

T655III 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-equipped machines.



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



OPTIONAL BUCKET WHEEL ATTACHMENT. Designed for the installation of small-diameter cross country pipelines in soft digging conditions, the attachment has the ability to cut 22", 24" or 28" (55.9 cm, 61 cm or 71.1 cm) wide trenches.



VANTAGE TRACK. Relax in the confidence that your investment is protected and your entire closed-loop hydrostatic system is covered with an optional 3-year/3000-hour extended care service program.



HYDROSTATIC ROCKWHEEL ATTACHMENT. Powered by a hydrostatic motor, the optional rockwheel attachment has the ability to cut a trench up to 4' (1.2 m) in depth and 10" (25.4 cm) in width.



OPTIONAL AUTO TILT TRACK. An oscillating track frame allows the track to follow the ground's contour, providing a vertical trench on slopes up to 10.5 degrees.



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DO MORE.**

T655III TRENCHER

GENERAL DIMENSIONS

Approach angle: 16°

Height: 9.9' (3 m)

Length range (tractor plus trencher attachment): 23.6' – 28.5'
(7.2 m – 8.7 m)

Weight range (tractor plus trencher attachment): 40,000 lb –
59,500 lb (18,143.7 kg – 26,988.7 kg)

Width range: 8.1' (2.5 m)

ENGINE OPTION ONE

Make/Model: John Deere 6090HF

Gross horsepower: 250 hp (186 kW)

Engine rpm: 2200

Fuel consumption @ full load: 12.3 gph (46.6 L/hr)

EPA certification family: Tier 3

ENGINE OPTION TWO

Make/Model: John Deere 6090HF

Gross horsepower: 250 hp (186 kW)

Engine rpm: 2200

Fuel consumption @ full load: 12.1 gph (45.8 L/hr)

EPA certification family: Tier 4 Final (Stage IV)

TRACKS

Ground pressure: 7.8 psi – 9.7 psi (53.8 kPa – 66.9 kPa)

Tilt track with Auto Level available: Yes, max angle 10.5°

Track length: 11.4' (3.5 m)

Track pad type: Single, double or triple grouser

Track pad width: 20" (50.8 cm)

Track size: D4

Travel speed max (low and high): 114 fpm – 228 fpm
(34.7 m/min – 69.5 m/min)

Service brakes: Hydrostatic

BUCKET WHEEL ATTACHMENT

Weight (tractor plus attachment): 59,500 lb (26,988.7 kg)

Max cutting depth: 6.7' (2 m)

Cutting width: 22", 24" or 28" (55.9 cm, 61 cm or 71.1 cm)

Cutter tip speed (high range): 758 fpm (231 m/min)

CONVEYOR

Belt width: 24" (61 cm)

Max conveyor belt speed: 758 fpm (231 m/min)

Conveyor belt style: Cleated

Conveyor length: 8' or 12' (2.4 m or 3.7 m)

Conveyor shift available: Yes

Conveyor shift distance: 12" or 48" (30.5 cm or 121.9 cm)

Conveyor style: Flat or curved

Discharge direction: Right or left

Discharge height: 48" or 56" (121.9 cm or 142.2 cm)

CAB

Air conditioner/Heater: Yes

Air suspension seat: No

AM/FM stereo with weather band: Yes

Elevating: No

Pressurized/Filtered air: Yes

ROPS: Standard

TRENCHER ATTACHMENT

Boom depth options: 4', 5', 6' or 8' (1.2 m, 1.5 m, 1.8 m or 2.4 m)

Boom top rollers: Optional

Chain speed range: 617 fpm – 881 fpm (188.1 m/min – 268.5 m/min)

Cutting width range: 10.5" – 26" (26.7 cm – 66 cm)

End idler diameter: 20" or 40" (50.8 cm or 101.6 cm)

ROCKWHEEL ATTACHMENT

Weight (tractor plus attachment): 59,500 lb (26,988.7 kg)

Max cutting depth: 4' (1.2 m)

Cutting width: 3" or 10" (7.6 cm or 25.4 cm)

Max wheel speed (high range): 2,220 fpm (677 m/min)

OPTIONS

Loadout conveyor

Tile layer

Cable layer

Bucket wheel

Remote control

Rockwheel

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