



DRESSTA TD-15M LA

LANDFILL CRAWLER DOZER

EXTRA

■ Net Horsepower
142 kW (190 hp)

■ Blade Capacity
10.9 m³ (14.3 yd³)

■ Operating Weight
23 480 kg (51,764 lb)



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LANDFILL CRAWLER DOZER

- Comfortable, sound suppressed cab
- Engine hood and side doors, perforated
- Two-speed geared steering
- Joystick for transmission and steering module control



ENGINE

* Make and Model	CUMMINS QSC 8.3
Type	In-line, 6-cylinder
Aspiration	Turbocharged and CAC
Fuel system	HPCR Electronic
Gross Horsepower SAE J1995	153 kW (205 hp)
Net Horsepower SAE J1349/ISO 9249	142 kW (190 hp)
Rated rpm	1950 rpm
Max. torque @1450 rpm	1010 Nm (745 lb-ft)
Displacement	8.3 l (505 in ³)
Bore and Stroke	114 x 135 mm (4.49" x 5.32")
Air cleaner	dry type with exhaust aspirated primary, safety elements and service indicator

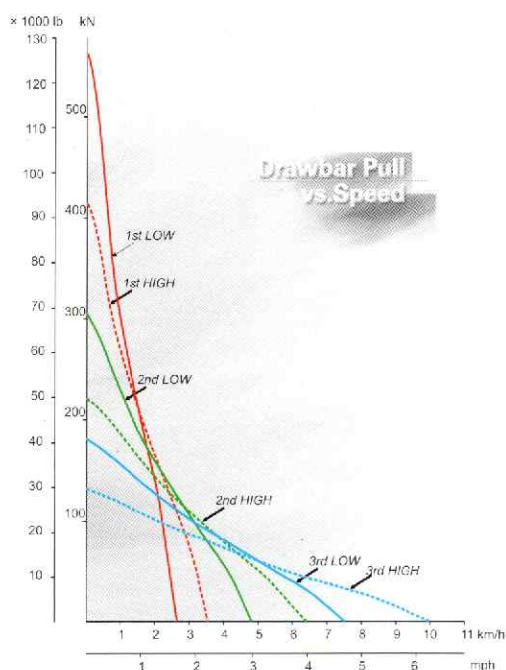
* Meets EU Stage IIIA and EPA Tier 3 emission regulations

TRANSMISSION & TORQUE CONVERTER

Modular, countershaft type power shift, electro-hydraulic control. Preset travel speed selection and auto-downshift. Single stage 370 mm (14.6") torque converter with a 2.6 stall ratio drives to transmission through a double universal joint.

TRAVEL SPEEDS

Gear	Range	Forward		Reverse	
		km/h	(mph)	km/h	(mph)
1 st	Low	2.7	(1.7)	3.2	(2.0)
	High	3.6	(2.2)	4.3	(2.7)
2 nd	Low	4.9	(3.0)	5.7	(3.5)
	High	6.5	(4.0)	7.6	(4.7)
3 rd	Low	7.7	(4.8)	9.0	(5.6)
	High	10.2	(6.3)	11.9	(7.4)



STEERING & BRAKING

Two-speed geared steering module provides gradual turns while maintaining full power to both tracks plus conventional clutch-brake performance for tight or pivot turns. This type of steering system offers superior traction in all types of operations and terrain.

Coupled to 3-speed transmission, the 2-speed steering provides 6 speeds forward and 6 reverse. The left hand joystick controls transmission and steering drive for up and down shifting, steering, Hi/Lo selection and LH/RH gradual geared turn.

Foot pedal applies both brakes for parking and downhill control. Brakes are spring applied and hydraulically released.

FINAL DRIVES

Double-reduction module provides desired gear reduction at the sprocket. Ring-type sprocket distributes wear evenly over track bushings, letting every tooth ride free one-half of the time to reduce wear. Final drives or sprockets are replaceable without removing track frames.

TRACK FRAME

All-welded heavy box section track frame is kept in alignment with track frame guides providing true vertical oscillation.

Track rollers, each side	6
Top idlers, each side	2
Front idlers (drum type)	1
All rollers and idlers	lifespan lubricated
Oscillation at center of front idler	293 mm (11.52")

HYDRAULIC CONTROL SYSTEM

Pump, tandem gear, driven from torque converter.

