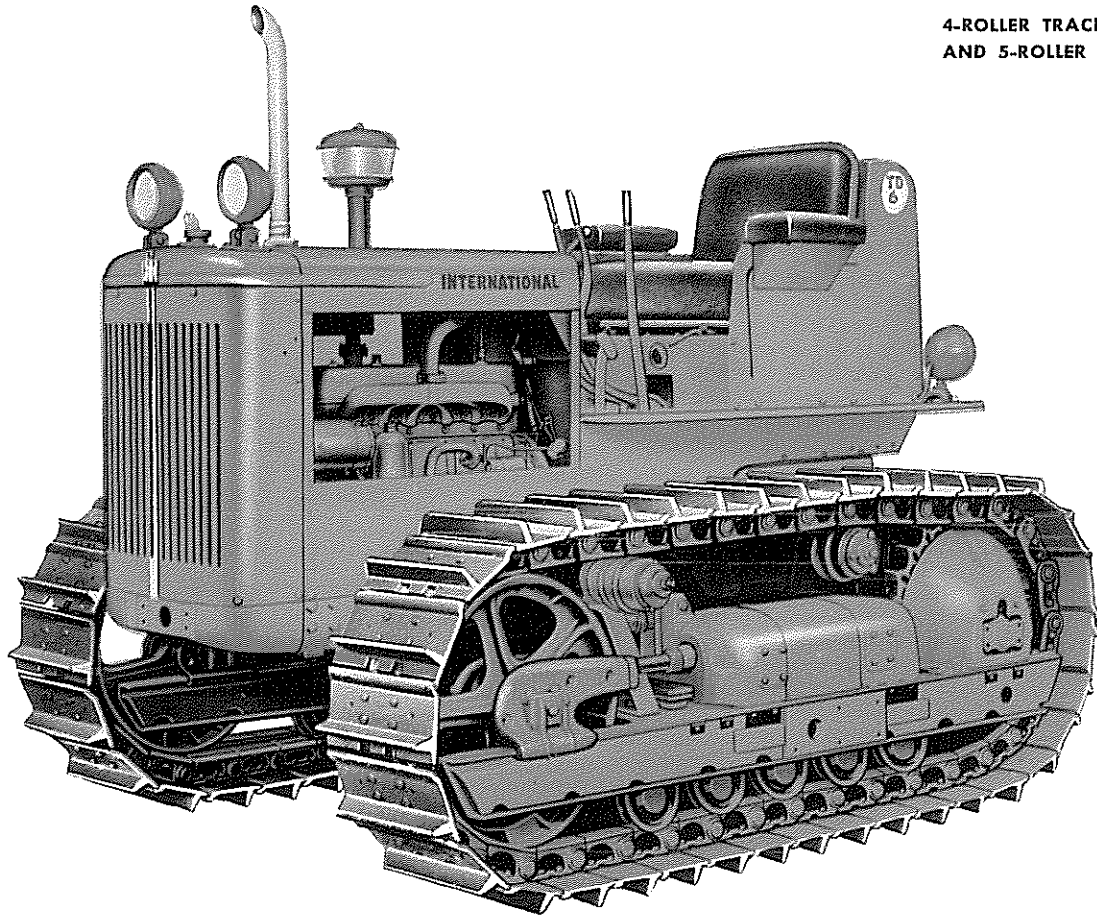


INTERNATIONAL®

TD-6 (62 SERIES)

CRAWLER TRACTORS

4-ROLLER TRACK FRAMES
AND 5-ROLLER TRACK FRAMES



TD-6 FEATURES

- New six-cylinder International direct-start diesel engine
- Flat deck, mounted flush with fenders for unsurpassed leg room and good underfoot ventilation
- Big, roomy adjustable seat with extra-wide arm rests
- Easy-operating engine clutch with long-life sintered metal facings
- New track roller seals with 1000-hour lubrication periods

TD-6 CR-682-M1.
(Replaces CR-682-L)

SPECIFICATIONS

INTERNATIONAL TD-6 (62 SERIES) DIESEL CRAWLER TRACTOR (5-ROLLER TRACK FRAMES) (4-ROLLER TRACK FRAMES)

Horsepower—Maximum values from observed performance corrected to sea level barometric pressure (29.92 inches of mercury) and 60° Fahrenheit.
 Drawbar Horsepower..... 42.3
 Engine Horsepower @ flywheel..... 52

Traveling Speeds in miles per hour, computed at 1550 RPM engine speed (for feet per minute, multiply by 88).

Transmission Gear	Regular MPH	2-Speed Reverse MPH
1.....	1.6.....	1.6.....
2.....	2.3.....	2.3.....
3.....	3.3.....	4.0.....
4.....	4.0.....	5.7.....
5.....	5.7.....
Rev.....	1.8.....	1.8.....
Rev.....	3.7.....

Drawbar Pull in Pounds

Transmission Gear	Regular Pull, Pounds @ Rated RPM	Regular Pull, Pounds @ Max. RPM	2-Speed Reverse Pull, Lb. @ Rated RPM	2-Speed Reverse Pull, Lb. @ Max. RPM
1.....	8,800 (*9,650).....	*10,500.....	8,800 (*9,650).....	*10,500.....
2.....	6,700.....	7,250.....	6,700.....	7,250.....
3.....	4,500.....	4,900.....	3,600.....	3,900.....
4.....	3,600.....	3,900.....	2,400.....	2,650.....
5.....	2,400.....	2,650.....

