

DPS - Calibration Device WOB



Profile

The DPS (Drilling Performance Sub) calibration device is used to determine measurement data in drilling tools in order to calibrate them using the internal data of the DPS calibration device.

Generates up to 5 tons of hydraulic forces for calibrating the drilling tool accordingly.

Tools are clamped into the unit with a hydraulic cylinder, and tested.

Maximum work piece diameter 3 1/8".

- Measures hydraulic forces up to 5 tons
- Variable measuring force adjustment
- Protective cover with macrolon® safety glass
- Calibrated measuring box
- Work piece sizes from 2 3/8" to 3 1/8"
- Programmable automatic calibration process control
- CE per machinery directive 2006/42/EC and low-voltage directive 2006/95/EC

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Dimensions

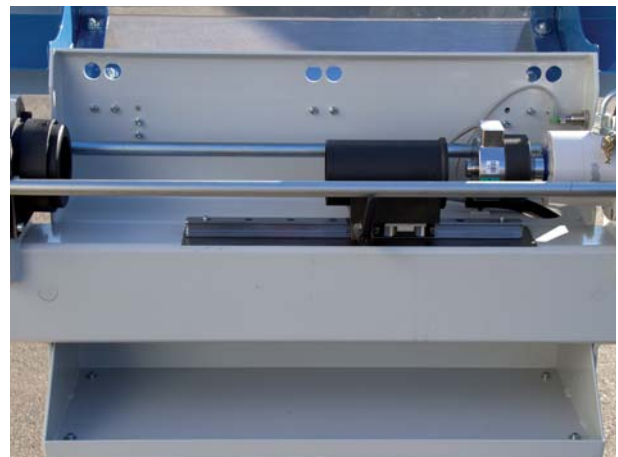
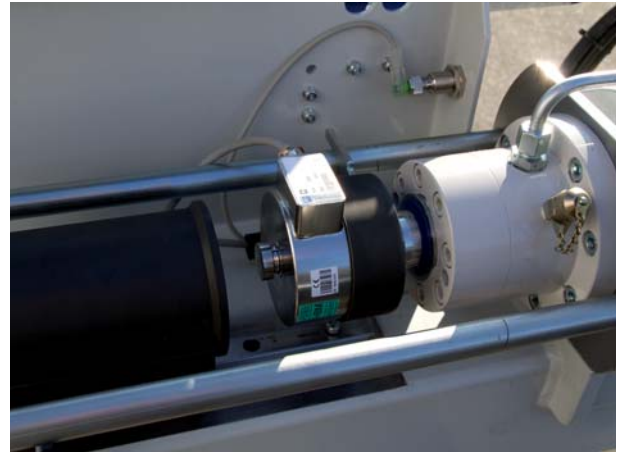
Length	3,030 mm / 9.94 ft
Width	700 mm / 2.30 ft
Height	1,600 mm / 5.25 ft
Weight	480 kg / 1,058 lbs
Tool sizes	2 3/8", 3", 3 1/8"

Hydraulic specifications

Max. hydraulic pressure	180 bar / 2,611 psi
Delivery rate	2 l/min
Measuring forces	10, 15, 25, 40 and 45 kN

Electric control system

Programmable logic control (PLC)	for the automatically calibration process
Main switch	for the electric supply
Hand switch	for setting the hydraulic forces
Press button	for start the cylinder drive direction
Emergency stop button	



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