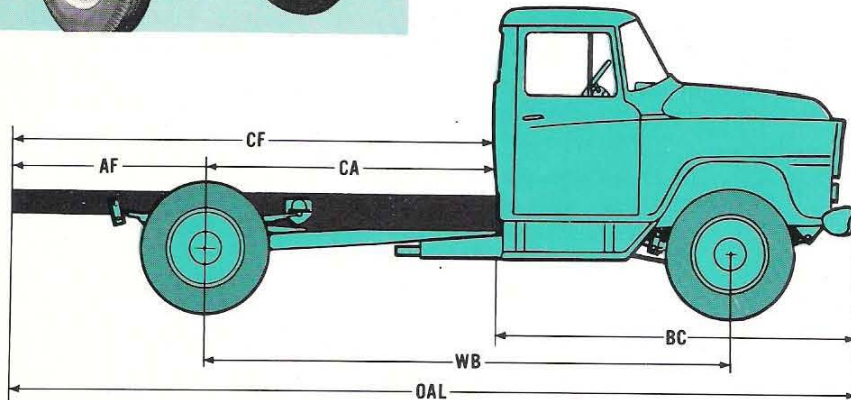




# INTERNATIONAL® B-140 (4x4) SERIES

MAXIMUM GVW, 17,000 LB.



MODEL	GVW RATING
B-140 (4 x 4)	11,000 lb.
B-142 (4 x 4)	*14,000 lb.
B-144 (4 x 4)	**17,000 lb.

\*Requires heavy-duty front and auxiliary rear springs.  
\*\*Requires heavy-duty front and auxiliary rear springs, frame reinforcement and oversize rear axle.



## CHASSIS DIMENSIONS

Wheelbase (WB)	129	141	153
Over-all length with front bumper (OAL)	197 <sup>5</sup> / <sub>16</sub>	209 <sup>5</sup> / <sub>16</sub>	245 <sup>5</sup> / <sub>16</sub>
Back of cab to center line of rear axle (CA)	60	72	84
Center line of rear axle to end of frame (AF)	32	32	56
Back of cab to end of frame (CF)	92	104	140
Bumper to back of cab (BC)	105 <sup>5</sup> / <sub>16</sub>	105 <sup>5</sup> / <sub>16</sub>	105 <sup>5</sup> / <sub>16</sub>
Turning radius with bumper clearance (feet)	28 <sup>3</sup> / <sub>4</sub>	31	33 <sup>1</sup> / <sub>2</sub>
Weight with cab, fuel, oil, water, standard Model B-140 (4x4), approximate (in pounds)	4555	4585	4645

Dimensions are shown in inches. The following dimensions are the same for all wheelbases with 8-19.5 tires.

Tread: Front wheels, 70<sup>15</sup>/<sub>16</sub>; rear, 67<sup>3</sup>/<sub>16</sub>.

Road clearance: Front, 9<sup>3</sup>/<sub>16</sub>; rear, 9<sup>3</sup>/<sub>16</sub>.

Over-all width: Front, 80<sup>1</sup>/<sub>8</sub>; rear, 75<sup>9</sup>/<sub>16</sub>.

Height to top of frame from ground, loaded: Front, 29<sup>15</sup>/<sub>16</sub>; rear, 30<sup>1</sup>/<sub>4</sub>.

## STANDARD SPECIFICATIONS

**Axle, Front:** Single reduction, hypoid bevel type. Rated capacity, 5,000 lb. Reduction, 6.166 to 1.

**Axle, Rear:** Full-floating, single reduction, hypoid type. Hotchkiss type final drive. Chrome-molybdenum steel axle shafts. Differential and wheel bearings are tapered rollers. Pinion is straddle-mounted, supported on roller bearings. Reduction, 6.166 to 1. Rated capacity, 10,000 lb.

**Brake, Hand:** Located at rear of transfer case. Lining area, 30.56 sq. in.

**Brakes, Service:** Hydraulic, internal-expanding, two-shoe, single-anchor type. Lining area, 237.1 sq. in.

**Cab:** Standard equipment includes adjustable, full-width, padded coil spring seat and back cushions with two-tone, vinyl-coated covering; safety glass Sweep-Around windshield, windows and Silent-Vent window wings; safety type door latches; right door lock; rear-view mirror; dual electric windshield wipers; left side sun visor; ash tray; map compartment; tool compartment; vinyl-coated insulated headliner; heavy-duty floor mat; concealed inside steps.

**Clutch:** 11-in. diameter, single plate, cushion disc, with coil spring vibration damper.

**Cooling System:** Centrifugal pump, balanced circulation with permanent by-pass for fast, even warm-up. V-belt drive. Fin-and-tube radiator. Large capsule type thermostat. Total capacity, 17<sup>1</sup>/<sub>2</sub> qt.

**Electrical System:** 12-volt. Vacuum-control, full-automatic distributor. 50-amp.-hr. capacity battery. Solenoid-operated, positive-engagement, spiral-mesh type starting motor. 30-amp. generator. Dual sealed-beam headlights.

**Engine:** International V-266, Y-block, short-stroke, low-friction, low-stress, eight-cylinder, valve-in-head, truck type. Bore, 3<sup>5</sup>/<sub>8</sub> in.; stroke, 3<sup>7</sup>/<sub>32</sub> in.; displacement, 266 cu. in.; compression ratio, 8.4 to 1. Maximum brake horsepower, 154.8 at 4400 r.p.m.; maximum torque, 227.1 lb.-ft. at 2800 r.p.m.

