

MT500

MATERIAL TRANSPORTER



GPS READY. Experience accurate pile placement with point-to-point and row-to-row automation. Ready to accept compatible third-party GPS systems for machine control.



AUTOMATED PICK AND PLACE. A one button push places each pile, capable of handling piles up to 400 lb (181 kg) with consistent pile shakeout across the jobsite.



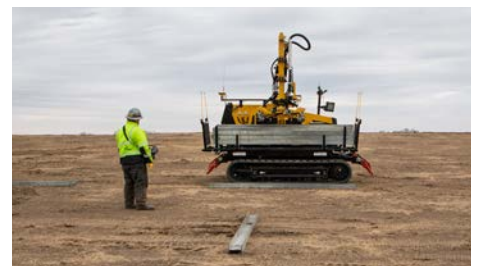
SAFETY FEATURES. With equipment designed with safety in mind, have more confidence on the job site. Multiple safety features assist crews with detecting interferences during tracking.



YOUR ACCESS TO MORE. VermeerOne™ is more than a tool or platform. It's an experience — one designed to simplify equipment management, empower users with real-time data to make smarter decisions and help maximize productivity and profitability.



CONFIGURABLE AND REMOVABLE RACK. Configurable to fit your jobsite needs. The pile rack, which can be configured on the jobsite, is designed to securely hold 10-25 ft (3.1-7.7 m) piles and up to a 5,000 lb (2,268 kg) payload.



EFFICIENTLY TRAIN CREWS BETWEEN MODELS. Operators will experience the same displays and operation across the Vermeer pile driver and material transporter models. Serviceability is consistent across the equipment lineup.

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GENERAL DIMENSIONS AND WEIGHTS

Machine weight (fully configured, without payload):	14,500 lb (6,578 kg)
Maximum operating height (without third-party GPS system):	12.8 ft (3.8 m)
Maximum operating length:	26.6 ft (8.1 m)
Minimum operating width:	7.7 ft (2.3 m)
Maximum operating width:	11.1 ft (3.7 m)
Maximum transport height:	8 ft (2.4 m)
Maximum transport length (with rack):	15.7 ft (4.7 m)
Maximum transport length (without rack):	13.4 ft (4 m)
Maximum track width (without rack):	7.4 ft (2.2 m)
Maximum payload capacity:	5,000 lb (2,268 kg)
Maximum pile rack combined weight:	6,000 lb (2,721 kg)

ENGINE

Make and model:	Rehiko® KDI 2504 TCR
Gross horsepower:	74 hp (55 kW)
Number of cylinders:	4
Cooling medium:	Liquid
Fuel type:	Ultra low sulfur diesel
EPA certification family:	Tier 4F

ELECTRICAL SYSTEM

Voltage:	12
Battery CCA rating:	950
Battery group class:	Group 31

FLUID CAPACITIES

Fuel tank:	35 gal (132.5 L)
Engine crankcase with filter:	12 qt (11.5 L)
Hydraulic tank:	43 gal (163 L)

NOTES

FEATURES

Telematics:	Optional
AutoPick:	Standard
AutoPlace:	Standard
AutoLoad:	Standard
Point-to-point/row-to-row:	Optional
Object detection system:	Optional
Removeable/configurable pile rack:	Standard
GPS ready:	Standard

GROUND DRIVE

Transport speed:	1.5-2.5 mph (2.4-4 km/h)
Work speed:	1.5-2.5 mph (2.4-4 km/h)
Track drive:	Dual track
Ground pressure (with maximum payload):	6.4 psi (.44 bar)

REMOTE CONTROL

Make:	Vermeer
Battery/battery life:	2 rechargeable lithium ion batteries, 24-36 hours
Normal range:	100 ft (30 m)
Maximum recommended range:	300 ft (90 m)

PILE MEASUREMENTS TAKEN ON LEVEL GROUND

Maximum pile length:	25 ft (7.6 m)
Maximum pile weight:	400 lb (181 kg)
Ground pressure:	6.4 psi (.44 bar)

