

DELTA ▲

DT-953

HIGH PRODUCTION, TRACK MOUNTED MULCHING TRACTOR



ENGINE

Make and Model	Cat® 3306 DITA 350 hp (260 kW)
<i>Optional</i>	Cat® 3196 ATAAC 425 hp (315 kW)
Type of Fuel	No. 2 Diesel
Bore and Stroke	4.75" x 6.0" (opt. 4.9" x 5.5")
Displacement	10.5 liters (opt. 10.3 liters)
Compression Ratio	15 : 1 (opt. 16 : 1)
Fuel Induction	Direct Injection (opt. Electronic Unit Inj.)

DELTA HYDROSTATIC DRIVE SYSTEM

The engine provides torque to the pump through the pump drive gearbox. Four pump drives are directly coupled to the engine. Separate electronically controlled hydrostatic variable displacement pumps and motors offer precise travel control and easy servicing. Hydrostatic drive provides maximum productivity of mulcher deck.

DIMENSIONS

Track Gauge	82.5"
Operating Height	10' 7"
Machine Width	9' 6"
Machine Length (overall)	27' 9" (w/mulcher)
Ground Clearance	14' 8"
Weight	44250 lbs.

CONTROLS

Electronic controls adjust machine speed to take advantage of all available engine power. This maintains full power for the mulcher. It maintains engine RPM in optimum operation range and balances the two track drive systems for straight travel without machine drift. Self-diagnosing for quick troubleshooting.

CAPACITIES

Fuel Tank	64.6 Gal
Crankcase and Filter	5.5 Gal
Final Drive (each)	4.0 Gal
Cooling System	6.0 Gal
Hydraulic Tank (refill)	28.0 Gal

CYLINDER SPECIFICATIONS

Heavy duty lift	Two 4-3/4" Bores with 2" rods
Heavy duty	One 5-1/2" Bore with 3" rods

OSCILLATING UNDERCARRIAGE

Keeps more track on the ground for maximum traction and stability. Reduces frame impact and improves traction over a rigid undercarriage design. Swing link idler permits horizontal idler movement, absorbing shock loads and maintaining proper track tension, while eliminating the need for shims and wear strips.

DELTA MULCHER

Where brush, trees and stumps need to be removed. This Delta Mulcher is up to the Job. Commonly used for right-of-way clearing, commercial site development, wood waste reduction and forestry fire breaks. Equipped with a 365 h.p. engine this machine will process approximately 828 cu. ft. of wood into mulch per hour with the hydraulic system pressure working well below the design limits.

STANDARD EQUIPMENT

- Cab: sound suppressed with air pressurization
And rollover protective structure (ROPS)
- Crankcase guard
- Heater/defroster with temperature control
- Lights: two ROPS mounted, forward facing halogen lamps
- Rearview mirror
- Heavy duty perforated radiator guard
- Sealed and lubricated track with two piece master link
- 32" double bar grouser track shoes
- Sprocket guards
- Windshield and back window washer and wipers
- Quick couplers

PLANETARY FINAL DRIVES

Isolated from machine weight and ground induced shock loads by track roller frame pivot shafts. Externally mounted for easy maintenance and service.



These units are serviced by the **Cat®** dealer network and carry a 12-month powertrain warranty.

Cat® is a registered trademark of Caterpillar Corp.

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