

Vermeer®

Hydrostatic Trencher

T558



COMMANDER

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T558

Advanced Cutting Technology

Known for power and cutting technology on jobsites around the world, Vermeer offers the T558 COMMANDER® 3 fully hydrostatic sliding offset trencher.

As the only offset trencher in its class capable of trenching outside the width of the left track, the T558 cutting capacity gives the operator additional access along jobsite obstacles such as roads, curbs, buildings, and walls.

Compact Size, Big Performance

A 185 hp (138 kW) John Deere Tier 3 engine provides power for rock-solid results in cross-country drainage and utility pipe installations, as well as foundation and roadway projects.

With features like the stowable loading conveyor, a sectionalized boom, and Auto-tilt Track, the T558 offset trencher delivers the muscle and versatility to tackle the toughest trenching jobs.

Break New Ground with Offset Trencher



Hydrostatic Trencher



Exclusive sliding offset cutting performance. The T558 is the only sliding offset trencher in its class that can dig outside the width of the left track – up to 9" (22 cm) with a 24" (61 cm) chain setup.



Decrease transport preparation time. An optional stowable loading conveyor stores easily, and unlike competitors does not require removal for transport. The conveyor's width stays within 100" (254 cm) in either trench or transport mode, meeting both North American and European Economic Community (EEC) transportation requirements.



Enhance productivity with TEC 2000®. A Vermeer exclusive, TEC 2000 is a microprocessor-based electronic control system that monitors operating conditions, and informs the operator of real-time machine performance for increased productivity and reduced wear to the machine. An electric stroke limiter increases engine control and reduces operator error.

T558 COMMANDER 3 Specifications

Transport Dimensions

Approach angle: 35°
Height: 124" (315 cm)
Length: 489" (1242 cm)
Weight range: 43,000 lb – 52,000 lb
(19,504 kg – 23,587 kg)
Width: 100.3" (254.8 cm)

Engine

Make and model: John Deere 6068
HF285 PowerTech E 6.8 L Tier 3
Gross horsepower: 185 hp (138 kW)
Rated engine rpm: 2400
Number of cylinders: 6
Fuel tank capacity: 100 gal (378.5 L)
Operating range: 10.2 hr
Fuel consumption @ full load:
9.7 gph (36.7 L/h)
Max engine operating angle: 25°
Air cleaner: Dry-type
Aspiration: Turbocharged and air-to-air
aftercooled (ATAAC)
Cooling medium: Liquid
Electrical system: 12 V DC
Oil filter: Full-flow

Tracks

Auto self-level: Yes
Ground pressure: 8.6 – 10.4 psi
(59 – 72 kPa)
Tilt track available: Yes
Tilt track max angle: 10.7°
Track drive type: Dual-path hydrostatic
w/ planetary transmission
Track length: 119" (302.3 cm)
Track pad type: Single, double, triple,
or poly grouser
Track pad width: 20" or 24"
(50.8 cm or 61 cm)
Travel speed max (high range):
189 fpm (57.6 m/min)
Travel speed max (low range):
92 fpm (28 m/min)
Parking and emergency brake:
Spring-applied, hydraulic release,
wet disc brake
Service brakes: Hydrostatic

Conveyor

Belt width: 24" (61 cm)
Conveyor belt speed range:
0 – 988 fpm (0 – 301 m/min)
Conveyor belt: Cleated, flat
Conveyor length: 72" or 96"
(182.9 cm or 244 cm)

Loading Conveyor Option

Belt width: 24" (61 cm)
Belt speed: 1324 fpm (403 m/min)
Conveyor length: 298" (757 cm)
Conveyor discharge: Front
Max discharge height: 133" (338 cm)

Cab

Air conditioner / heater: Yes
Air suspension seat: No
AM / FM stereo w/ weather band: Optional
Pressurized / filtered air: Yes
Roll Over Module (ROM): Yes

Hydraulic System

Oil tank capacity: 80 gal (302.8 L)
Oil type: Vermeer HyPower 68 or
Vermeer HyPower 100
Pressure setting: 2500 psi (172.4 bar)
Pump flow max: 27 gpm (102.2 L/m)
Type: Pressure and flow compensated
(load sensing)

Trencher Attachment

Boom depth options: 2', 4', 5', 6'
(.61 m, 1.2 m, 1.5 m, 1.8 m)
Boom top rollers: Optional
Chain speed range: 406 – 692 fpm
(123.7 – 210.3 m/min)
Cutting width range: 6" – 24"
(15.2 cm – 61 cm)
Idler diameter: 20", 30" (50.8 cm, 76.2 cm)
Offset range — left of center: 39.5"
(100.3 cm)
Offset range — right of center: 25.5"
(64.8 cm)
Trencher drive type: Hydrostatic, 1 pump
and 1 motor



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 T558.

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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