T1255III
TRENCHER





TEC® PLUS ELECTRONIC CONTROL SYSTEM. The operating system communicates with multiple control modules located throughout the machine for real-time performance data and advanced troubleshooting capabilities.



DUAL ROTARY POWER HEADSHAFT MOTORS AND A SPLINED HEADSHAFT. Dual rotary power motors provide low speed high torque rock cutting performance, giving you superior penetration and lower chain wear.



ELEVATING ENCLOSED CAB. The elevating cab allows superior visibility and added comfort with the air ride seat. The sealed cab has self-contained heating and air conditioning with sound attenuating foam. It is also a rollover protective module (ROPM) and provides falling object protection (FOPS).

VANTAGE TRACK WARRANTY

VANTAGE TRACK. Relax in the confidence that your investment is protected and your entire closed loop hydrostatic system is covered with either a 3-year/3000-hour or 5-year/5000-hour Extended Care Service program.



TERRAIN LEVELER® ATTACHMENT OPTION. The T1255III has both a chain drive and direct drive Terrain Leveler options for large rock excavation applications including surface mining, overburden removal, site preparation and road demolition.



OPTIONAL FULL FUNCTION REMOTE CONTROL. The T1255III is available with wireless remote control that can provide full operator function remotely.

T1255III TRENCHER

GENERAL DIMENSIONS

Approach angle: 15°

Height: 12.2' (3.7 m)

Length range: 43' – 54.3' (13.1 m – 16.5 m)

Weight range (tractor plus trencher attachment): 180,000 lb – 205,000 lb (81,646.6 kg – 92,986.4 kg)

Width: 11.2' (3.4 m)

ENGINE

Make and model: Caterpillar C18 ACERT

Gross horsepower: 600 hp (447 kW)

Engine rpm: 2100

Fuel consumption @ full load: 31.8 gph (120.4 L/hr)

TRACKS

Ground pressure: 15.5 psi – 21.1 psi (106.9 kPa – 145.5 kPa)

Tilt track with Auto Level available: No

Track length: 15.1' (4.6 m)

Track pad type: Double grouser

Track pad width: 30" (76.2 cm)

Track size: CAT 375 excavator

Travel speed max: 128 fpm (39 m/min)

Service brakes: Hydrostatic

CONVEYOR

Belt width: 36" (91.4 cm)

Max conveyor belt speed: 814 fpm (248.1 m/min)

Conveyor belt style: Finger-type

Conveyor length: 15' or 20' (4.6 m or 6.1 m)

Conveyor shift available: Yes

Conveyor shift distance: 60" or 125" (152.4 cm or 317.5 cm)

Conveyor style: Curved

Discharge direction: Right or left

Discharge height: 74" or 103" (188 cm or 261.6 cm)

CAB

Air conditioner/heater: Yes

Air suspension seat: Yes

AM/FM stereo with weather band: Yes

Elevating: Yes

Pressurized/Filtered air: Yes

Rollover protective module (ROPM): Yes

Level II FOPS: Yes

TRENCHER ATTACHMENT

Boom depth options: 8', 10', 12', 14', 16' or 18' (2.4 m, 3 m, 3.7 m, 4.3 m, 4.9 m or 5.5 m)

Boom top rollers: Yes

Chain speed range: 291 fpm – 635 fpm (88.7 m/min – 193.5 m/min)

Cutting width range: 30" – 48" (76.2 cm – 121.9 cm)

End idler diameter: 50" (127 cm)

CHAIN DRIVE TERRAIN LEVELER ATTACHMENT

Weight (tractor plus attachment): 245,000 lb (111,130.1 kg)

Max cutting depth: 27" (68.6 cm)

Cutting width: 144" (365.8 cm)

Drum tilt available: Yes, +/- 5 degrees

Max drum speed rpm: 51

Laser/GPS acceptable: Yes

Digging chain size: 5501 or D8N DBL

Drive type: Hydrostatic

DIRECT DRIVE TERRAIN LEVELER ATTACHMENT

Weight (tractor plus attachment): 217,500 lb (98,656.3 kg)

Max cutting depth: 21" (53.3 cm)

Cutting width: 144" (365.8 cm)

Drum tilt available: Yes, +/- 5 degrees

Max drum speed rpm: 26

Laser and GPS acceptable: Yes

Drive type: Hydrostatic

OPTIONS

Chain drive Terrain Leveler attachment

Direct drive Terrain Leveler attachment

Water spray system

Light kit

Remote control

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