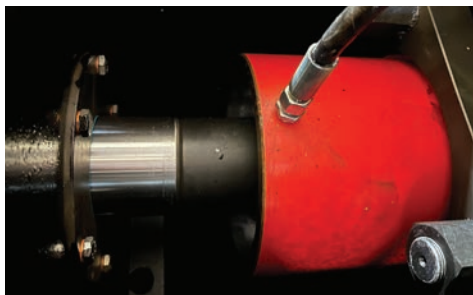


# SA2500E

## HIGH-PRESSURE MUD PUMP



**FLOW RATE AND POWER.** A fully electric high-pressure mud pump capable of delivering an adequate flow rate for large pipeline installation by horizontal directional drilling. The powerful electric 339-kW Danfoss motor drives the Techniwell TW2500 HDD triplex piston pump, which is the core of the system, making this pump the ideal match with maxi rigs.



**SCALABLE.** Depending on the diameter of the liners, the SA2500E can deliver up to 3.100 L/min at 60 bar, covering a wide range of applications. The standard configuration comes with 7-in liners, delivering 2.400 L/min at 80 bar.



**COMPACTNESS AND TRANSPORTABILITY.** The SA2500E frame stays in a half-standard ISO 20-ft container, with a weight of 7.100 kg, which makes this pump compact and efficient to load and transport.



**CONTROL AT YOUR FINGERTIPS.** A tethered human-machine interface (HMI) with user-friendly touch screen allows the operator to monitor and set all the parameters of the pump from remote.



**MODULARITY.** The SA2500E is modular. Depending on the project, you can run one or more units in parallel to deliver the required flow rate.



**REMOTE LOCKOUT.** The SA2500E can be activated and deactivated from a remote when connected to a Vermeer drill.

# SA2500E HIGH-PRESSURE MUD PUMP

## GENERAL DIMENSIONS AND WEIGHT

Length: 2,74 m

Height: 2,23 m

Width: 1,74 m

Weight: 7.100 kg

## DRIVE

Drive type: Electric and water cooled

Drive motor make: Danfoss

## POWER

Voltage: 380 V - 440 V

Maximum output: 340 kW

Chute rotation: 270°

Maximum current draw: 450 amp

Recommended generator: 150 kVA - 425 kVA, 380 V - 440 V, 450 amp at 50 Hz

When connected to the grid: 400 V at 50 Hz

## FLUID PUMPING SYSTEM

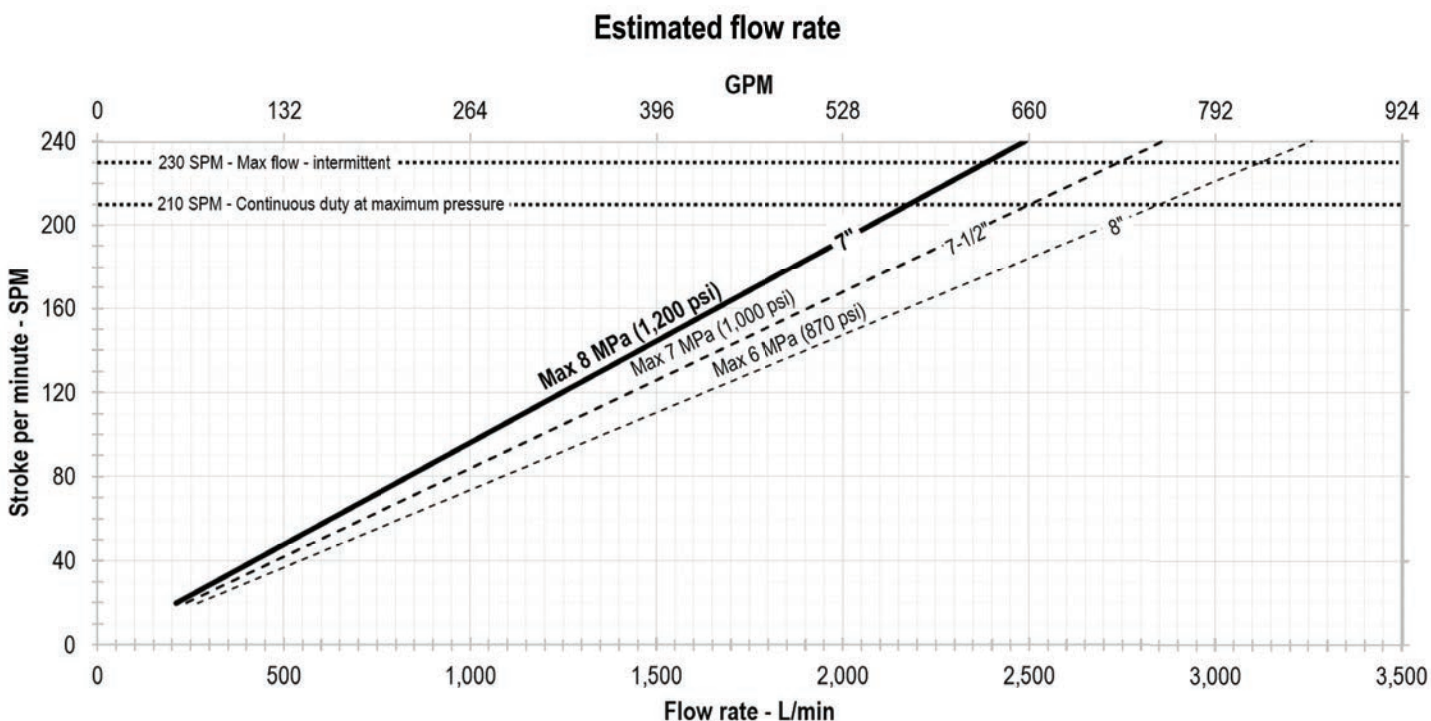
System type: Stand-alone, module frame and open skid

High pressure pump: Tecniwell TW2500 HDD triplex piston pump

Piston diameter: From 7 in to 8 in - standard 7 in

Maximum flow rate and pressure (7 in liners): 2.400 L/min at 80 bar

Relief valve setting: 80 bar



Data provided by third-party manufacturer. Individual results may vary based on care and operation of equipment and ground conditions, which may adversely affect performance.

Vermeer Manufacturing International Goes reserves the right to make changes in engineering, design and specifications; add improvements; or discontinue manufacturing at any time without notice or obligation. Equipment shown is for illustrative purposes only and may display optional accessories or components specific to their global region. Please contact your local Vermeer dealer for more information on machine specifications. Vermeer and the Vermeer logo are trademarks of Vermeer Manufacturing Company in the U.S. and/or other countries. Danfoss is a trademark of Danfoss A/S Corporation. Tecniwell is a trademark of Tecniwell S.r.l. © 2023 Vermeer Manufacturing International Goes. All Rights Reserved.

