

PD10 PILE DRIVER



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## A customer-minded solution for solar worldwide.

As the world's population grows, alternative energy sources will become increasingly important contributors to the world's store of available energy. With the introduction of the robust PD10 pile driver, Vermeer offers solar industry pioneers the high-quality, productive equipment solution this rapidly expanding market demands.

Commercially-sized solar fields, comprised of thousands of piles, render conventional pile driving equipment insufficient to tackle the challenge presented by these sizeable fields. With the opportunity offered by commercial solar field installations, solar installation contractors require an equipment solution capable of meeting tight timelines and narrow accuracy tolerances. This trend has driven contractors to scrutinize cycle times and inspired many of the features of the PD10.

What separates us from the competition? Along with reliable equipment, we are the only manufacturer in the market who can truly boast of a worldwide dealer network. What does that mean to you? No matter where you are, Vermeer dealers are able to offer you the parts and service support you deserve.

**1: At your fingertips.** An industry-unique integrated control system offers the operator a variety of machine information, including pile angle and height. Display also shows machine maintenance information to help maintain service schedules.

**2: Reduce your cycle time.** Using the autoplumb feature, the PD10 can correct pile angle to complete verticality without any manual adjustment by the operator. The mast automatically moves to a plumb orientation with a touch of a button. No longer is a hand level needed to position the pile vertically.

**3: Take control.** Conveniently placed dual joystick controls allow the operator to control machine functions including engagement of the hammer, pile placement and ground drive.

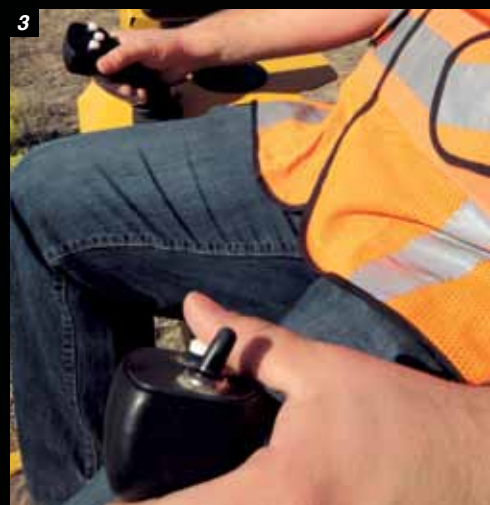
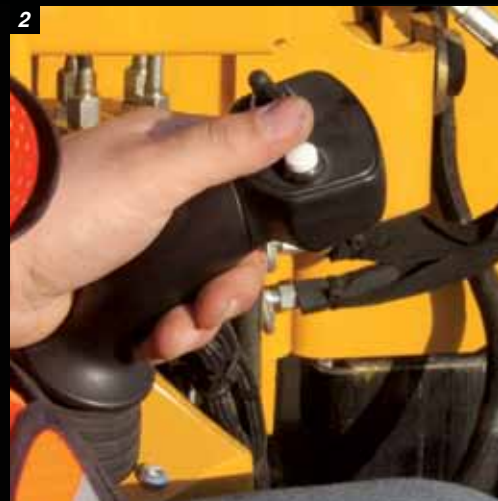
**4: Stay on-grade.** An optional laser receiver mounted to the machine hammer helps operators keep pile height consistent from one pile to the next. This information is relayed to the operator via the integrated control system.





**5: Leave it like you found it.** The PD10 features a wide track pad to maintain flotation and minimize jobsite disturbance in widely varying ground conditions.

**6: Operator options.** Operators can choose to be seated or to use an optional wireless remote control, which controls machine functions, including hammer engagement, pile placement and ground drive.



# PD10 SPECIFICATIONS

## General Weights and Dimensions - 10' (3 m) Hammer

Max operating height:	14.1' (4.3 m)
Operating length:	119.5" (303.5 cm)
Operating width:	116.5" (295.9 cm)
Operating weight:	12,024 lb (5454 kg)
Transport height:	104.6" (265.7 cm)
Transport length:	119.5" (303.5 cm)
Transport width:	94.3" (239.5 cm)

## General Weights and Dimensions - 15' (4.6 m) Hammer

Max operating height:	19.1' (5.8 m)
Operating length:	119.5" (303.5 cm)
Operating width:	10.6" (3.2 m)
Operating weight:	13,367 lb (6063.2 kg)
Transport height:	104.6" (265.7 cm)
Transport length:	119.5" (303.5 cm)
Transport width:	104.6" (265.7 cm)

## Operator's Station

Rollover protection station (ROPS) rating:	15,000 lb (6803.9 kg)
Operator's station:	Seated, rotating
Controls:	Dual joystick

## Engine

Make and model:	Yanmar TNV88
Gross horsepower:	47 hp (35 kW)
Number of cylinders:	4
Cooling medium:	Water
Fuel type:	Diesel
EPA certification family:	Tier 4i (EU Stage IIIB)

## Ground Drive

Hydraulic pump type:	Sauer Danfoss H1
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## Track Type

Track drive:	Hydrostatic
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## Hammer

Max angle (front-to-back):	20°
Max angle (left-to-right):	11°
Standard hammer height:	10' (3 m)
Mast extension:	5' (1.5 m)
Impact drive type:	High-frequency hammer
Max hammer impact:	1150 bpm
Max pile dimension (square):	6.2" (15.8 cm)
Max pile dimension (round):	7.2" (18.3 cm)

## Features

Autoplumb:	Standard
Laser receiver:	Optional
Max laser operating distance:	1500' (457.2 m)

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