

# T1055III TRENCHER



**SMARTTEC ELECTRONIC CONTROL SYSTEM.** SmartTEC performance software helps optimize productivity with real-time machine control prompts. Monitor and record functions encourage proactive machine maintenance and operator performance analysis. Available on all Vermeer TEC® Plus computer-aided control system-equipped machines.



**ROTARY POWER TRENCHER DRIVE MOTOR.** A rotary power trencher drive motor and splined headshaft produce low-speed and high torque which provide superior ground penetration and low chain wear for better production results.



**ELEVATING ROPM CAB.** The elevating rollover protective module cab features LEXAN glass, filtered and pressurized air, heating and air-conditioning. The cab's vantage point allows a virtually unrestricted view of the boom, trench and conveyor.



**VANTAGE TRACK.** Relax in the confidence that your investment is protected and your entire closed-loop hydrostatic system is covered with either a 3-year/3000-hour or 5-year/5000-hour extended care service program.



**TERRAIN LEVELER® SURFACE EXCAVATION MACHINE ATTACHMENT.** The T1055 Commander® 3 has a chain drive Terrain Leveler SEM attachment option for large rock excavation applications including surface mining, overburden removal, site preparation and road demolition.



**FULL FUNCTION REMOTE CONTROL.** The T1055III is available with a wireless remote control that can provide full operator function remotely.

# T1055III TRENCHER

## GENERAL DIMENSIONS

Approach angle: 16°

Height: 11.3' (3.4 m)

Length range: 32.2' – 40.8' (9.8 m – 12.4 m)

Weight range (tractor plus trencher attachment): 105,000 lb – 124,000 lb (47,627.2 kg – 56,245.5 kg)

Width range: 9.7' – 10.2' (2.9 m – 3.1 m)

## ENGINE OPTION ONE

Make and model: Caterpillar C13 ACERT

Gross horsepower: 415 hp (310 kW)

Engine rpm: 2100

Fuel consumption @ full load: 20.9 gph (79.1 L/hr)

EPA certification family: Tier 3

## ENGINE OPTION TWO

Make and model: Caterpillar C13 ACERT

Gross horsepower: 415 hp (310 kW)

Engine rpm: 2100

Fuel consumption @ full load: 21.3 gph (80.6 L/hr)

EPA certification family: Tier 4 Final (Stage IV)

## TRACKS

Ground pressure: 9.4 psi – 13.9 psi (64.8 kPa – 95.8 kPa)

Tilt track with Auto Level available: No

Track length: 14.7' (4.5 m)

Track pad type: Single or double grouser

Track pad width: 24" or 30" (61 cm or 76.2)

Track size: D7G

Travel speed max: 114 fpm (34.7 m/min)

Service brakes: Hydrostatic

## CONVEYOR

Belt width: 30" (76.2 cm)

Max conveyor belt speed: 1070 fpm (326.1 m/min)

Conveyor belt style: Cleated or finger-type

Conveyor length: 9' or 14' (2.7 m or 4.3 m)

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

## CAB

Air conditioner/heater: Yes

Air suspension seat: No

AM/FM stereo with weather band: Yes

Elevating: Yes

Pressurized/filtered air: Yes

Rollover protective module (ROPM): Yes

Level II FOPS: Yes

## TRENCHER ATTACHMENT

Boom depth options: 6', 8', 10', 12' or 14' (1.8 m, 2.4 m, 3 m, 3.7 m or 4.3 m)

Boom top rollers: Yes

Chain speed range: 316 fpm – 714 fpm (96.3 m/min – 217.6 m/min)

Cutting width range: 28" – 42" (71.1 cm – 106.7 cm)

End idler diameter: 40" or 50" (101.6 cm or 127 cm)

## CHAIN DRIVE TERRAIN LEVELER ATTACHMENT

Weight (tractor plus attachment): 128,000 lb (58,059.8 kg)

Max cutting depth: 32" (81.3 cm)

Cutting width: 132" (335.3 cm)

Drum tilt available: No

Max drum speed rpm: 42

Laser and GPS acceptable: Yes

Digging chain size: 4501

## OPTIONS

Loadout conveyor

Terrain leveler attachment

Remote control

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