>
</tr>
<tr>
<td>with standard sleeper</td>
<td>108”</td>
<td>118”</td>
<td>128”</td>
</tr>
<tr>
<td>with double sleeper</td>
<td>109”</td>
<td>119”</td>
<td>129”</td>
</tr>
<tr>
<td>Cab exterior width</td>
<td>76”</td>
<td>76”</td>
<td>76”</td>
</tr>
<tr>
<td>Overall width</td>
<td>107”</td>
<td>117”</td>
<td>117”</td>
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#### Frame

<table>
<thead>
<tr>
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<tbody>
<tr>
<td>9 x 3 x 3/16 x 1/2” (25.7 x 7.6 x 6cm) straight-channel all-bolted steel, 110,000 psi (770 MPa)</td>
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<tr>
<td>10 x 3 x 5/16” (25.4 x 8.9 x 8cm) straight-channel all-bolted steel, 110,000 psi (770 MPa)</td>
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<tr>
<td>10 x 3 x 3/4” (26.7 x 8.3 x 1.3cm) straight-channel all-bolted aluminum, 37,000 psi (259 MPa)</td>
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#### Front Axle and Suspension

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<tbody>
<tr>
<td>12,000-lb. (5443kg) axle and taperleaf suspension</td>
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<td></td>
</tr>
<tr>
<td>10,000-lb. (4543kg) axle (aluminum) and taperleaf suspension</td>
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<tr>
<td>10,000-lb. (4543kg) constant-rate suspension</td>
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<tr>
<td>12,000-lb. (5443kg) axe (aluminum)</td>
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</tr>
<tr>
<td>12,000-lb. (5443kg) constant-rate suspension</td>
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</tr>
<tr>
<td>16,000-lb. (7258kg) axle and taperleaf suspension</td>
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<tr>
<td>Rear Axle and Suspension</td>
<td>std. exc. tandem</td>
<td>std. exc. tandem</td>
<td>std. exc. tandem</td>
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<tr>
<td>23,000-lb. (10433kg) axle and suspension</td>
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<tr>
<td>20,000-lb. (9072kg) axle and suspension</td>
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<tr>
<td>18,000-lb. (8144kg) axle and suspension</td>
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<tr>
<td>34,000-lb. (15422kg) 4-spring suspension</td>
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<tr>
<td>38,000-lb. (17237kg) axle and suspension</td>
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<tr>
<td>38,000-lb. (17237kg) axle and suspension</td>
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<tr>
<td>44,000-lb. (19958kg) axle and suspension</td>
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<tr>
<td>46,000-lb. (21066kg) axle</td>
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#### Engine

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<tbody>
<tr>
<td>Detroit Diesel</td>
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<tr>
<td>270 h.p. (201kW) 6V-92TTA</td>
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<tr>
<td>304 h.p. (228kW) 6V-92TAC</td>
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<tr>
<td>307 h.p. (229kW) 6V-92TTA</td>
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<tr>
<td>325 h.p. (244kW) 6V-92TAE</td>
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<tr>
<td>330 h.p. (247kW) 6V-92TAC</td>
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<tr>
<td>345 h.p. (257kW) 8V-71TTA</td>
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<tr>
<td>355 h.p. (266kW) 8V-92TTA</td>
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<tr>
<td>365 h.p. (272kW) 8V-92TTA or TTAC</td>
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<tr>
<td>370 h.p. (276kW) 8V-71TTA</td>
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<tr>
<td>405 h.p. (302kW) 8V-92TAC</td>
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<tr>
<td>Cummins</td>
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<tr>
<td>300 h.p. (224kW) Formula 300 or C-300P</td>
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<tr>
<td>350 h.p. (266kW) 8V-92TAC or C-350P</td>
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<tr>
<td>400 h.p. (299kW) 8V-92TAC or C-400P</td>
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<td>475 h.p. (354kW) 8V-475</td>
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<tr>
<td>Caterpillar</td>
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<tr>
<td>290 h.p. (216kW) 3406 DITA</td>
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<tr>
<td>350 h.p. (261kW) 3406 DITA</td>
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<tr>
<td>380 h.p. (283kW) 3406 DITA</td>
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<tr>
<td>400 h.p. (298kW) 3406 DITA</td>
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#### Transmission

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<tr>
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<tr>
<td>9-speed Fuller</td>
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<td>10-speed Fuller</td>
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<tr>
<td>11-speed Fuller</td>
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<td>12-speed Fuller</td>
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<tr>
<td>13-speed Fuller</td>
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<tr>
<td>14-speed Fuller</td>
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<tr>
<td>15-speed Fuller</td>
<td>opt.</td>
<td>opt.</td>
<td>opt.</td>
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#### Notes:

- Not available in California.
- California only.

