



JD350-C WIDE-TRACK BULLDOZER

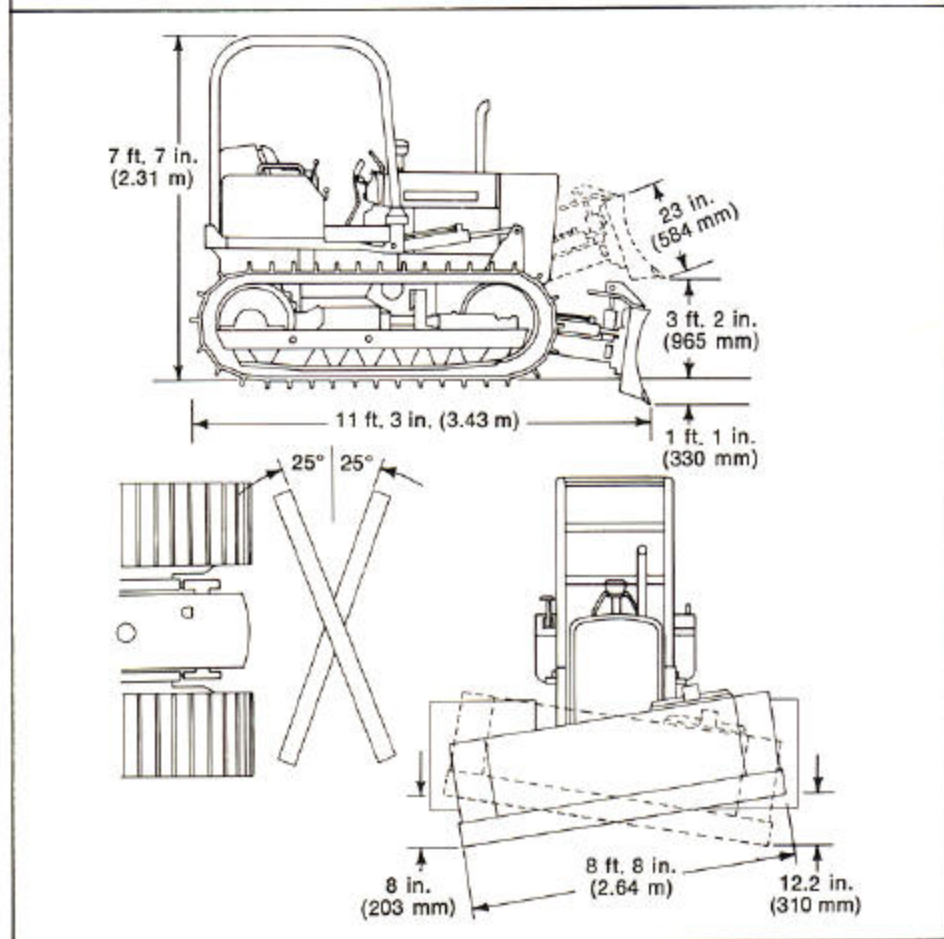
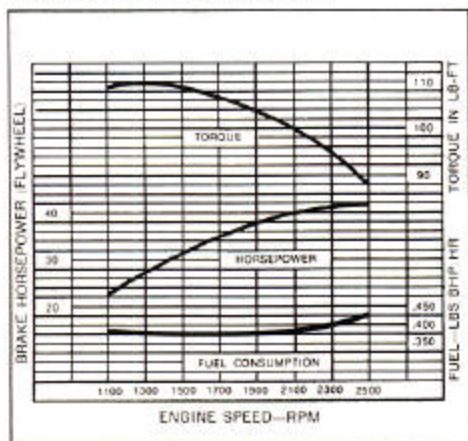
FEATURES

- 42 SAE net hp (44.6 DIN-PS)
- Single lever controls all dozer functions
- Hydraulic track adjustment
- High flotation
- Track-width dozer blade
- Self-adjusting, oil-cooled steering clutches and brakes
- Excellent side-hill stability
- Walk-through compartment
- Hydraulic direction reverser
- Vandal protection
- Roll-over protective structure (ROPS)
- Convertible to regular track equipment

ADD VERSATILITY WITH:

- Winch
- Backhoe

ENGINE PERFORMANCE



ED MILLER CO., INC.
GERING, NEB.

JD350-C WIDE-TRACK BULLDOZER SPECIFICATIONS



(Specifications and design subject to change without notice. Wherever applicable, specifications and design are in accordance with IEMC and SAE Standards. Except where otherwise noted, these specifications are based on a unit with diesel engine, roll-over protective structure, and standard equipment.)

Power (@ 2,500 engine rpm):	SAE	DIN
Gross	46 hp (34.3 kW*)	
Net	42 hp (31.3 kW)	44.6 PS
Drawbar	31.2 hp (23.3 kW)	33.2 PS

Net engine flywheel power is for an engine equipped with fan, air cleaner, water pump, lubricating oil pump, fuel pump, alternator, and muffler. Gross engine power is without fan. Flywheel power ratings are under SAE standard conditions of 500-ft. altitude and 85° F. temperature and DIN 70 020 standard conditions of 760 mm Hg barometer (sea level) and 20° C. temperature. *In the International System of Units (SI), power is expressed in kilowatts (kW).

