

Chain Dozer

MTD10S
8000 KG

Cummins QSB3.3 doesn't just contradict conventional thinking about compact power – it rewrites the rules. The QSB3.3 delivers up to 99 horsepower (74 kW) in a much smaller and lighter package than any 3.3-Litter engine. Plus, it has the inherent durability you've come to expect from larger Cummins engines. With the QSB3.3, you get premium performance spanning the 80-110 hp (60-82 kW) range from a highly compact, economical engine. It combines the proven reliability of the B3.3 with the performance- enhancing capability of Cummins Quantum System electronic controls and a High Pressure Common Rail fuel system. Features such as auto-derate engine protection, rapid diagnostics, easier cold starts and faster load acceptance bring significant operating benefits . Just as important, the engine retains the fuel efficiency and minimal service requirements of the B3.3, offering the same low operating costs. Not only does the QSB3.3 meet Tier 3/Stage IIIA emissions, it also sets new standards of engine sociability with exceptionally low noise and vibration. Cummins advanced in-cylinder combustion eliminates the need for complicated emissions solutions – and it is robust enough to operate safely on fuel with high sulfur content anywhere in the world.

Hydraulics and Controls – State of the art electro-hydraulic system provides low effort, fine control with fast cycle times. All-in-one joystick helps keep eyes on the work. Operator can adjust machine responsiveness with the push of a button, which allows the operator to set up the machine exactly the way they want it based on the application. High Flow option allows for the use of even the most demanding work tools.

The Torque Converter and Transmission System of MTZ China Dozer, MTD10S has power shift and 4 forward and 4 reverse and Max. Travel Speed is over 40 km/hr. The Axle system gives the maximum power to maintain its movability for the customer's operation. MTZ Chain Dozer MTD10S crates the maximum mobility to perform at its best.

Cab – All around visibility is further enhanced with the availability of a rearview camera. The deluxe cab ensures operator comfort with a heated, air suspension seat and easy to use controls. Available features such as Implement and Hystat Aggressiveness, Ride Control, Lift and Tilt Kickouts, Fork/Bucket Mode and Rimpull Control allow the operator to customize the machine via a soft touch keypad.

Drivetrain MTZ Dozer Smooth shifting and powerful acceleration is matched with modulated hydrostatic braking in the inching/braking pedal, creating a rhythm for material moving. Creeper and electronic engine speed control makes broom and snow blower work easy. Operator tunes between smooth or aggressive shifting with the push of a button.

Serviceability – Extended service intervals and excellent service access make daily checks quick and easy allowing you to get to work sooner.

Efficiently Powerful with its high full turn tipping loads, powerful breakout forces and increased engine power delivers a balanced solution for all customer applications.

Standard Fuel Savings Featuressuch as Eco Mode, On Demand Cooling Fan, and Auto Engine Idle Shutdown make the 920 both powerful and fuel efficient.

Specifications

Engine

Engine Model	CUMMINS QSB3.3	
Maximum Gross Power:		
Maximum Engine Speed	2200 RPM	
Rated Net Power:	74 kW	99 HP
Rated Engine Speed	1400 RPM	
Displacement	3.3 Ltr.	201in^3
Bore	95 mm	3.74 in
Stroke	115 mm	4.53 in

Engine (continued)

Maximum Gross Torque	304 N-m @1400 RPM

Engine type: In-line, 4-cylinder

Aspiration: Turbocharged/ charge air cooled

Oil system capacity 24 U.S./Canada QT, 18.7 liters

High-pressure common-rail fuel system – Allows multiple injection events for cleaner, quieter operation with consistent performance at every rpm. Also improves cold-weather starting.

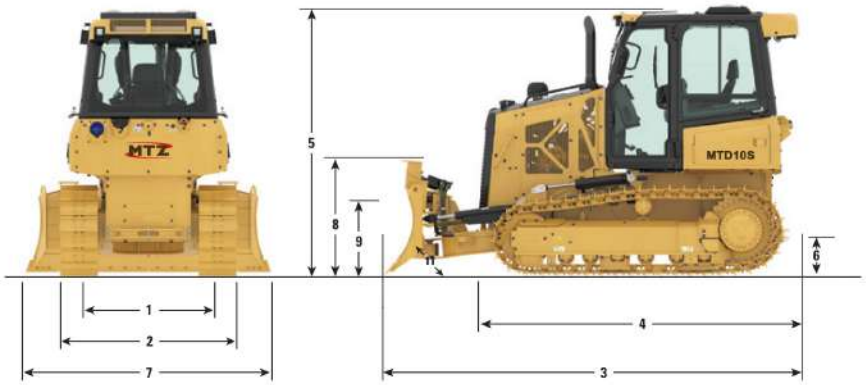
- Engine meets Tier 3 / EURO III Emission Standards.
- Net power advertised is the power available at the flywheel plus front drive implement pump when the engine is equipped with fan,

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MTZ Equipment Ltd.

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Dimensions and Operating Specifications (All dimensions are approximate)



1. Track Gauge 1495 mm
2. Width of Dozer (standard shoes, no blade) 1900 mm
3. Overall Length (with blade) 4300 mm
4. Length of Basic Dozer (without blade) 4000 mm
5. Dozer Height 2800 mm
6. Ground Clearance 352 mm

BLADE (SU Type)

7. Blade Width 2650 mm
8. Blade Height 910 mm
9. Blade Lift Height 730 mm
* Digging Depth 580 mm

* Blade Cutting Edge Angle, Adjustable 52° to 58°
Maximum Tilt 368 mm
Maximum Angle (either side) 25°
Blade Width at Maximum Angle 2417 mm
Blade Capacity 2.4 m3

Steering system

Track Frame: All-welded heavy box section track frame with track frame guides
Grade Ability: 25°

Service Refill Capacities

Fuel Tank	220 Ltr.
Crankcase and Filter	10.5 Ltr.
Final Drives, (each side)	10 Ltr.
Cooling System	20 Ltr.
Transmission/Hydraulic Tank	80 Ltr.

Undercarriage

Undercarriage Number of Rollers (each side) 6	
Number of Shoes (each side) 43	
Number of Carrier Roller (each side) 2	
Shoe Width	406 mm
Ground Pressure	44.5 kPa

Hydraulic Controls

Pump Output	65 L/min
Relief Valve Settings	20600 kPa

Transmission
Drive Pumps 1
Track Motors 2
Relief Valve Settings 48500 kPa
Maximum Travel Speed – Forward 0-15 km/hr.
Maximum Travel Speed – Reverse 0-10 km/hr.

Electrical System
2x12 Volts heavy duty battery

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