

# 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 in<sup>2</sup> (23.6 cm<sup>2</sup>)

Maximum pile dimension (square opening): 8.3 in<sup>2</sup> (21.1 cm<sup>2</sup>)

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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