



DRESSTA TD-15M LA

LANDFILL CRAWLER DOZER

EXTRA

■ **Net Horsepower**
142 kW (190 hp)

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

■ **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 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

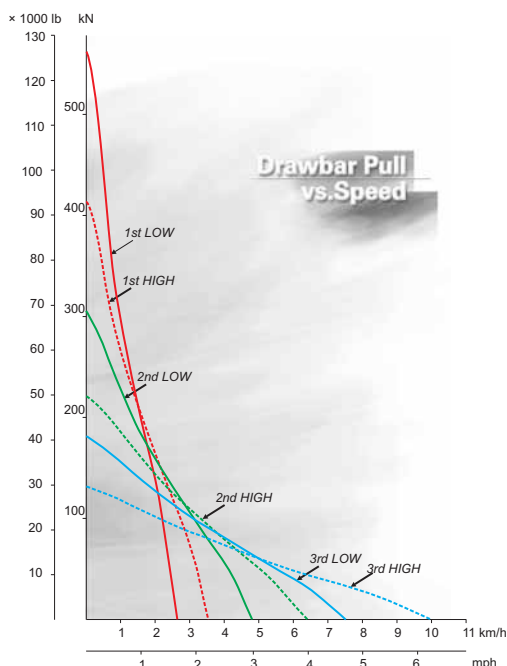
* Meets EU Stage IIIA and EPA Tier 3 emission regulations

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 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

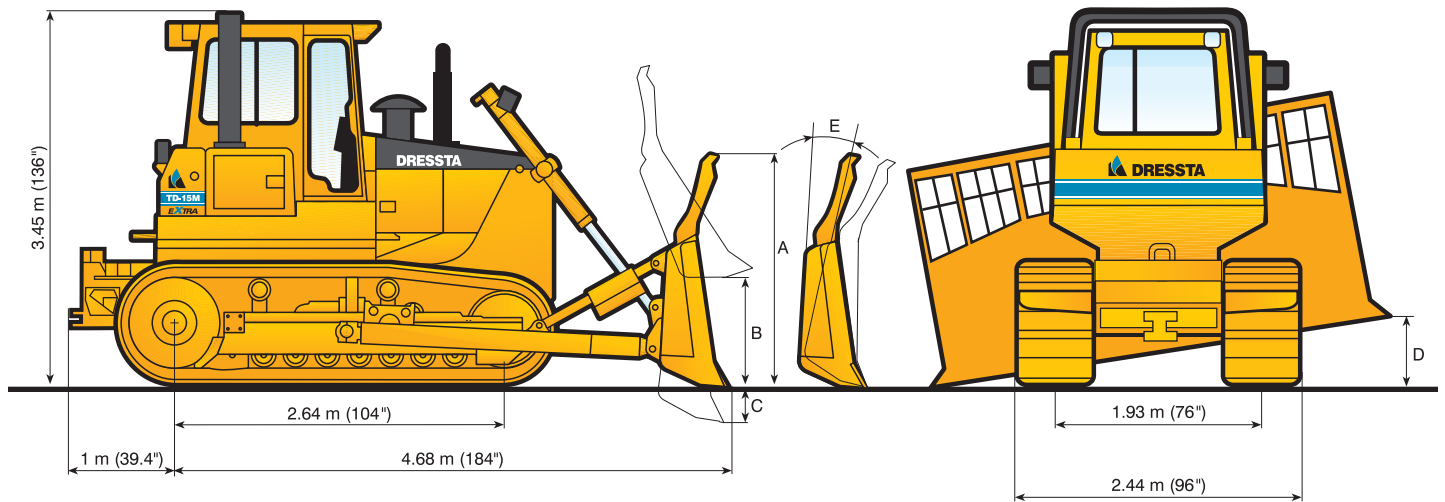
Pump, tandem gear, driven from torque converter.
 Output @ rated engine rpm 173 l/min. (46 gpm)
 Relief valve setting 17.2 MPa (2,500 psi)
 Cylinders, bore and stroke:
 lift 101.6 x 1233.5 mm (4" x 48.6")
 tilt 139.7 x 147 mm (5.5" x 5.8")
 tilt/pitch 139.7/152.4 x 147 mm (5.5"/6" x 5.9")

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
 and Semi-U dozer 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 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 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 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
- 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)
- Striker bars, front
- Striker bars, rear
 - 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 & 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, 11.42 cu.m (14.9 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
 - Additional counterweight, 2 plates (for use with standard rear striker bars)
- 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 (3 rd 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, 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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