

**HYDROSTATIC  
TRENCHER**

**Vermeer**<sup>®</sup>



**T955**



**COMMANDER**<sup>®</sup>

**COMMANDER®**

# T955

**HYDROSTATIC  
TRENCHER**

## **Feel the Power.**

Packed inside every T955 is a Caterpillar C-12 engine with 400 turbocharged horses (298 kw).

Along with meeting all emission standards, it has increased torque rise. This allows the engine RPM to recover more rapidly in high power demand situations, pulling you through the tough stretches.

## **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 for increased digging chain life. The T955 also features a sectionalized boom that eliminates the time and sweat you would normally spend changing booms.

## **Step Up to Big League Trenching.**



### **Extra-Wide Conveyor Opening**

*A standard feature on the T955, the 30" (76 cm) wide conveyor opening spits out large rocks with ease for high-volume spoil removal. By reducing jamming, the big-throated conveyor opening manages to save on wear and tear on the conveyor belt, pump and motors.*



### **Premium Elevating Cab**

*You can actually see the boom from the industry's first ROM (Rollover Module) cab. Only Vermeer positions the operator between the conveyor and the boom and includes features like a swiveling seat, LEXAN windows, filtered and pressurized air, heating and air conditioning.*

*Step inside the T955's elevated cab for more accurate trenching. With an abundance of protective tinted windows and a swiveling seat, the operator enjoys a virtually unrestricted view of the boom and trench.*





### **TEC 2000.2® Trencher Electronic Control System**

*This Vermeer exclusive monitors operating conditions, informs the operator of real-time machine performance for increased productivity and reduced wear and tear, and measures full-range ground speed and headshaft speed. An electric stroke limiter increases engine control, and Auto Plunge eliminates operator error from the most abusive aspect of trenching.*

## **T955 Primary Specifications**

### **General**

Approximate weight w/ 10' (3.0 m) boom,  
30" (76 cm) cut: 95,700 lb (43,410 kg)  
Transport height: 135" (343 cm)  
Transport width: 110" (279 cm)  
Length with 10' (3.0 m) boom:  
473" (1201 cm)  
Ground clearance: 12" (30 cm)  
Angle of approach: 15°  
Ground-bearing pressure:  
24" (61 cm) pads — 12.33 lb/in<sup>2</sup>  
(5.59 kg/cm<sup>2</sup>)

### **Hydraulic System**

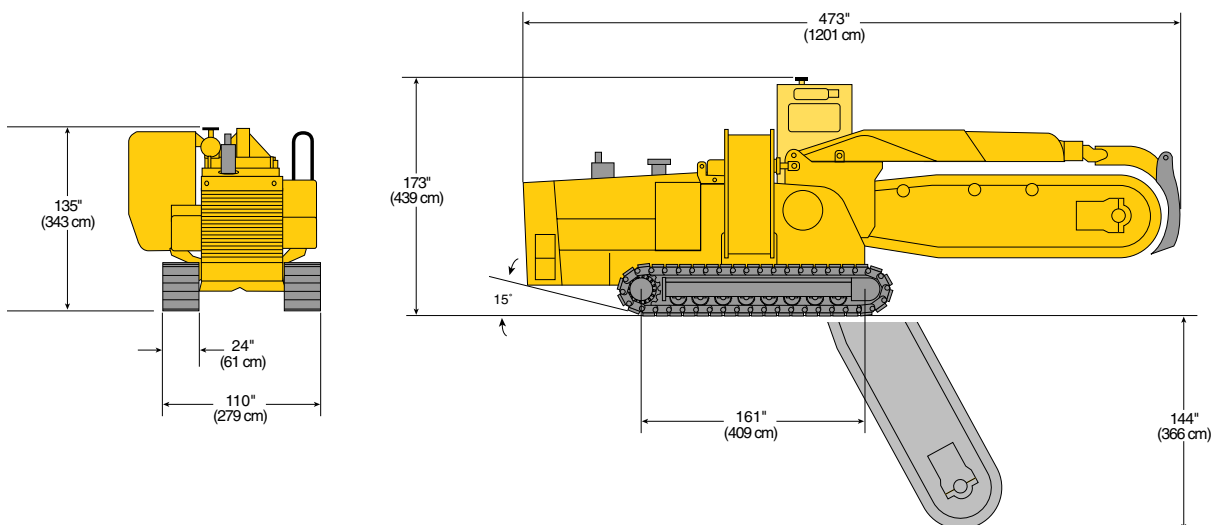
Type: Pressure and flow-compensated  
(load-sensing)  
Pump-flow max.: 26 gal/min  
(98 L/min)  
Pressure setting: 2500 psi (172 bar)  
Oil-tank capacity: 152 gal (575 L)  
Oil type: Vermeer HyPower 68  
Vermeer HyPower 100 (optional)