Output @ rated engine rpm173 l/min. (46 gpm)

Relief valve setting17.2 MPa (2,500 psi)

Cylinders, bore and stroke:

lift101.6 x 1233.5 mm (4" x 48.6")

tilt139.7 x 147 mm (5.5" x 5.8")

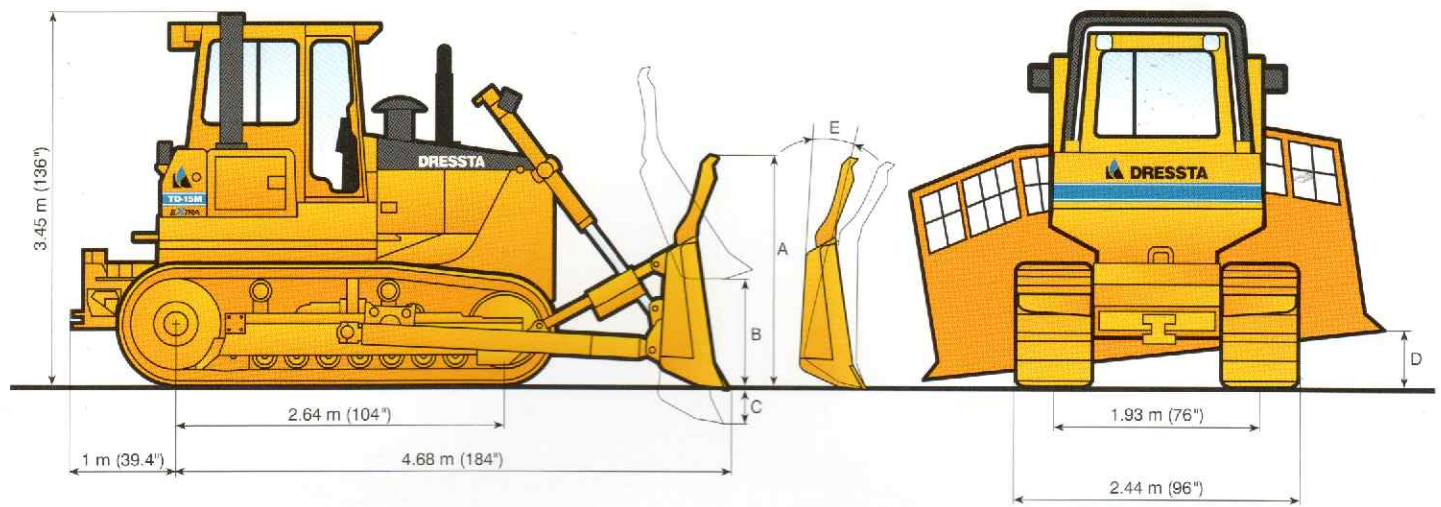
tilt/pitch139.7/152.4 x 147 mm (5.5"/6" x 5.9")

REFILL CAPACITIES

	Liter	(US gal)
Fuel tank	388	(102.5)
Cooling system	50	(13.2)
Crankcase w/filter	23	(6.1)
Transmission system	153	(40.4)
Final drive, each side	40	(10.6)
Hydraulic reservoir	60	(16)

OPERATING WEIGHT

Includes standard equipment
and Semi-U dozer23 480 kg (51,764 lb)



VERTICAL DIMENSIONS INCLUDE 76 mm (3") GROUSER HEIGHT

OVERALL DIMENSIONS WITH EQUIPMENT

Length with Semi-U blade and rear striker bars	5.68 m (18'8")
Length with Semi-U blade and ripper	6.48 m (21'3")
Width over trunnions	2.81 m (9'3")

BLADE SPECIFICATION

Semi-U blade capacity, SAE J1265	10.9 m ³ (14.3 yd ³)
Blade dimensions:	
- width over end bits	3.44 m (135")
- height	A 2.05 m (80.7")
Max. lift straight	B 1.104 m (43.5")
Max. drop below ground level	C 463 mm (18.2")
Max. tilt adjustment	D 724 mm (28.5")
Max. pitch adjustment	E 9°
Weight of blade equipment	2970 kg (6,548 lb)

UNDERCARRIAGE

Track shoe width, standard	508 mm (20")
Track shoes, each side	39
Ground contact area with std. shoes	2.7 m ² (4,160 in ²)
Ground pressure	85.8 kPa (12.4 psi)
Height of grouser	64 mm (2.52")
Track adjustment	full hydraulic
Ground clearance	445 mm (17.5")

RIPPER

TOOL BEAM

Overall width	2.23 m (88")
Cross section, height x width	.229 x 254 mm (9" x 10")
Ground clearance under tool beam:	
- ripper raised	1023 mm (40.3")
- ripper lowered	108 mm (4.3")

WEIGHT

Complete, including one shank	1655 kg (3,649 lb)
Each additional shank	94.5 kg (208 lb)

SHANKS

Number of shanks, max.	3
Spacing center to center	1015 mm (40")
Penetration, max.	600 mm (24")
Ground clearance, max raised	455 mm (17.9")
Shank positions (vertical)	2
Penetration force	64 kN (14,387 lb)
Pryout force	268.7 kN (60,404 lb)

