

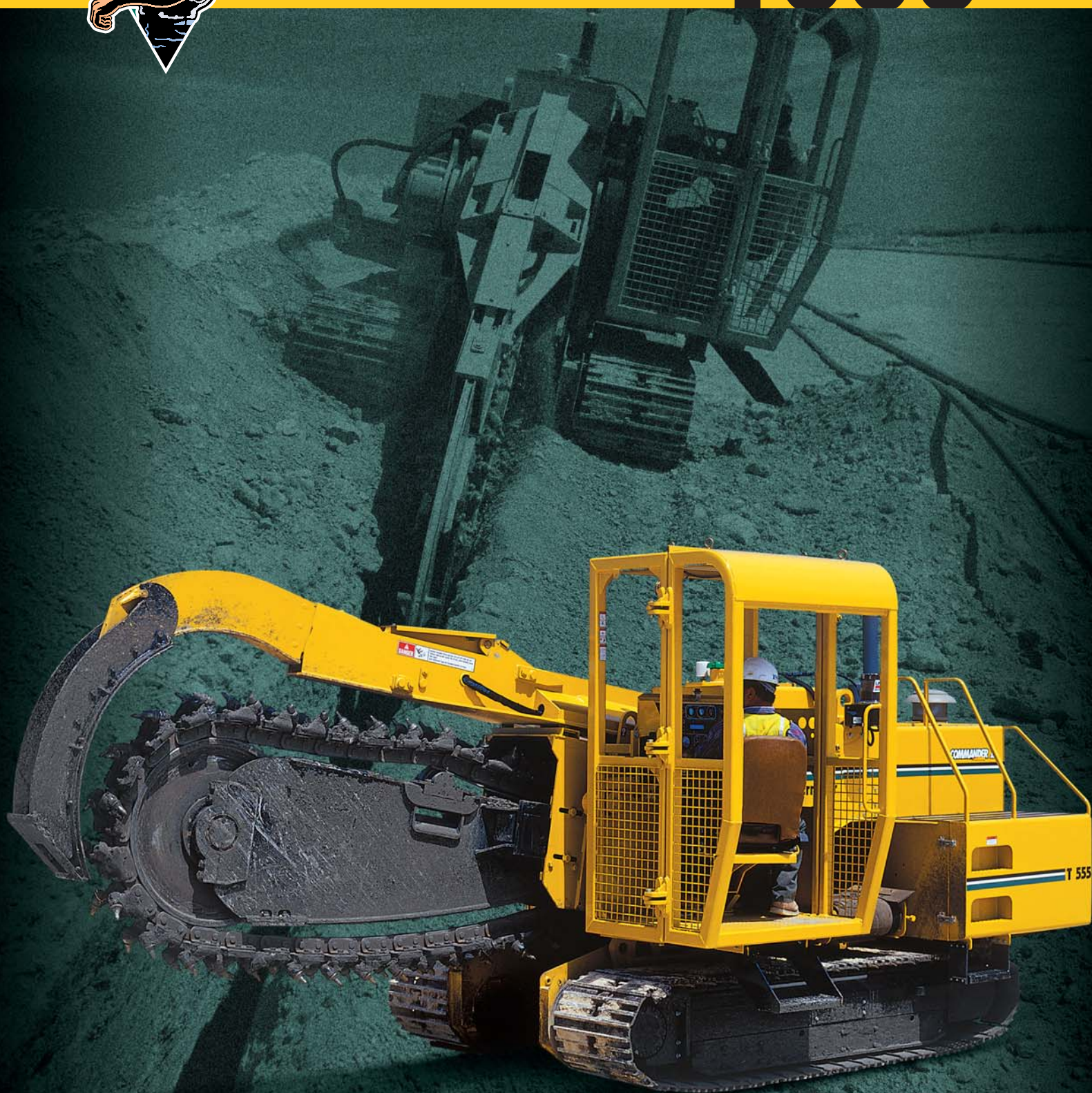
**HYDROSTATIC  
TRENCHER**

**COMMANDER® II**

**Vermeer**



**T555**





# COMMANDER® II

# T555

## HYDROSTATIC TRENCHER

### **Power You Can Depend on.**

No 185 hp (138 kw) trencher powers through demanding jobs like the Vermeer® T555 COMMANDER II. Its smooth-running, six-cylinder John Deere engine delivers consistent results, while the Modular Power Pak allows quick access to the engine and pump drive for easy and efficient maintenance.

### **Intelligence Backed by Muscle.**

From the patented Vermeer TEC 2000® system — today's leading trenching technology — to the rugged attachments for the T555 COMMANDER II, such as the optional rockwheel, every inch of the T555 is designed to outmuscle and outsmart tough job conditions. Mind and matter. A combination that puts the T555 COMMANDER II at the head of its class.

