

# **DRESSTA** **TD-15 M LA** LANDFILL CRAWLER DOZER

## **EXTRA**

■ **Net Horsepower**  
**142 kW (190 hp)**

■ **Blade Capacity**  
**11.42 m<sup>3</sup> (14.9 yd<sup>3</sup>)**

■ **Operating Weight**  
**23 520 kg (51,852 lb)**



# TD-15M LA

## 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 <sup>3</sup> )
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

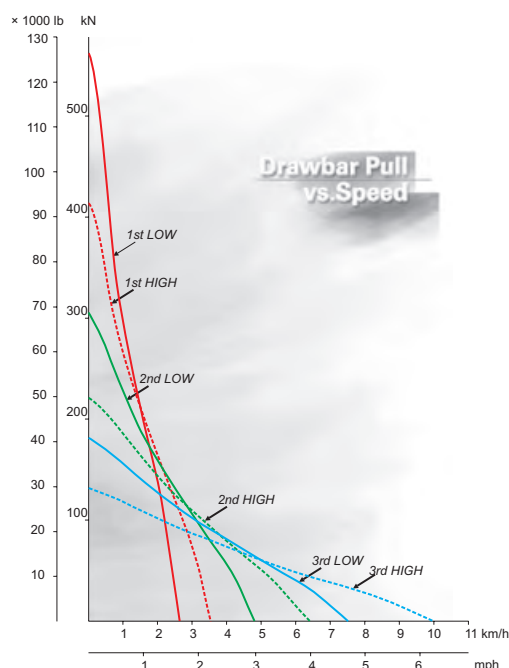
Modular, countershaft type power shift, electro-hydraulic control.

Preset travel speed selection and auto-downshift.

Single stage 370 mm (14.6") torque converter with a 2.6:1 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/Low 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 rpm 173 l/min (46 gpm)

Relief valve setting 17.2 MPa (2,500 psi)

Cylinders, bore and stroke:

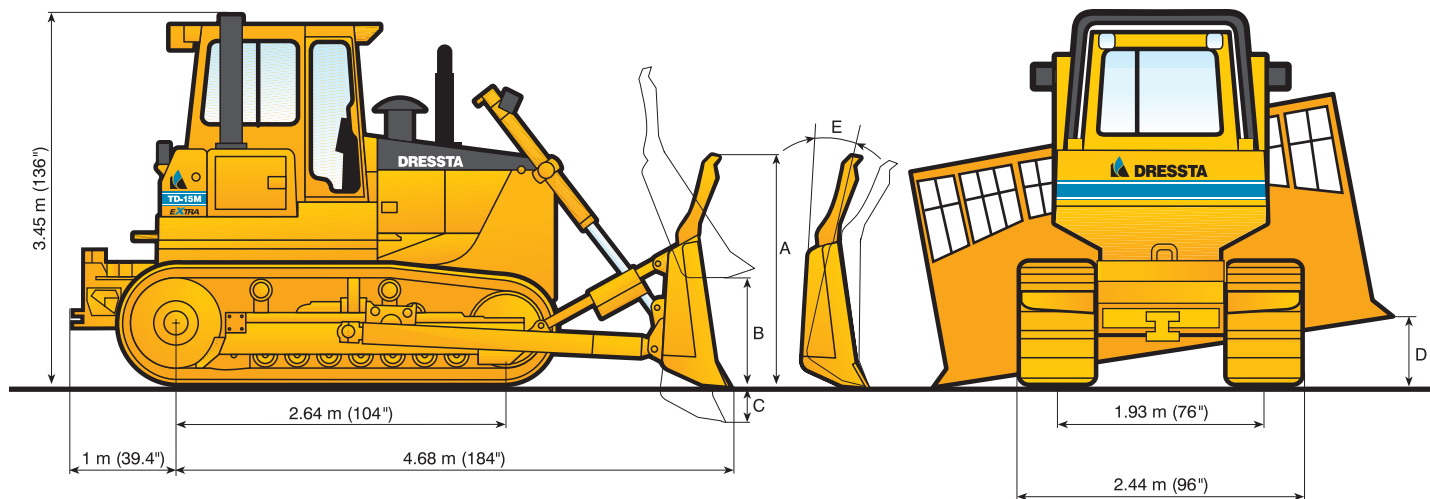
lift	101.6 x 1233.5 mm (4" x 48.6")
tilt	139.7 x 147 mm (5.5" x 5.8")
tilt/pitch	139.7/152.4 x 147 mm (5.5"/6" x 5.9")

