

PD10R PILE DRIVER



REMOTE CONTROL. Control machine functions, including hammer engagement, pile accuracy using the auto plumb feature and ground drive via wireless remote control.



IMPROVE YOUR ACCURACY. An optional laser receiver integrated into the control system and a GPS-compatible design (capable of accepting compatible third party systems) can help improve productivity.



REDUCE YOUR CYCLE TIME. Using the auto plumb feature, the PD10R can set the mast to be vertical without any manual adjustment by the operator. Featuring a hammer which has high impact energy, cycle times have been reduced.



EFFICIENT GROUND DRIVE. Move from pile to pile quickly and accurately with an efficient ground drive, reducing cycle time.



STAY ON POINT. An optional automation feature leads the way; with minimal operator input, a point to point system will allow the pile driver to automatically move from one pile to the next, keeping the installation precise and aligned.



AT YOUR FINGERTIPS. An industry-unique on-machine control system offers the operator a variety of machine information, including pile angle and height. Display also shows machine maintenance reminders to help maintain service schedules.

PD10R PILE DRIVER

GENERAL DIMENSIONS AND WEIGHTS

20' (6.1 M) MAST

Maximum operating height: 24.9' (7.6 m)

Operating weight: 15,560 lb (7057.9 kg)

Operating length: 10.2' (3.2 m)

Operating width: 10.1' (3.1 m)

Transport height: 108" (274.3 cm)

Transport length: 122" (309.9 cm)

Transport width: 101" (256.6 cm)

ENGINE OPTION ONE

Make and model: Deutz D2.9 L4

Gross horsepower: 49 hp (36.5 kW)

Number of cylinders: 4

Cooling medium: Liquid

Fuel type: Diesel

EPA certification family: Tier 4 Final (EU family stage IIIA)

ENGINE OPTION TWO

Make and model: Deutz D2.9 L4

Gross horsepower: 49 hp (36.5 kW)

Number of cylinders: 4

Cooling medium: Liquid

Fuel type: Diesel

EPA certification family: Tier 4i (EU family stage IIIA)

FLUID CAPACITIES

Fuel tank: 18 gal (68.1 L)

Engine crankcase with filter: 2.1 gal (7.9 L)

Engine cooling system: 1.5 gal (5.7 L)

Hydraulic tank: 36 gal (136.3 L)

GROUND DRIVE

Hydraulic pump type: Danfoss H1 hydrostatic

Maximum transport speed: 1.74 (2.7 km/h)

Track drive: Steel track with rubber pads

HAMMER

Maximum angle (direction of tracks): 11 degrees
(each direction from vertical)

Maximum angle (perpendicular to tracks): 20 degrees away from
machine | 55 degrees toward machine (from vertical)

Impact drive type: High-frequency hammer

Maximum hammer impact: 1500 bpm

Maximum pile dimension (round opening): 9.3 in² (23.6 cm²)

Maximum pile dimension (square opening): 8.3 in² (21.1 cm²)

Maximum pile dimension (rectangle opening): 6.7 x 9.3"
(17 x 23.6 cm)

FEATURES

Autoplumb: Standard

Laser receiver: Optional

Remote control: Standard

Max laser operating distance: 1500' (457.2 m)

Vermeer productivity tools capable

Third party GPS integration capable

Optional automation features

NOTES:

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