



CHETRA T-9 CRAWLER BULLDOZER



ENGINE

QSB6.7-C165, four-stroke, turbocharged and air-to-air aftercooled, liquid-cooled diesel engine manufactured by Cummins company.

- Cylinder bore and piston stroke — 102 mm x 136.4 mm
- Engine displacement — 6.7L
- Flywheel net power — 110 kW (150 h.p.) at 1 900 rpm
- Engine gross power — 121 kW (165 h.p.) at 1 900 rpm
- Max. torque — not lower than 800 Nm at 1 500 rpm

UNDERCARRIAGE

Suspension: A three-point semi-rigid suspension with displaced oscillating axle of bogies provides higher traction characteristics, reduction of impact loads on undercarriage, improvement of working conditions. Track rollers, support rollers and idlers feature a life-time lubrication and self-adjusting “duo-cone” seal packages.

Number of track rollers (each side) — 6. Number of support rollers (each side) — 2.

Track chains: Assembled with single-grouser track shoes and a seal package for retaining a fluid lubricant in the hinge. The track chain tension can be easily adjusted with a grease gun.

Link pitch — 190,5 mm

Number of shoes (each side) — 39

Grouser height — 55 mm

Shoe width — 560 mm.

Base — 2 470 mm

Ground contact area — 2,766 m²

Ground pressure — 0,607 kgf/cm²

TRANSMISSION

A planetary-type gearbox with oil operating, high capacity torque transmitting clutches 345 mm in diameter provides three forward gears and three reverse ones with gear shifting under load. Gear shifting is electrohydraulic. As per design the gearbox is connected with matching reducing gear and main drive forming a single power unit mounted on rear axle bore. Torque converter is connected with the engine through drive line and engine mounted elastic clutch mounted.

Head Office: 3-1136 Centre St, Ste. 124, Thornhill, ON, L4J 3M8, Canada

Warehouse: 2682 Highway 34, Hawkesbury, Ontario, K6A 2R2, Canada

Tel: 1-855-2GO-4MTZ (1-855-246-4689) **Fax:** 1-647-933-9066 **E-mail:** info@mtzequipment.com **Web:** www.mtzequipment.com

Gear	Forward, km/h	Reverse km/h
1	3,8	5,0
2	6,9	9,0
3	11,1	14,4

RIPPER

Ripper type	Number of shanks	Weight, kg	lift above ground, max, mm	Digging depth, max, mm	Breakout force, max, T	Penetration force, max, T
Non-adjustable, multi-shank	3	890	543*	455*	11,6	5,22

BLADE

Blade	Blade length x height, B x H, mm x mm	Blade volume, m ³	Lifting over the ground, mm	Blade deepening, mm	Tilt adjustment, max, mm.	Weight, kg
S (straight)	3 977×1 110	3,7	1 000	500	±347*	2 800

WEIGHT

Total weight (with full fuel tank, SU-blade, three-shank ripper, operator) – 17 440 kg.

Head Office: 3-1136 Centre St, Ste. 124, Thornhill, ON, L4J 3M8, Canada

Warehouse: 2682 Highway 34, Hawkesbury, Ontario, K6A 2R2, Canada

Tel: 1-855-2GO-4MTZ (1-855-246-4689) **Fax:** 1-647-933-9066 **E-mail:** info@mtzequipment.com **Web:** www.mtzequipment.com