

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

EXTRA

■ **Net Horsepower**
142 kW (190 hp)

■ **Blade Capacity**
11.42 m³ (14.9 yd³)

■ **Operating Weight**
21 440 kg (47,267 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 in³)
 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

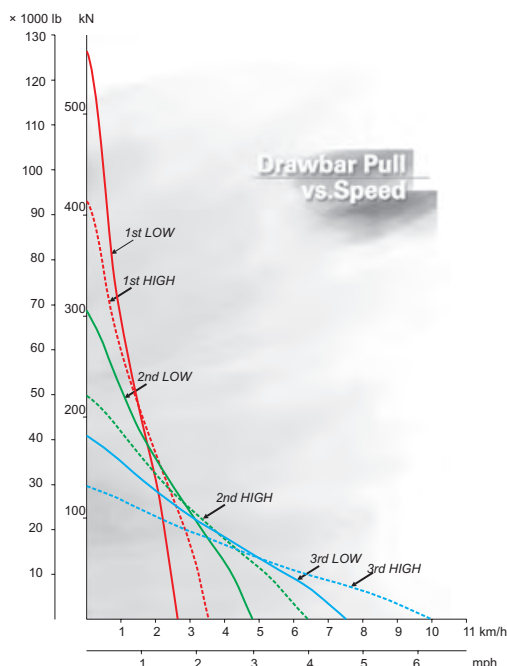
* Meets EU Stage IIIA and EPA Tier 3 emission regulations

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/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

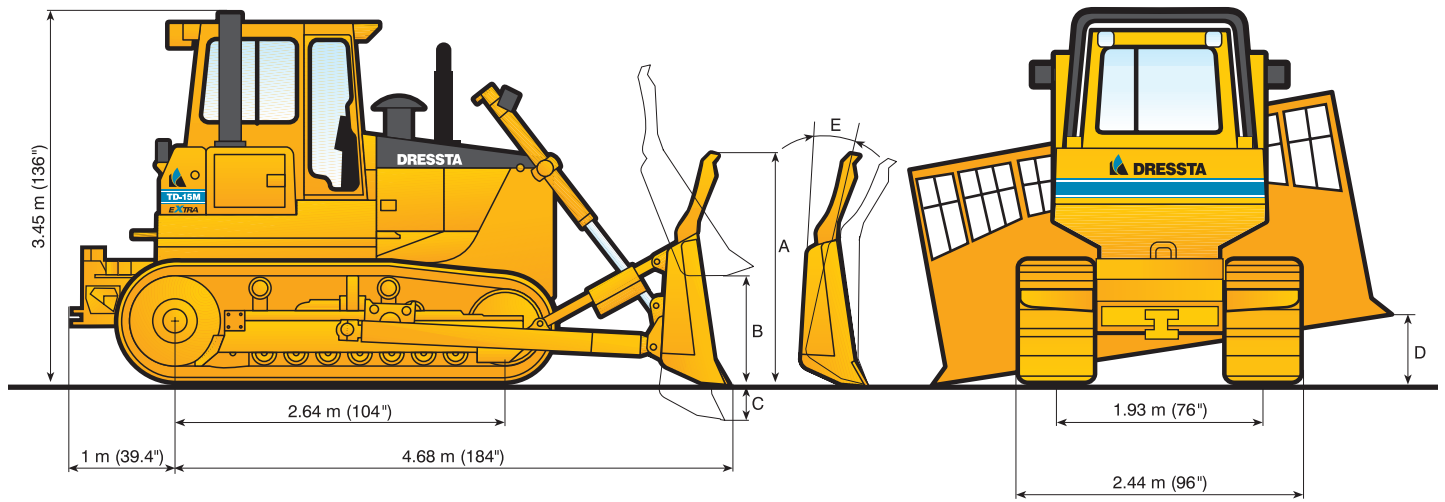
Pump, tandem gear, driven from torque converter.
 Output @ rated engine rpm 173 l/min (46 gpm)
 Relief valve setting 17.2 MPa (2,500 psi)
 Cylinders, bore and stroke:
 lift 101.6 x 1233.5 mm (4" x 48.6")
 tilt 139.7 x 147 mm (5.5" x 5.8")
 tilt/pitch 139.7/152.4 x 147 mm (5.5"/6" x 5.9")

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 21 440 kg (47,267 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 ³ (14.9 yd ³)
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 ² (4,160 in ²)
Ground pressure w/standard equipment86 kPa (12.5 psi)
Height of grouser65 mm (2.52")
Track adjustment	full hydraulic
Ground clearance445 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 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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