(Check your dealer for additional specifications and full options availability.)
International Station Wagon Specifications

**Capacity:** 7 to 8 adult passengers.

**Maximum Carrying Capacity:**
(body, equipment, and load) ... 2,150 Pounds

**Dimensions:** (in inches) **Weights:** (in pounds)
Wheelbase: 113
Turning radius with fender clearance (feet) ... 21 ft. 2 in.
Shipping weight: 2,950
Weight (including fuel, oil and water): 3,120
Tread—front wheels, 58 in.; rear wheels, 58% in.
Clearance under front axle, 61% in.; under rear axle, 81% in.

**Inside Body Dimensions in Inches:**
Length back of front seat to end of body at floor: 83
Width of body: 5% in.
Height of body at center (floor to roof): 4% in.
Height of sides: 26% in.
Clearance in front of seats at floor: 20
Distance from back to back of seats: 32% in.
Aisle between bus-type center seats: 9% in.
Height of tailgate: 31% in.
Width of tailgate: 50

**Frame:** Northern hard maple and oak.

**Top:** High-grade waterproof top material.

**Side Panels:** 3-ply, waterproof birch veneer.

**Seats:** Double cone spring construction, covered with heavy cotton pad. Upholstered with box grain, knap artificial leather. Rear and center seats quickly and easily removed.

**Doors:** Front door windows are operated by crank-type regulators. Doors and windows of rear compartment have weatherproof, patented sliding curtains. The rear curtain is of the snap-on type.


**Frame:** Pressed steel channel. Depth, 5% in.; thickness, 5% in.; width of flange, 2% in.; width, front, 2% in.; rear, 4% in. Four reinforced cross members.

**Engine:** Six-cylinder, cast-in-block, L-head type, 31% in. bore, 43% in. stroke. Displacement, 213.2 cu. in.; compression ratio, 5.7. A.M.A. rating, 26.3 h.p.; maximum brake h.p., 78.5 at 3,400 r.p.m. Maximum torque, 151 pound-feet at 800-1400 r.p.m. Four steel-backed, babbitt-lined, replaceable main bearings; total projected area, 16.53 sq. in.; front, 2% x 1% in.; No. 2, 2% x 1% in.; No. 3, 2% x 1% in.; rear, 2% x 3% in. Six replaceable main bearings. Exhaust-valve seat inserts.

**Lubrication:** Pressure feed to all main and connecting rod bearings, camshaft, and timing chain. Gear type, gear-driven, oil pump. Oil capacity, 6% quarts. Pressure gun lubrication throughout on chassis.

**Cooling System:** Centrifugal pump circulation, fin-and-tube radiator; fan and pump driven by V-type belt. Water capacity, 15% quarts.

**Ignition:** Battery: Vacuum control, full-automatic type; distributor mounted on block.

**Generator:** 6-volt, belt driven.

**Battery:** 6-volt, 13 plate.

**Starting Motor:** 6-volt, 4-pole type.

**Carburetor:** Downdraft type. Fitted with air cleaner.

**Fuel System:** Fuel pump, 13-gallon tank at rear of frame. Gasoline filter for removing impurities.

**Clutch:** 9-in., single-plate, with vibration damper.

**Transmission:** 3 speeds forward, 1 reverse, synchro-mesh type, mounted in unit with engine.

**Transmission Reductions:** First, 3.063 to 1; second, 1.491 to 1; third, 1 to 1; reverse, 3.707 to 1.

**Propeller Shaft:** Large-diameter steel tubing.

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

**Front Axle:** Drop center, I-beam, heat-treated-steel drop forging. Fore and aft steering hook-up; tie rod at rear for protection.

**Final Drive:** Semi-floating, spiral-bevel gear type. Chromo-molybdenum steel axle shafts. Pressure-steel, bush-type housing. Differential and axle-shaft bearings are tapered rollers.

**Axle Reduction:** 4.18 to 1.

**Steering Gear:** Irreversible cam and lever type.

**Brakes:** Service: 4-wheel, mechanical, self-energizing, internal-expanding, two-shoe type. Cable controlled. Hand: 4-wheels. All brakes fully enclosed.

**Springs:** Semi-elliptic. Front, 1% x 36% in.; rear, 1% x 51 in.

**Wheels:** Wire, 16-in., 40-spoke type.

**Tires:** 6.00-16 balloon tires, front and rear.

**Control:** Left-hand drive. Horn control on top of steering column. Throttle, light, choke, and heat controls on instrument panel. Accelerator, clutch, and service brakes operated by pedals. Gear-shift and hand brake levers located in center of driving compartment.

**Standard Equipment:** Cowl and dash; front and rear fenders; running boards; right front fender well; tire carrier; spare wire wheel; license brackets; starting battery; generator; horn; electric head (tilt beant), bell, and dash lights; air cleaner; jack; and tools. Speedometer, ammeter, oil pressure gauge, heat indicator, gasoline gauge, and instrument light.

**Specifications subject to change without notice**