

Vermeer®

Hydrostatic Tractor

T955



COMMANDER

COMMANDER®

T955

Heavy Metal Rock Star

Ready for some of the most difficult rock trenching conditions around, Vermeer® offers the T955 COMMANDER® 3. Equipped with a Caterpillar C13 ACERT Tier 3 turbocharged diesel engine, the T955 boasts 415 hp (309.5 kW). Due to the high torque rise engine, when you encounter tough digging conditions, the engine speed drops, increasing the torque for more power to pull through.

With a rugged D6 track chain and a sectionalized boom allowing customized trench depths, the T955 also brings strength and versatility to your jobsite. Plus, a fully hydrostatic, Rotary Power headshaft motor is designed to produce lower speeds and higher torque for superior rock penetration and reduced wear.

The optional remote attachment control helps the operator prepare for maintenance from a single location. This control can start and stop the engine, raise and lower the boom, and rotate the chain, decreasing overall maintenance time and speeding up the tooth changeout process.

For maximum versatility, the T955 COMMANDER 3 tractor unit is also available with the Terrain Leveler® surface excavation machine (SEM) for site prep, surface mining and soil remediation applications.

Step Up to Big League Trenching



Hydrostatic Tractor



The industry's first ROM (Roll Over Module) elevating cab features Lexan® glass, filtered and pressurized air, heating and air-conditioning, and allows a virtually unrestricted view of the boom, trench and conveyor. It also offers a split-cab feature for transport.



The extra-wide 30" (76.2 cm) conveyor opening offers high-volume spoil removal and reduces jamming, which eases wear and tear on the conveyor belt, pump and motors.



The new TEC® Plus electronic control system features CAN bus technology, which utilizes multiple control modules located throughout the machine for real-time performance data and advanced troubleshooting capabilities.

T955 COMMANDER 3 Specifications

Transport Dimensions

Approach angle: 16°
Height: 11.1' (3.4 m)
Length with 40" (101.6 cm) end idler and 6' (1.8 m) boom: 32' (9.8 m)
Length with 40" (101.6 cm) end idler and 8' (2.4 m) boom: 35' (10.7 m)
Length with 40" (101.6 cm) end idler and 10' (3 m) boom: 37' (11.3 m)
Length with 40" (101.6 cm) end idler and 12' (3.7 m) boom: 40' (12.2 m)
Weight range: 78,000 lb – 109,000 lb (35,380.2 kg – 49,441.6 kg)
Width: 114" (289.6 cm)

Engine

Make and model: Caterpillar C13 ACERT Tier 3
Gross horsepower: 415 hp (309.5 kW)
Rated engine rpm: 2100
Number of cylinders: 6
Fuel tank capacity: 184 gal (696.5 L)
Operating range: 8.8 hr
Fuel consumption @ full load: 20.9 gph (79 L/h)
Max engine operating angle: 45°
Air cleaner: Dry-type exhaust-aspirated
Aspiration: Turbocharged and air-to-air aftercooled (ATAAC)
Cooling medium: Liquid
Electrical system: 24 V DC
Oil filter: Full-flow

Tracks

Auto self-level: No
Ground pressure: 11.7 – 13.3 psi (80.7 – 91.7 kPa)
Tilt track available: No
Track drive type: Dual-path hydrostatic with planetary transmission
Track length: 13.4' (4.1 m)
Track pad type: Single, double or triple grouser
Track pad width range: 24" (61 cm)
Track size: D6
Travel speed max (high range): 136 fpm (41.5 m/min)
Travel speed max (low range): 68 fpm (20.7 m/min)
Parking and emergency brake: Spring-applied, hydraulic release, wet disc brake
Service brakes: Hydrostatic

Cab

Air conditioner / heater: Standard
Air suspension seat: No
AM / FM stereo with weather band: Yes
Elevating: Yes
Pressurized / Filtered air: Yes
Roll Over Module (ROM): Yes
Control system: TEC Plus

Conveyor

Belt width: 30" (76.2 cm)
Conveyor belt speed range: 0 – 1070 fpm (0 – 326.1 m/min)
Conveyor belt style: Cleat or finger type, sidewalls, center guide rib
Conveyor length: 108" or 168" (274.3 cm or 426.7 cm)
Conveyor shift available: Yes
Conveyor shift distance: 5" or 65" (12.7 cm or 165.1 cm)
Conveyor style: Curved
Discharge direction: Right or left
Discharge height: 62" – 76" (157.5 cm – 193 cm)

Hydraulic System

Oil tank capacity: 152 gal (575.4 L)
Oil type: Vermeer HyPower 68 or HyPower 100
Pressure setting: 2500 psi (17,236.9 kPa)
Pump flow max: 28 gpm (106 L/min)
Type: Pressure- and flow-compensated (load-sensing)

Trencher Attachment

Boom depth options: 6', 8', 10', 12' (1.8 m, 2.4 m, 3 m, 3.7 m)
Sectionalized boom: Yes
Boom top rollers: Optional
Chain speed range: 316 – 643 fpm (96.3 – 196 m/min)
Cutting width range: 18" – 42" (45.7 cm – 106.7 cm)
Digging chain size: 4502 single chain and 4501 double chain
Idler diameter: 40" (101.6 cm)
Offset range – left of center: N/A
Offset range – right of center: N/A
Trencher drive type: 2 pumps and 1 motor hydrostatic

Terrain Leveler Surface Excavation Machine (SEM)

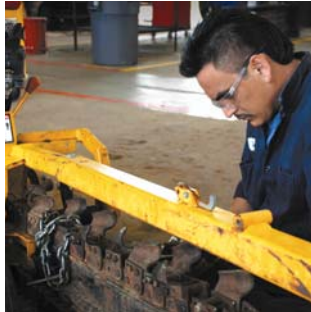
Weight: 40,000 lb (18,143.7 kg)
Max cutting depth: 32" (81.3 cm)
Cutting width: 11' (3.4 m)
Drum speed: 29-59 rpm
Laser acceptable: Yes
Digging chain size: Double chain
Drive type: 2 pumps and 1 motor hydrostatic



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Vermeer parts are designed and manufactured to original specifications, so whether they're new parts or replacement parts, they'll live up to the Vermeer name.



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