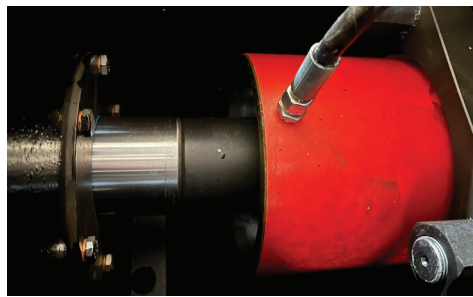


# SA2500E HIGH-PRESSURE MUD PUMP



**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 Tecniwell 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

## 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

## POWER

Voltage: 380 V - 440 V

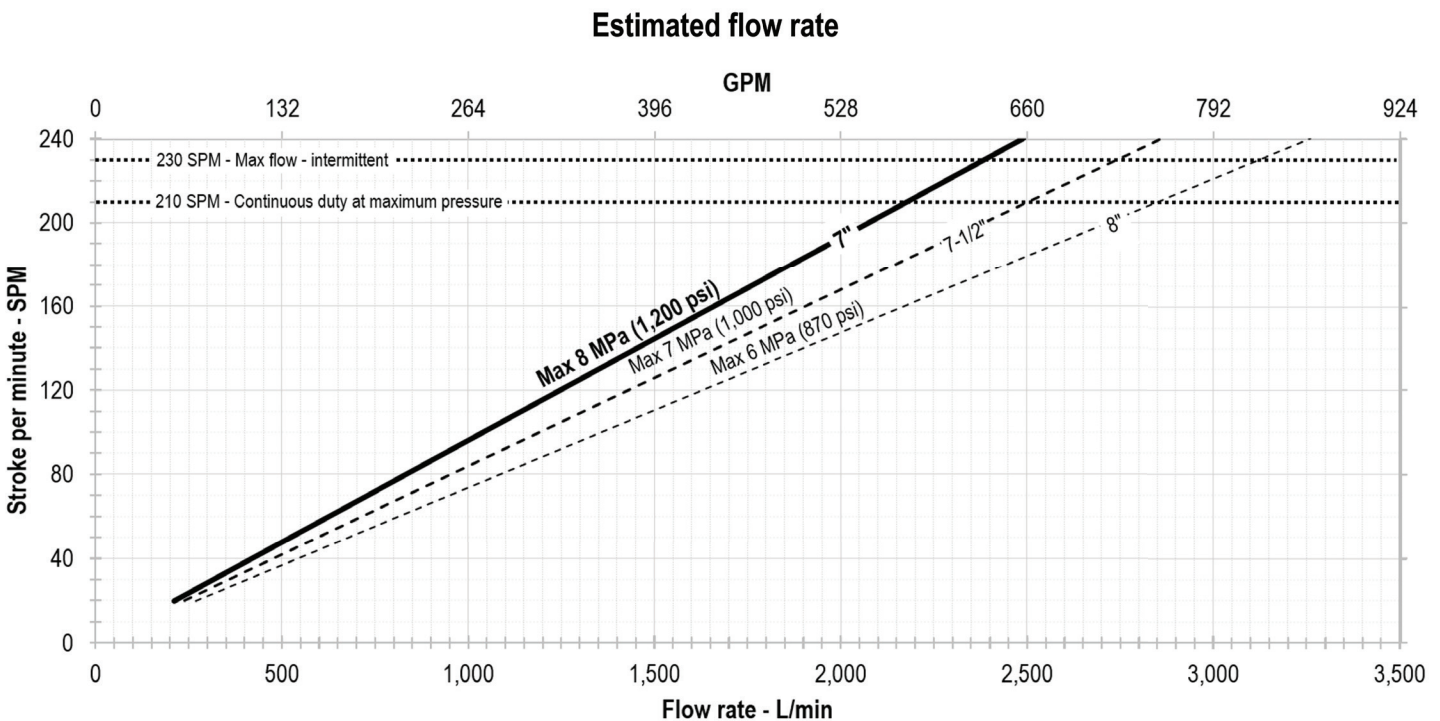
Maximum output: 340 kW

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



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.

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