



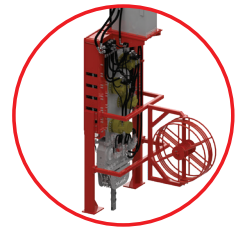
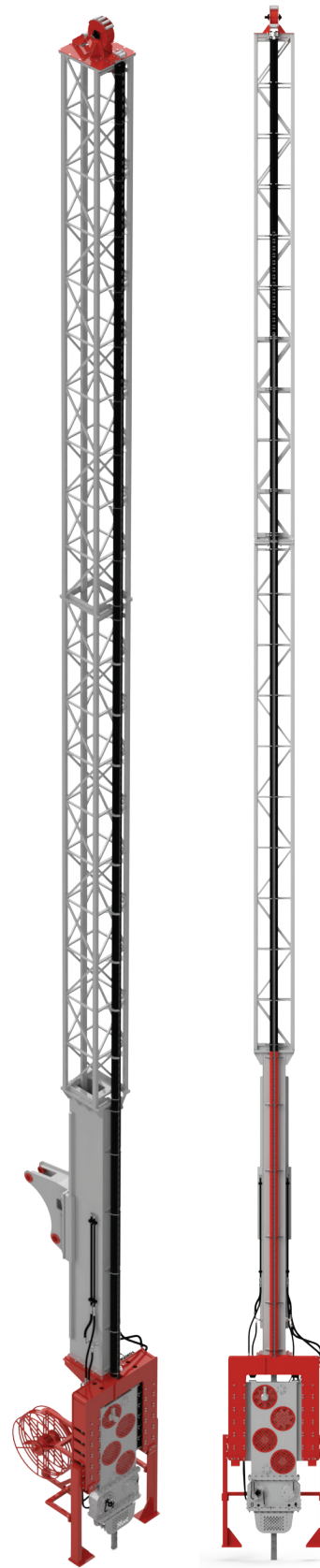
OMS Pile Driving Equipment

WD 28-43

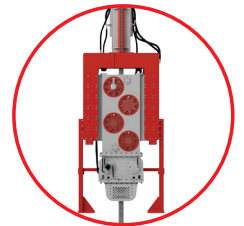
WICK DRAIN INSTALLATION MACHINE

COMBINED WICK POWER!

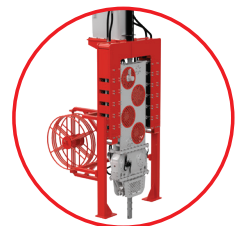
- ▶ **STRONG GEAR DRIVER UNIT** installs the PVD material into the soil.
- ▶ **VIBRO HAMMER** reduces the resistance of the ground with vibration.



