



# DRESSTA TD-15M LA

LANDFILL CRAWLER DOZER

**EXTRA**

■ Net Horsepower  
142 kW (190 hp)

■ Blade Capacity  
10.9 m<sup>3</sup> (14.3 yd<sup>3</sup>)

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



# TD-15M LA

## LANDFILL CRAWLER DOZER



- Comfortable, sound suppressed cab
- Engine hood and side doors, perforated
- Front and rear striker bars, available
- 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

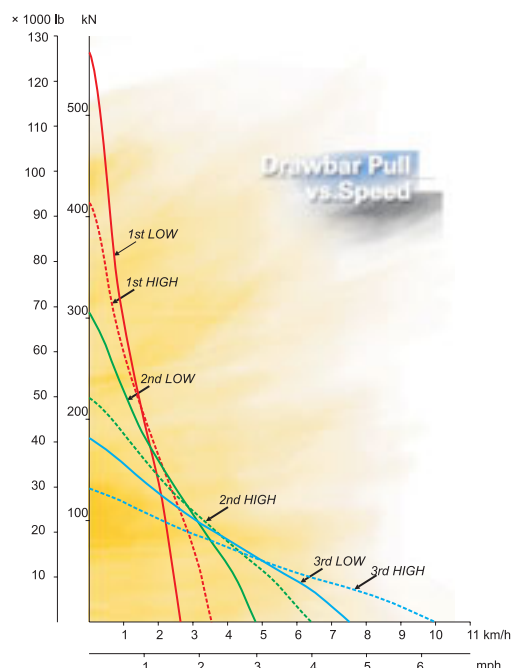
\* Meets EU Stage IIIA and EPA Tier 3 emission regulations

### TRANSMISSION & TORQUE CONVERTER

Modular, countershaft type power shift, electro-hydraulic control.  
 Preset travel speed selection and auto-downshift.  
 Single stage 330 mm (13") 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 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

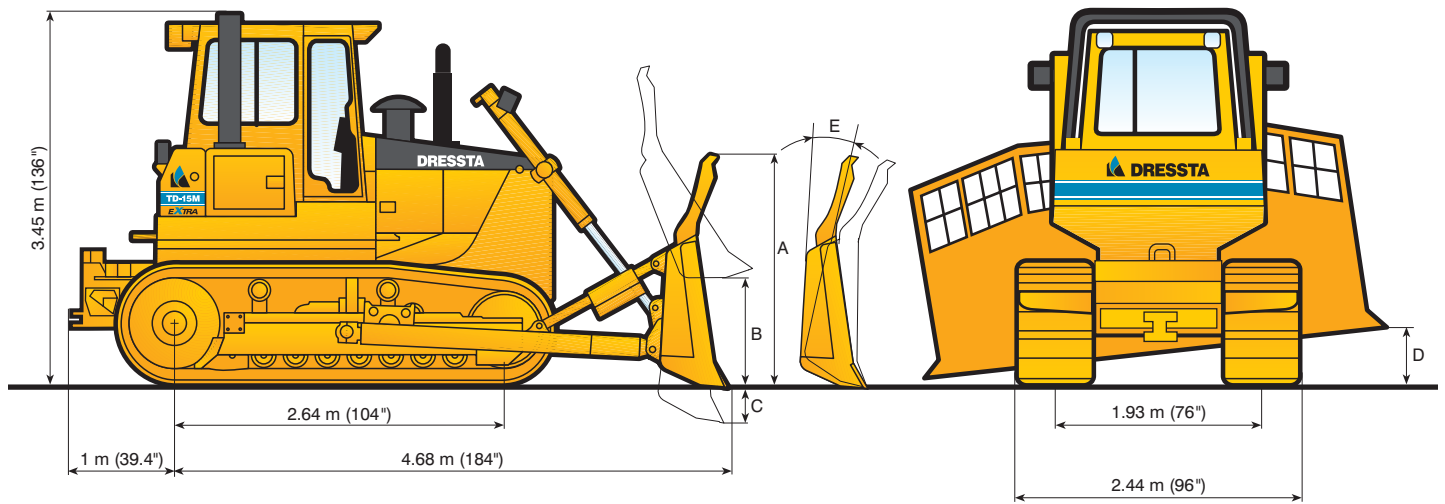
Pump, tandem gear, driven from torque converter.  
 Output @ rated engine rpm ..... 173 l/min. (46 gpm)  
 Relief valve setting ..... 17.2 MPa (2,500 psi)  
 Cylinders, bore and stroke:  
 lift ..... 101.6 x 1233.5 mm (4" x 48.6")  
 tilt ..... 139.7 x 147 mm (5.5" x 5.8")  
 tilt/pitch ..... 139.7/152.4 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  
 and Semi-U dozer ..... 23 480 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 <sup>3</sup> (14.3 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 .....	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 <sup>2</sup> (4,160 in <sup>2</sup> )
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

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### 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, hydraulic released
- Cab with 2 post ROPS, (SAE J1040, J231), sound suppression, air recirculation system, 2 front & 2 rear lights, 4 wipers w/washers, dome light, inside mirror
- Coolant filter conditioner
- Cooling module; includes radiator, transmission oil cooler, charge air cooler; isolation mounted
- Crankcase guard winch, electrical
- Decelerator - right and brake-center, foot operated
- 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 with elbow
- Fan, hydraulically actuated, 3-in-1, in-motion variable pitch system
- Filters, engine oil, full flow and by-pass with replaceable "spin-on" elements
- Filters, power train
- Final drive seal
- Fuel strainer
- Guards, crankcase, hinged, severe service type with front pull hook, fan, sprocket rock deflector and dirt deflector, transmission severe service type
- 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, brake lock
  - 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, 2 front – lift cylinders mounted, 2 rear 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 hinged, perforated type enclosure plate beneath fuel tank retained, quick opening, provides for rear entry of cooling air
- 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"), severe service with clean out holes
- 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

### OPTIONAL ATTACHMENTS

- Air recirculation system with MSHA external filter
- 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 sweeps
- Fan, reversible pitch
- 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, 2 front, ROPS mounted
- Lights, 2 front (for use with sweeps)
- Mirrors, 2 pcs, exterior, cab mounted
- Pilot operated hydraulic controls:
  - 2-spool valve, 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 (max. 3 shanks), includes rear striker bars-ripper frame mounted
- Ripper shank with mtg. pin
- Screen rear (required for winch application)
- Sound suppression package
- Sweeps, forestry, front and rear
- Screening pkg; cab for screens installation must be ordered
  - Screens for cab windows (front, rear, side and doors)
  - Screens for cab lights
- 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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