

T1155III TRENCHER



SMARTTEC ELECTRONIC CONTROL SYSTEM. SmartTEC performance monitoring assists operators with adjustments to machine controls to help improve efficiency and tracks the operational performance of the machine on a consistent platform across all machine models.



ROTARY POWER TRENCHER DRIVE MOTOR. A rotary power trencher drive motor and splined headshaft produce a lower speed and higher torque which provide superior ground penetration and low chain wear for better production results.



ELEVATING ROPM CAB. The elevating rollover protective module cab features Lexan® glass, filtered and pressurized air, heating and air-conditioning. The cab's vantage point allows a virtually unrestricted view of the boom, trench and conveyor.



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



TERRAIN LEVELER® SURFACE EXCAVATION MACHINE (SEM) ATTACHMENT. The T1155III has a chain drive Terrain Leveler SEM attachment option for large rock excavation applications including surface mining, overburden removal, site preparation and road demolition.



SECTIONALIZED BRIDGE OPTIONS. Complimentary to the sectionalized booms, the sectionalized bridge can be adjusted to accommodate a variety of digging depths.

T1155III TRENCHER

GENERAL DIMENSIONS

Approach angle: 16°

Height: 12.2' (3.7 m)

Length range: 37.3' – 45.3' (11.4 m – 13.8 m)

Weight range (tractor plus trencher attachment): 148,000 lb – 170,000 lb (67,131.7 kg – 77,110.7 kg)

Width range: 9.8' – 10' (3 m – 3 m)

ENGINE

Make and model: Caterpillar C15 ACERT

Gross horsepower: 540 hp (403 kW)

Engine rpm: 2100

Fuel consumption @ full load: 28.9 gph (109.4 L/hr)

TRACKS

Ground pressure: 13 psi – 17.3 psi (89.6 kPa – 119.3 kPa)

Tilt track with Auto Level available: No

Track length: 14.8' (4.5 m)

Track pad type: Single, double or triple grouser

Track pad width: 26", 28" or 30" (66 cm, 71.1 cm or 76.2 cm)

Track size: CAT 350 excavator

Travel speed max: 145 fpm (44.2 m/min)

Service brakes: Hydrostatic

CONVEYOR

Belt width: 30" (76.2 cm)

Max conveyor belt speed: 1070 fpm (326.1 m/min)

Conveyor belt style: Cleated or finger-type

Conveyor length: 14' or 19' (4.3 m or 5.8 m)

Conveyor shift available: Yes

Conveyor shift distance: 65" or 125" (165.1 cm or 317.5 cm)

Conveyor style: Curved

Discharge direction: Right or left

Discharge height: 72" or 86" (182.9 cm or 218.4 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' or 16' (2.4 m, 3 m, 3.7 m, 4.3 m or 4.9 m)

Boom top rollers: Yes

Chain speed range: 306 fpm – 492 fpm (93.3 m/min – 150 m/min)

Cutting width range: 28" – 42" (71.1 cm – 106.7 cm)

End idler diameter: 50" (127 cm)

CHAIN DRIVE TERRAIN LEVELER ATTACHMENT

Weight (tractor plus attachment): 200,000 lb (90,718.5 kg)

Max cutting depth: 25" (63.5 cm)

Cutting width: 132" (335.3 cm)

Drum tilt available: Yes, +/- 5 degrees

Max drum speed rpm: 36

Laser and GPS acceptable: Yes

Digging chain size: 5501

OPTIONS

Terrain Leveler SEM attachment

Remote control