### 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, blade equipment, coolant, lubricants and full fuel tank 23 520 kg (51,852 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	11.42 m <sup>3</sup> (14.9 yd <sup>3</sup> )
Blade dimensions:	
- width over end bits	3.44 m (135")
- height	A.....2.05 m (80.7")
Max. lift straight	B.....1104 mm (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	3010 kg (6,636 lb)

## UNDERCARRIAGE

Track shoe width, standard	508 mm (20")
Track shoes, each side	.39
Ground contact area	2.7 m <sup>2</sup> (4,160 in <sup>2</sup> )
Ground pressure w/standard equipment	.86 kPa (12.5 psi)
Height of grouser	.65 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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## LANDFILL CRAWLER DOZER



### STANDARD EQUIPMENT

- Air cleaner, dry type with exhaust aspirated primary, safety elements and service indicator Includes turbine type precleaner 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
- Ecological drains for engine oil, radiator coolant and hydraulic oil
- Engine hood, sloped, perforated type
- Engine side doors, hinged, perforated type
- Exhaust pipe extension with elbow
- 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 controls, pilot operated, 3-spool valve, 3 rd section plugged, 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 access platform
- Receptacle, starting/charging
- Seat belt (SAE J386) - 3" wide, retractable
- 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, 24 V
- Starting aid - air grid heater
- Steel debris deflector bars, below engine side doors
- Steering, planetary type, 2 speed, left hand single lever control (joystick)
- Striker bars, front (LH & RH)
- Striker bars, rear (LH & RH)
- Include rigid drawbar and counterweight (storage space for 5 vertical plates), include 3 plates
- 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"), severe service type with clean out holes
- Transmission, power shift, 3 speeds forward, 3 reverse, preset travel speed selection and auto-downshift
- Vandalism protection for cab and engine enclosures
- Water separator, fuel system
- Winch, electrical, for lowering engine crankcase guard

### OPTIONAL ATTACHMENTS

- AM/FM CD radio
- Batteries, cold start (2) 12 V, 960 CCA
- Blade equipment:
  - Semi-U with trash rack, 11.42 cu.m (14.9 cu.yd) with hydraulic tilt
  - Hydraulic tilt/pitch
- Exhaust pipe extension w/guard (for use with forestry sweeps)
- Guards
  - Final drive, rock
  - Tank guard, bolted (includes deduct for rear access platform)
  - Track roller, full length
  - Additional counterweight, 2 plates (for use with standard rear striker bars)
- Hydraulic controls, pilot operated:
  - 3-spool valve (3 rd section plugged), 1 lever (for use with tilt/pitch)
  - 3-spool valve, 2 lever (for use with ripper and tilt or tilt/pitch)
- Inspection lamp, 24 V, portable with 6 m (20') cable
- 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
- Ripper, multi-shank
  - Rear striker bars, ripper frame mounted
  - Ripper shank w/pin, max. 3
- Screen rear, required for winch application, for use with sweeps, (includes deduct for rear access platform)
- Screening package; cab for screens installation must be ordered
  - Screens for cab windows (front, rear, side and doors)
  - Screens for cab lights
- Sun visor in cab
- Sweeps, forestry, front and rear, (include tank guard)
- Starting/charging receptacle plug assembly w/cable
- Tools in metal box
- Track shoes, severe service type with clean out holes: 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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