

# T855III 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.



**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 a 3-year/3000-hour or 5-year/5000-hour Extended Care Service program.



**HYDROSTATIC ROCKWHEEL ATTACHMENT.**  
Powered by dual hydrostatic motors, the rockwheel attachment has the ability to cut a trench up to 54" (137.2 cm) in depth and width options of 6", 8", 10", 12" and 14" (15 cm, 20 cm, 31 cm and 36 cm).



**TERRAIN LEVELER® SURFACE EXCAVATION MACHINE ATTACHMENT.**  
The T855III has a chain drive Terrain Leveler option for large rock excavation applications including surface mining, overburden removal, site preparation and road demolition.



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# T855III TRENCHER

## GENERAL DIMENSIONS

Approach angle: 20°

Height: 10.9' (3.3 m)

Length range: 33.3' – 40.3' (10.1 m – 12.3 m)

Weight range (tractor plus trencher attachment): 82,000 lb – 94,000 lb (37,194.6 kg – 42,637.7 kg)

Width range: 8.4' – 8.7' (2.6 m – 2.7 m)

## ENGINE [TIER 3 AND TIER 4I (STAGE IIIB) AVAILABLE]

Make and model: Caterpillar C9 ACERT

Gross horsepower: 350 hp (261 kW)

Engine rpm: 2200

Fuel consumption @ full load: 18.3 gph (69.3 L/hr)

## TRACKS

Ground pressure: 11 psi – 16.4 psi (75.8 kPa – 113 kPa)

Tilt track with Auto Level available: Yes, max angle 12.5°

Track length: 12.3' (3.7 m)

Track pad type: Single, double or triple grouser

Track pad width: 20" or 24" (50.8 cm or 61 cm)

Track size: D6

Travel speed max: 199 fpm (60.7 m/min)

Service brakes: Hydrostatic

## CONVEYOR

Belt width: 30" (76.2 cm)

Max conveyor belt speed: 917 fpm (279.5 m/min)

Conveyor belt style: Cleated or finger-type

Conveyor length: 8' or 13' (2.4 m or 4 m)

Conveyor shift available: Yes

Conveyor shift distance: 10" or 62" (25.4 cm or 157.4 cm)

Conveyor style: Curved

Discharge direction: Right or left

Discharge height: 57" or 72.5" (144.8 cm or 184.2 cm)

## CAB

Air conditioner/heater: Yes

Air suspension seat: No

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: 6', 8', 10' or 12' (1.8 m, 2.4 m, 3 m or 3.7m)

Boom top rollers: Yes

Chain speed range: 340 fpm – 656 fpm (340 m/min – 200 m/min)

Cutting width range: 18" – 36" (45.7 cm – 91.4 cm)

End idler diameter: 40" (101.6 cm)

## ROCKWHEEL ATTACHMENT

Weight (tractor plus attachment): 102,000 lb (46266.4 kg)

Max cutting depth: 54" (137.2 cm)

Cutting width: 6", 8", 10", 12" or 14" (15.2 cm, 20.3 cm, 25.4 cm, 30.5 cm or 35.6 cm)

Cutter tip speed: 838 ft/min (255.4 m/min)

End idler diameter: 40" (101.6 cm)

## CHAIN DRIVE TERRAIN LEVELER ATTACHMENT

Weight (tractor plus attachment): 100,500 lb (45,586 kg)

Max cutting depth: 32" (81.3 cm)

Cutting width: 102" (259.1 cm)

Drum tilt available: Only if equipped with tilt tracks

Max drum speed rpm: 60

Laser and GPS acceptable: Yes

Digging chain size: 4501

## OPTIONS

Loadout conveyor

Rockwheel attachment

Chain drive Terrain Leveler attachment

Remote control