

Vermeer®

Hydrostatic Trencher

T955



COMMANDER®

COMMANDER

T955

Feel the Power

Packed inside the Vermeer® T955 COMMANDER® 3 is a Caterpillar C-13 ACERT Tier 3 engine with 415 turbocharged horses (310 kW). Along with meeting all Tier 3 emission requirements, the T955 provides a high torque rise engine. This allows the engine rpm to recover rapidly in high-power-demand situations, pulling through the tough jobs.

Built Tough to Go the Distance

Get used to the T955. After all, you'll have it for quite a while. A few reasons: D6 track chain — the heaviest in its class. Floating, high-alloy, easy-access bottom boom wear strips, and boom top rollers offer increased digging chain life.

For maximum versatility of the tractor unit, the T955 is also available with the Terrain Leveler™ Surface Excavation attachment for surface mining, site preparation, and soil remediation applications.

Step Up to Big League Trenching



Hydrostatic Trencher



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.



TEC 2000.2® monitors operating conditions, measures full-range ground speed and headshaft speed, and informs the operator of real-time machine performance for increased productivity and reduced wear to the machine.

T955 COMMANDER 3 Specifications

Transport Dimensions

Approach angle: 20°
Height: 133" (337.8 cm)
Length: 266" (675 cm) w/ no boom;
392" (995 cm) w/ 6' (1.8 m) boom;
473" (1201 cm) w/ 12' (3.6 m) boom
Weight range: 96,000 lb – 119,000 lb
(43,544.9 kg – 53,977 kg)
Width: 110" (279 cm)

Engine

Make and model: Caterpillar C13
ACERT Tier 3
Gross horsepower: 415 hp (310 kW)
Rated engine rpm: 2100
Number of cylinders: 6
Fuel tank capacity: 184 gal (696 L)
Operating range: 8.6 hr
Fuel consumption @ full load:
20.5 gph (77.6 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 – 12.8 psi
(81 – 89 kPa)
Tilt track available: No
Tilt track max angle: N/A
Track drive type: Dual-path hydrostatic
w/ planetary transmission
Track length: 161" (409 cm)
Track pad type: Single, double, or
triple grouser
Track pad width range: 24" (61 cm)
Track size: D6
Travel speed max (high range): 133 fpm
(40.5 m/min)
Travel speed max (low range): 66 fpm
(20.1 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 w/ weather band:
Optional w/ cab only
Elevating: Yes
Pressurized / filtered air: Yes
Roll Over Module (ROM): Yes

Conveyor

Belt width: 30" (76.2 cm)
Conveyor belt speed range: 0 – 1066 fpm
(0 – 325 m/min)
Conveyor belt style: Cleat or finger type,
sidewalls, center guide rib
Conveyor length: 108" or 168"
(274 cm or 426 cm)
Conveyor shift available: Yes
Conveyor shift distance: 65" (165 cm)
Conveyor style: Curved
Discharge direction: Right or left
Discharge height: 78" (198 cm)

Hydraulic System

Oil tank capacity: 152 gal (575 L)
Oil type: Vermeer HyPower
Pressure setting: 2500 psi (172 bar)
Pump flow max: 26 gpm (98 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: Optional
Boom top rollers: Optional
Chain speed range: 300 – 689 fpm
(91 – 210 m/min)
Cutting width range: 16" – 42"
(40.6 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 Attachment

Weight: 40,000 lb (18,144 kg)
Max cutting depth: 32" (81.3 cm)
Cutting width: 132" (335.3 cm)
Drum speed: 300 – 609 fpm
(91 – 186 m/min)
Laser acceptable: Yes
Digging chain size: Double 4501
Drive type: 2 pumps and
1 motor hydrostatic



Your Complete Global Service Provider for Quality Parts and Service



Get the parts and service edge. In addition to providing quality equipment, Vermeer delivers top-quality parts and superior services. Vermeer parts are manufactured to exacting specifications to help keep your Vermeer equipment running trouble-free and at OEM specifications.



Vermeer offers factory-certified training programs to its dealer network to ensure that the most current service procedures are presented to the service personnel of your Vermeer dealer.



Standard Warranty / Vantage Track / Vantage Track II. Vermeer has confidence in its track trenchers. That's why Vermeer offers a 1-year / 1,000-hour standard limited warranty on the T955.

Vantage Track offers a 3-year / 3,000-hour Extended-Care Service Program for the components of the closed-loop hydrostatic systems.

Vantage Track II offers a 5-year / 5,000-hour Extended-Care Service Program for the components of the closed-loop hydrostatic systems.



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