**INTERNATIONAL TRUCKS - World's Most Complete Line**

**Equipment, Standard:** Front bumper. Combination tail and stop light. Parking lights. Horn. Spare wheel.

**Finish:** Frame and wheels, black. Hood, cab and fenders painted in your choice of attractive solid standard colors. Anodized aluminum grille.

**Frame:** Pressed steel channel, 8 1/8 x 2 15/16 x 3/16 in.

**Fuel System:** Horizontal diaphragm, mechanical fuel pump driven from camshaft. Fuel filter. Downdraft carburetor. Large capacity, high efficiency, oil bath air cleaner. 21-gal. undercab fuel tank.

**Lubrication System:** Full pressure feed to all main, connecting rod and camshaft bearings. Deep sump oil pan. External gear type oil pump; wire mesh floating oil strainer. Full-flow oil filter. Oil capacity, 7 qt.

**Propeller Shaft:** Large-diameter, heavy-gauge steel tubing, dynamically balanced. Needle bearing, anti-friction universal joints.

**Springs:** Semi-elliptic. Front, 48 x 2 1/4 in. Rear, 54 x 3 in. Auxiliary springs required.

**Steering:** Semi-reversible, dual ratio, cam and roller-mounted twin lever gear. Four-spoke, 18-in. safety type steering wheel.

**Tires:** Front and single rear, tubeless, 8-19.5, 8-ply.

**Transfer Case:** Declutching type. Three-position shifting — high, direct; low, 2.25 to 1 reduction; neutral. Manual engage and disengage of front-wheel drive. Provision for mounting full torque power take-off at rear of input shaft.

**Transmission:** Sliding gear, selective type, mounted in unit with engine. Four speeds forward, one reverse. Reductions — low, 6.40 to 1; second, 3.09 to 1; third, 1.69 to 1; fourth, direct; reverse, 7.82 to 1. Power take-off openings, both sides.

**Wheels:** Disc type, 5.25 rims.

### OPTIONAL EQUIPMENT AT EXTRA COST

**Bodies:** Factory-mounted. 8 1/2-ft. standard pickup.

**Cab:** Optional equipment includes: full depth foam rubber or rubber-topped seat and back cushions; extra fixed arm type, extension type or inside rear view mirrors; dome light; arm rests; right side sun visor; tinted glass; cigar lighter; grab handles; left door lock; map compartment lock; sliding rear window and screen.

**Axle, Rear:** Full-floating, single reduction, hypoid type. Hotchkiss type final drive. Chrome-molybdenum steel axle shafts. Differential and wheel bearings are tapered rollers. Heat-treated, one-piece tubular banjo type steel housing, welded-on cover. Pinion is straddle-mounted, supported on roller bearings. Reductions, 6.166 to 1. Rated capacity, 13,500 lb.

**Clutch:** 10-in. diameter for six-cylinder engine.

**Electrical System:** 60-amp.-hr. battery. 50-amp. heavy-duty generator; 20 or 35-amp. charge at idle generator. Dual stop and tail lights. Front axle warning light. Corner and marker lights. Dual electric horns.

**Engine:** International Black Diamond 264, I-block, high-torque, six-cylinder, valve-in-head type. Bore, 3 11/16 in.; stroke, 4 1/8 in.; displacement, 264.33 cu. in.; compression ratio, 7.5 to 1. Maximum brake horsepower, 153.5 at 3800 r.p.m.; maximum torque, 248 lb.-ft. at 2400 r.p.m. . . . High altitude equipment . . . BD-240 or BD-264 equipped for operation on LP Gas. Heavy-duty air cleaner.

**Engine:** International Black Diamond 240, I-block, high-torque, six-cylinder, valve-in-head type. Bore, 3 9/16 in.; stroke, 4.018 in.; displacement, 240.3 cu. in.; compression ratio, 7.5 to 1. Maximum brake horsepower, 140.8 at 3800 r.p.m.; maximum torque, 223.5 lb.-ft. at 2000 r.p.m. Four steel-backed, replaceable-shell, precision type main bearings.

**Equipment:** Power steering cylinder, valve, reservoir and pump. Power brake cylinder. Directional signals. Engine governor. Hand-throttle control. Special paint color or two-tone combination. Increased capacity cooling. Chrome bumpers.

**Frame:** Reinforcements.

**Fuel System:** 20 or 31-gal., single or dual, auxiliary fuel tanks.

**Heater and Defroster:** Recirculating and fresh air type.

**Power Take-off:** Full torque type, mounted at rear of transfer case.

**Shock Absorbers:** Direct acting, front and rear.

**Springs:** Heavy-duty, front. Auxiliary rear, 34 x 3 in.

**Tires:** Dual rear. Tubeless or tubed, alternate sizes. Special treads.

**Tire Carrier:** Underslung. Lock.

**Tow Hooks:** Two, front. Tow loop, rear. Pintle hook.

**Transmission:** Heavy-duty four-speed synchromesh.

**Winch:** Front-mounted.

In order that product improvements may be introduced at any time, the right is reserved to change specifications without notice.



INTERNATIONAL HARVESTER COMPANY  
180 NORTH MICHIGAN AVE. • CHICAGO 1, ILLINOIS