### **Options**

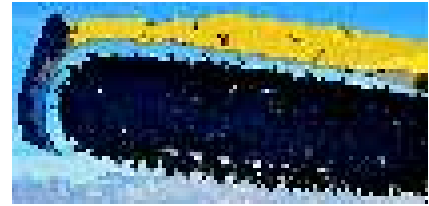
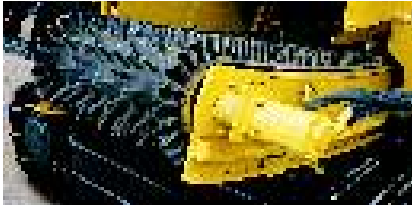
Vantage Track 3- or 5-Year/3000-  
or 5000-Hour Extended-Care  
Service Program

### **Engine**

Model: CAT C-12  
Aspiration: ATAAC  
Number of cylinders: 6  
Max. no-load RPM: 2300  
Gross horsepower: 400 (298 kw)  
@ 2100 RPM  
Cooling medium: Liquid  
Air cleaner: Dry-type, aspirated  
Oil filter: Full-flow  
Electrical system: 24-volt  
Fuel-tank capacity: 184 gal (697 L)  
Fuel consumption @ full load: 19.1 gal/hr  
(72.3 L/h)  
Operating range: 9.5 hr



# T955 COMMANDER® Specifications



## Conveyor

*Closed-loop hydrostatic transmission driving two motors*  
 Belt speed: 0 fpm – 1050 fpm (0 m/min – 320 m/min)  
 Conveyor belt width: 30" (76 cm)  
 Conveyor length: 9'14" (2.7 m/4.3 m)  
 Discharge height: 78" (198 cm)  
 Shift travel: 65" (165 cm)  
 Belt: Cleat- or finger-type with convoluted side walls, center guide rib, 2-ply  
 Drive pulleys: Wing-type, self-cleaning

## Controls

TEC 2000.2  
 LCD digital display  
 Straight tracking  
 Load control  
 Expanded self-diagnostics  
 Operator presence  
 Neutral-start indicators  
 Auto Plunge  
 Headshaft speed  
 Ground-speed tracking  
 Electric-stroke limiter

## Tracks

Dual-path hydrostatic drive w/ planetary transmission capable of full counter-rotation  
 Infinitely variable speed:  
 Transport — 0 mph – 1.6 mph (0 km/hr – 2.6 km/hr);  
 digging — 0 mph – 67 fpm (0 m/min – 20.4 m/min.)  
 Max. tractive effort: 95,000 lb (43,092 kg)  
 Service brakes: Hydrostatic  
 Parking and secondary brakes:  
 Spring-applied, hydraulic-release wet-disc brakes  
 Length, centerline to centerline:  
 161" (409 cm)  
 Track-pad type:  
 Standard — 24" (61 cm) double grouser;  
 optional — 24" (61 cm) single grouser;  
 24" (61 cm) triple grouser  
 Track-pad quantity: 52  
 Overall width: 110" (279 cm)  
 Track-chain type: D6  
 Track-chain pitch: 7.984" (20.3 cm)  
 Track-chain tensioning: Compressed coil spring w/ grease cylinder  
 Track-roller quantity: 10 per track  
 Track rollers: Sealed and lubricated

## Trencher

Boom travel: Up — 7°; down — 60°  
 Digging-chain tensile strength:  
 4501 — 620,000 lb (281,232 kg);  
 4502 — 620,000 lb (281,232 kg)  
 Cutters: Rotary, carbide-tipped  
 End-idler diameter: 40" (102 cm)  
 Boom bottom wear strips: Floating, replaceable  
 Digging-chain drive sprocket: Split-type, hardened, bolt-on  
 Boom top rollers: Optional  
 Digging-chain speed:  
 Low (option 1) — 0 fpm – 500 fpm (0 m/min – 152.4 m/min);  
 high (option 2) — 0 fpm – 600 fpm (0 m/min – 182.8 m/min)  
 Practical cutting-speed range:  
 Low (option 1) — 350 fpm – 500 fpm (106.7 m/min – 152.4 m/min);  
 high (option 2) — 420 fpm – 600 fpm (128.0 m/min – 182.9 m/min)  
 Headshaft bearings: Oil-filled w/ Duo-Cone face seals  
 Pull-ring assembly: Integral to main frame  
 Boom options:  
 6' x 42" (1.8 m x 107 cm) 4501 chain  
 8' x 42" (2.4 m x 107 cm) 4501 chain  
 10' x 30" (3.0 m x 76 cm) 4501 chain  
 12' x 26" (3.7 m x 66 cm) 4501 chain  
 6' x 24" (1.8 m x 61 cm) 4502 chain  
 8' x 24" (2.4 m x 61 cm) 4502 chain  
 10' x 24" (3.0 m x 61 cm) 4502 chain  
 12' x 24" (3.7 m x 61 cm) 4502 chain



## VANTAGE TRACK

*Protect your trencher with our optional 3-Year/3000-Hour or 5-Year/5000-Hour Vantage Track Extended-Care Service Program — a Vermeer exclusive! Ask your dealer about it.*

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