

# 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.** 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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