Back View



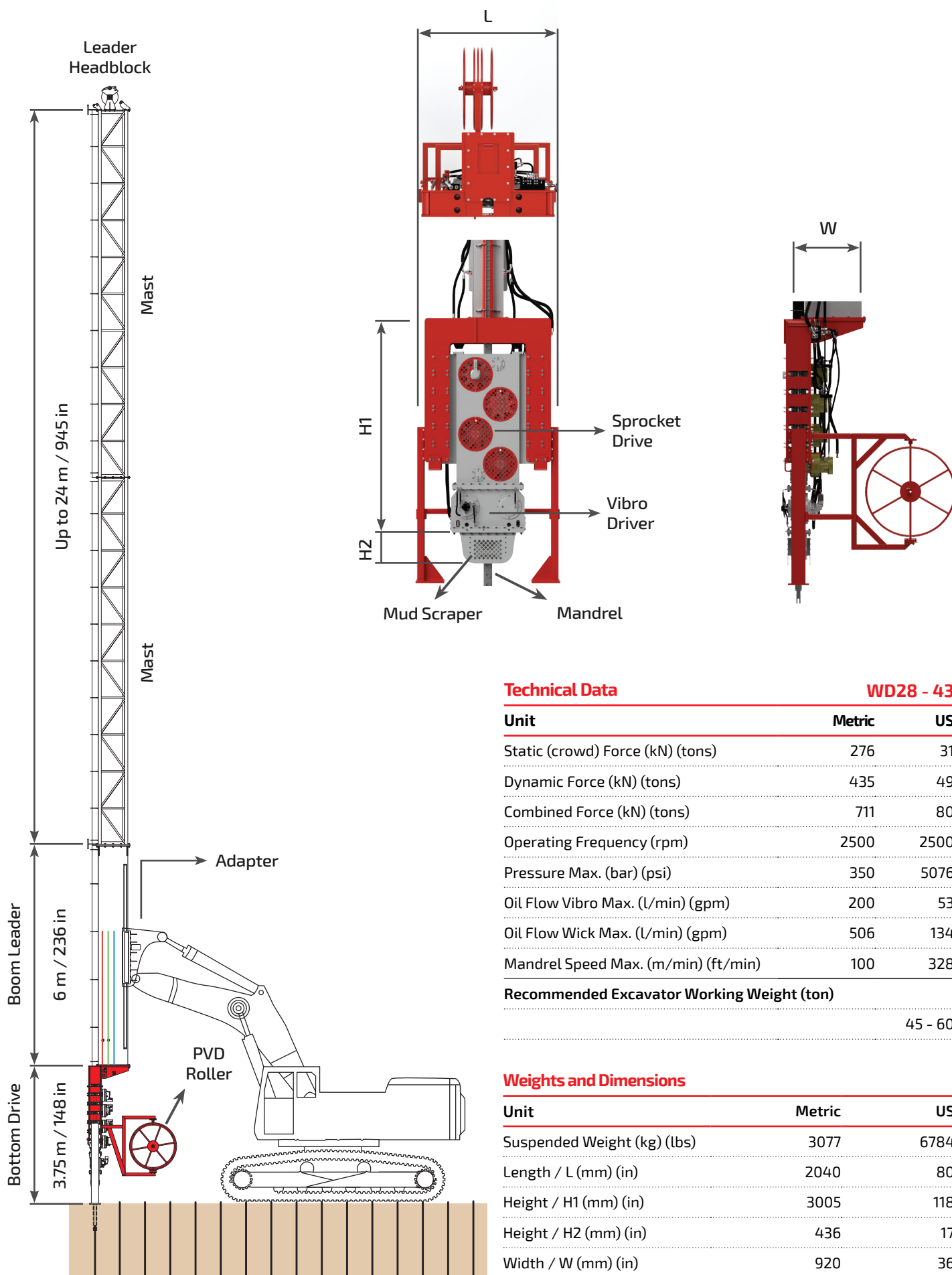
Front View



Isometric View

The **OMS Wick Drain Installation Machine** is a soil improvement machine that is used for the quick consolidation of cohesive soils. The machine is consisting of; hydromotors, sprocket gears, a mandrel and a high frequency vibro hammer. It is very useful equipment to drain the water in the cohesive soils, thus, the liquefaction risk is minimal and settlement time is faster than standard procedures.

WD 28 - 43 / Technical Specifications



Technical Data

WD28 - 43

Unit	Metric	US
Static (crowd) Force (kN) (tons)	276	31
Dynamic Force (kN) (tons)	435	49
Combined Force (kN) (tons)	711	80
Operating Frequency (rpm)	2500	2500
Pressure Max. (bar) (psi)	350	5076
Oil Flow Vibro Max. (l/min) (gpm)	200	53
Oil Flow Wick Max. (l/min) (gpm)	506	134
Mandrel Speed Max. (m/min) (ft/min)	100	328

Recommended Excavator Working Weight (ton)

45 - 60

Weights and Dimensions

Unit	Metric	US
Suspended Weight (kg) (lbs)	3077	6784
Length / L (mm) (in)	2040	80
Height / H1 (mm) (in)	3005	118
Height / H2 (mm) (in)	436	17
Width / W (mm) (in)	920	36