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STANDARD EQUIPMENT

- Air cleaner, dry type with exhaust aspirated primary, safety elements and service indicator. Includes turbine type pre-cleaner with debris guard.
- Air conditioner / heater / pressurizer / defroster, underseat mounted; A/C condenser behind roof mounted.
- Alarm, back-up
- Alternator, 80 A
- Antifreeze, -37° C (-34° F)
- Batteries, (2) 12 V, 815 CCA, maintenance free
- Brakes, foot, spring applied, hydraulically released
- Cab with 2 post ROPS, sound suppression, air recirculation system, 2F & 2R lights, 4 wipers w/washers, dome light, interior mirror (approved according to ROPS - SAE J1040 and FOPS - SAE J231)
- Coolant filter conditioner
- Cooling module; includes radiator, transmission oil cooler, charge air cooler; isolation mounted
- Decelerator - right foot pedal and brake-center foot pedal
- Diagnostic centers for power train and equipment hydraulic pressures
- Drawbar, fixed
- Ecological drains for engine oil, radiator coolant and hydraulic oil
- Engine hood, sloped, perforated type
- Engine side doors, hinged, perforated type
- Exhaust pipe extension
- Fan, hydraulically actuated, in-motion variable pitch system, airflow reversible
- Filters, engine oil, full flow and by-pass with replaceable "spin-on" elements
- Filters, power train, equipment hydraulics, "spin-on" micro glass type
- Final drive seal guard
- Fuel strainer
- Guards: crankcase, hinged, severe service type with front pull hook, transmission, severe service type, fan, radiator and sprocket rock and dirt deflector
- Horn, electric
- Hydraulic control, 2-spool valve, 1 lever (lift/tilt)
- Instruments:
 - Gauges: fuel level, engine coolant temperature, engine oil pressure, torque converter oil temperature, voltmeter, hourmeter, joystick control display
 - Warning lights: air cleaner filter, transmission oil filter, hydraulic oil filter, transmission/clutch oil low pressure
 - Audible & visual warning system: low engine coolant level, low engine oil pressure, high engine coolant temperature, high torque converter oil temperature
- Lights w/guards, 2F - lift cylinders mounted, 2R with metal grid covers - fuel tank mounted
- Muffler, under engine hood, insulated
- Radiator guard door, louvered, hinged, quick opening
- Rear operator platform
- Receptacle, starting/charging
- Seat, deluxe, air suspension type, fabric cover, adjustable with arm rests, swivel 14° to right
- Special rear, quick opening, perforated type enclosure plates beneath fuel tank
- Starting aid - air grid heater
- Starting, 24 V
- Steel debris deflector bars, below engine side doors
- Steering, planetary type, 2 speed, left hand single lever control (joystick)
- Tools compartment
- Torque converter, single stage
- Track adjusters, hydraulic
- Track chain guides, integral
- Track chain, sealed and lubricated (LTS) with split master link, 39 links
- Track frame, 6 roller, 1930 mm (76") gauge, oscillating type, lifespan lubricated rollers and idlers
- Track shoes, 508 mm (20") with clean out holes, severe service type
- Transmission, power shift, 3 speeds forward, 3 reverse, preset travel speed selection and auto-downshift
- Vandalism protection for cab & engine enclosures
- Water separator, fuel system
- Winch, electrical, for lowering engine crankcase guard

OPTIONAL ATTACHMENTS

- Air recirculation system with MSHA filters
- AM/FM CD radio
- Batteries, cold start (2) 12 V, 960 CCA
- Blade equipment:
 - Semi-U with trash rack, 10.9 cu.m (14.3 cu.yd)
 - Hydraulic tilt
 - Hydraulic tilt/pitch
- Exhaust pipe extension w/guard (for use with forestry sweeps)
- Guards
 - Final drive, rock
 - Tank guard, bolted
 - Track roller, full length
 - Striker bars, front
 - Striker bars, rear (not for use w/ripper or winch)
 Include rigid drawbar and counterweight (max. 5 vertical plates)
- Hydraulic controls:
 - 2-spool valve, 1 lever (for use with tilt/pitch)
 - 3-spool valve, 2 lever (for use w/ripper and tilt or tilt/pitch)
- Lights, 2F, ROPS mounted (not for use with sweeps)
- Lights, 2F for use with sweeps (instead of standard 2F cab mounted lights)
- Mirrors, 2 pcs, exterior, cab mounted
- Pilot operated hydraulic controls:
 - 3-spool valve (3rd section plugged), 1 lever (for use with tilt or tilt/pitch)
 - 3-spool valve, 2 lever (for use with ripper and tilt or tilt/pitch)
- Ripper, multi-shank
 - Rear striker bars, ripper frame mtd
 - Ripper shank w/pin, max. 3
- Screen rear (required for winch application), includes deduct for standard operator platform
- Screening pkg; cab for screens installation must be ordered
 - Screens for cab windows (front, rear, side and doors)
 - Screens for cab lights
- Sound suppression package
- Sun visor in cab
- Sweeps, forestry, front and rear
- Starting/charging receptacle plug assembly
- Tools in metal box
- Track shoes with clean out holes, severe service type 560 mm (22"), 610 mm (24"), 660 mm (26")

Specifications subject to change without notice. Illustrations and pictures may include optional equipment and may not include all standard equipment.

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