

# 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