*With adequate weight and traction.

Engine—International 4-cycle direct-start diesel, valve-in-head type.

Number of cylinders.....	6
Bore and stroke, in.....	3 11/16 x 4.39
Piston displacement, cu. in.....	282
Rated governed speed, r.p.m.....	1,550
Piston speed, ft. per min.....	1,134
Lubrication, crankshaft, connecting rods, camshaft, and valve rocker levers.....	Full pressure
Crankshaft, through-hardened, fully balanced:	
Number of main bearings.....	4
Diameter, main bearings, in.....	2 3/4
Length, main bearings, in.....	5.2

Electric Starting & Lighting—Twelve-volt system includes direct electric starting motor, glow plugs, 17 amp. generator, heavy duty batteries, two headlights and one rear light.

Engine Clutch—Single-plate, over-center, with sintered metal facings and automatic clutch brake:

Diameter, in.....	12
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Transmission—Selective sliding gear type. Carburized alloy steel gears:

Bevel gear ratio.....	4.22:1
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Steering Clutches spring booster controlled (one for each track):

Diameter, in.....	10 7/8
Friction surfaces (each clutch).....	22
Effective friction area (each clutch), sq. in.....	1,022

Steering Brakes (one for each track):

Diameter, in.....	12 1/8
Friction area (each brake), sq. in.....	78

Final Drive (mounted on ball bearings):

Speed reduction ratio, bull gears.....	4.25:1
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Track Dimensions, inches:

Gauge, center to center of tracks, 5 roller.....	50
Gauge, center to center of tracks, 4 roller.....	40 and 50
Length of tracks on ground, 5 roller.....	69 3/8
Length of tracks on ground, 4 roller.....	58 5/8
Track shoes, width, regular.....	12
Height of grouser.....	1 15/16
Track pin diameter.....	1 1/4
Track pin bushing diameter.....	1 13/16
Track shoe bolt diameter.....	7/16
Track-driving sprocket pitch diameter.....	24.047
Number of track rollers (each side).....	5
Number of track rollers (each side).....	4
Number of track idlers (each side), 5 roller.....	2
Number of track idlers (each side), 4 roller.....	1
Number of track shoes (each side), 5 roller.....	36
Number of track shoes (each side), 4 roller.....	32
Area of ground contact with 12-in. shoes, sq. in., 5 roller.....	1,665
Area of ground contact with 12-in. shoes, sq. in., 4 roller.....	1,407
Area of ground contact with 16-in. shoes, sq. in., 5 roller.....	2,220
Area of ground contact with 16-in. shoes, sq. in., 4 roller.....	1,876
Pull bracing grouser area with 12-in. shoes, sq. in., 5 roller.....	558
Pull bracing grouser area with 12-in. shoes, sq. in., 4 roller.....	465
Pull bracing grouser area with 16-in. shoes, sq. in., 5 roller.....	744
Pull bracing grouser area with 16-in. shoes, sq. in., 4 roller.....	620

Tractor Dimensions inches:

Length, overall.....	109
Width, overall, 40-in. gauge, 12-in. shoes, 4 roller.....	53
50-in. gauge, 12-in. shoes, 4 and 5 roller.....	63
50-in. gauge, 16-in. shoes, 4 and 5 roller.....	66
Height, grouser tip to highest point, less exhaust and air cleaner pipes.....	68 7/8
Turning radius, 40-in. gauge, 4 roller.....	65
50-in. gauge, 4 and 5 roller.....	74
Minimum ground clearance, from base of shoe (at equalizer spring).....	8.9
Drawbar, height (center line of clevis to bottom face of track shoe).....	12 1/4
Drawbar, lateral movement at pin.....	19 3/4

Capacities (U.S. standard measures):

Cooling system, gal.....	9 1/4
Fuel tank, gal.....	33
Engine lubrication, including filters, qt.....	9
Transmission case, qt.....	16
Final drive cases (each) qt.....	1
Air cleaner, pt.....	3 3/4

Regular Price Coded Equipment:

- Electric starting and lighting.
- Front power take-off coupling.
- Electric hour meter; precleaner; and underhood muffler.

Net Weight (approximate pounds):

Basic tractor with 12-in. shoes and regular price coded equipment:	
40-in. gauge tractor, 4 roller.....	7,876
50-in. gauge tractor, 4 roller.....	8,029
50-in. gauge tractor, 5 roller.....	8,597

Operating Weight (approximate pounds):

Tractor with regular price coded equipment, fuel, water and 12-in. shoes:	
40-in. gauge tractor, 4 roller.....	8,191
50-in. gauge tractor, 4 roller.....	8,345
50-in. gauge tractor, 5 roller.....	8,918

Specifications subject to change without notice.

INTERNATIONAL HARVESTER COMPANY • 180 N. Michigan Ave. • Chicago 1, Ill. (General Office)

Plants located in the United States; Hamilton, Ontario, Canada; Chatham, Ontario, Canada; Doncaster, England; Geelong, Australia; Saltillo, Mexico; Neuss, Germany; Norrkoping, Sweden; Montataire, France; Croix, France; St. Dizier, France.