Engine: John Deere 3-cylinder diesel, valve-in-head, 4-stroke cycle

Bore and stroke	3.86x4.33 in. (98x110 mm)
Displacement	152 cu. in. (2491 cm ³)
Compression ratio	16.2 to 1
Maximum torque @ 1,300 rpm	110 lb-ft (15.2 kgm)
NACC or AMA (U.S. Tax) horsepower	17.88
Main bearings	4
Lubrication	Pressure system w/full flow filter
Cooling	Pressurized w/thermostat and fixed bypass
Fan	Blower
Air cleaner w/restriction indicator	Dry
Electrical system	12-volt w/alternator
Battery	Reserve capacity; 180 minutes

Transmission Selective sliding gear

Clutch 11-in. (279 mm) single-disk

Hydraulic Direction Reverser Multiple-disk oil clutches

Gear: Rev. to Fwd.	Travel Speeds:	
	mph	km/h
1st	1.4	2.3
2nd	1.9	3.1
3rd	3.3	5.3
4th	6.5	10.4

Steering:

Steering clutches and brakes are controlled by a single lever for each track. A pedal provides braking and lockdown for parking.

Clutches Oil-cooled, hydraulically-actuated, multiple-disk; 9-in. (228 mm) disk; 16-friction surfaces per clutch.

Brakes Self-adjusting, self-energizing, oil-cooled contracting band with bonded lining.

Hydraulic System:

Control	Single "T-bar", triple hydraulic system
Pump	Gear, 15 or 23 gpm (57 or 87 l/min)
Pressure	1,750 psi (123.0 kg/cm ²)

Hydraulic Cylinders:	Bore	Stroke
Lift, two	3-in. (76 mm)	12.125-in. (308 mm)
Angle, two	3-in. (76 mm)	13.375-in. (340 mm)
Tilt, one	2.5-in. (64 mm)	7-in. (178 mm)
Cylinder rods	Ground, heat-treated, chrome-plated, polished	
Cylinder pivot pins	Hardened steel (replaceable bushings)	

Tracks: (5-roller track frames w/rock guards)

Wide-track grouser	33-in. (838 mm)
Track shoes, each side	36
Ground contact area	4,574 sq. in. (29 510 cm ²)
Ground pressure	2.7 psi (0.1898 kg/cm ²)
Length of track on ground	69.3 in. (1.76 m)
Track gauge	68 in. (1.73 m)
Carrier roller	1
Adjustment	Hydraulic
Clearance at rear crossbar	13.25 in. (337 mm)

Blade: Reinforced, box-welded

Cutting edge	3-piece, reversible, replaceable
Center section	0.5 in. (12.7 mm)
End bits	0.625 in. (15.8 mm)

Capacities:

	U.S.	Liters
Cooling system	3.25 gal.	12.3
Fuel tank	22 gal.	83.0
Crankcase, including filter	9 qt.	8.5
Transmission, steering clutch housings and final drives	10 gal.	38.0
Direction reverser	12 qt.	11.3
Hydraulic reservoir	6.4 gal.	24.5
Hydraulic system	9.25 gal.	35.0

Additional Standard Equipment:

- Front/rear bottom guard
- Front hitch
- Deluxe cushion seat w/arm rests
- Key switch w/push-button safety start
- Pre-cleaner
- Electric hourmeter
- Grease gun
- Engine side shields
- Cigaret lighter
- Radiator sand shield
- Transistorized voltage regulator
- Lights
- Vandal protection
- Tachometer
- Ether starting aid
- Trash-resistant radiator

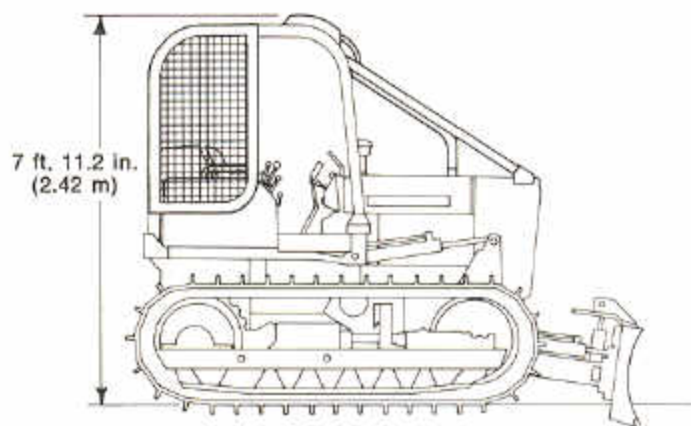
SAE Operating Weight w/ROPS: 12,050 lb. (5466 kg)

Special Equipment

- Spark arresting muffler
- PTO (540 rpm)
- Swinging drawbar
- Auxiliary hydraulic system w/ breakaway couplings
- Remote cylinder and lines
- Three-point hitch

Dozer counterweight

- Winch drive
- Two batteries
- ROPS w/canopy and seat belt
- Cab (includes ROPS)



Limb risers and brush protection assembly for roll-over protective structure