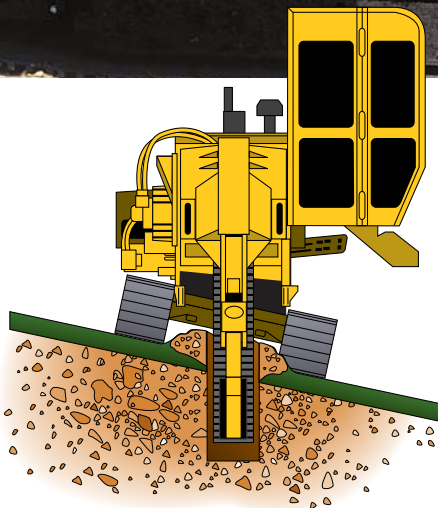
## **Come up Big on Your Toughest Jobs.**



**Optional Split Cab**  
*The T555's optional split cab provides operator comfort with features such as a swivel seat, polycarbonate-tinted glass, filtered and pressurized air, shock mounting, air conditioning and heating. Standard ROPS ensures operator safety.*

### **TEC 2000 Trencher Electronic Control**

*This exclusive Vermeer system integrates separate, stand-alone components into a few simple controls. It automatically adjusts the tractor to varying conditions and equalizes track speed for straight tracking in both directions, in all speed ranges. It also monitors trenching operations and displays useful data on an LCD readout. Machine system conditions are monitored to simplify troubleshooting; valuable maintenance data is logged.*



### **Optional Auto-Tilt Track**

*Auto-tilt track utilizes an oscillating track frame that allows the track to follow the ground's contour — ensuring a vertical trench on slopes up to 10 degrees.*





# T555 Specifications



## Conveyor

Belt speed: 0 fpm – 1000 fpm  
(0 m/min – 305 m/min)  
Conveyor-belt width: 24" (61 cm)  
Conveyor length: 91" (231 cm)  
Discharge height: 42" (107 cm)  
Shift reach: 13" (33 cm) from a 20"  
(51 cm) grouser pad  
Discharge direction: Right or left  
Belt: Cleat-type, center-guide rib, 2-ply  
Drive pulleys: Wing-type, self-cleaning

## Controls

TEC 2000 Trencher Electronic Control  
LCD digital display  
Straight tracking  
Load control  
Self-diagnostics  
Operator presence  
Neutral-start indicator



## Tracks

Dual-path hydrostatic drive w/ planetary transmission capable of full counter-rotation  
Infinitely variable speed:  
Transport — 0 mph – 2.1 mph  
(0 km/h – 3.4 km/h);  
digging — 0 mph – 2.1 mph  
(0 km/h – 3.4 km/h)  
Max. tractive effort: 30,500 lb (13,834 kg)  
Service brakes: Hydrostatic  
Parking and emergency brakes:  
Spring-applied, hydraulic-release  
wet-disc brakes  
Length, centerline to centerline:  
106" (269 cm)  
Track-pad type:  
Standard — 20" (51 cm) double grouser;  
optional — 15" (38 cm) rubber pads;  
20" (51 cm) single grouser;  
24" (61 cm) triple grouser  
Track-pad quantity: 42 per track  
Overall width:  
85" (216 cm) w/ 20" (51 cm) grousers  
Track-chain type: FL6  
Track tilt: Can dig vertical trench on 10° slope; either track can be raised 12" (30 cm) higher than the opposite track  
Track style: Rigid or tilt  
Track-chain tensioning: Compressed coil spring w/ grease cylinders  
Track-roller quantity: 8 on lower side  
Track rollers: Sealed and lubricated



## Trencher

Hydrostatic: One pump w/ one motor capable of transmitting full engine hp  
Boom travel: Up — 10°;  
down — 58°  
Cutters: Rotary, carbide-tipped  
End-idler diameter:  
20" (51 cm)  
40" (102 cm)  
Boom wear strip: Bolt-on, replaceable in high-wear areas  
Digging-chain drive sprocket: Split-type, hardened, bolt-on  
Digging-chain speed:  
0 fpm – 690 fpm  
(0 m/min – 210 m/min)  
Practical cutting-speed range:  
500 fpm – 690 fpm  
(122 m/min – 204 m/min)  
Optional Motor  
Digging-chain speed:  
0 fpm – 580 fpm  
(0 m/min – 177 m/min)  
Practical cutting-speed range:  
400 fpm – 580 fpm  
(122 m/min – 177 m/min)  
Headshaft bearings: Oil-filled w/ Duo-cone face seals  
Boom options: 4', 5', 6', 8' (1.2 m, 1.5 m, 1.8 m, 2.4 m) — sectionalized  
Cutting widths: 6" – 24" (15 cm – 61 cm)

## Rockwheel

Weight: 28,000 lb (11,400 kg)  
Machine length: 279" (700 cm)  
Transport width: 99" (250 cm)  
Transport height: 113" (290 cm)  
Cutting widths: 4.75" – 6" (12 cm – 15 cm)  
Cutting depth: 0" – 36" (0 cm – 91 cm)  
Max. cut: 6" x 36" (15 cm x 91 cm)  
Max. wheel speed: 1050 fpm



## TL85 Tile Layer

*Vermeer lays the foundation for productive tile laying with the detachable TL85 tile layer. This unit features a design that allows you to continue trenching after leaving the tile in the ground — without losing your grade. And as the tile is being laid in the ground, a wheel applies down-pressure and backfill blinders push spoil over the tile to keep the tile from floating.*

# Quality Parts and Service Certified Peace of Mind.



*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.*



*Genuine Vermeer parts are precision crafted to match your Vermeer equipment EXACTLY. This ensures that your system will run as smoothly as possible, with the least amount of service and maintenance.*

## Vermeer®

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## VANTAGE TRACK



*The industry-exclusive Vantage Track Extended-Care Service Program offers you peace of mind by letting you choose up to 3 years/3,000 hours of warranty protection.*

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