

MACE Hydraulic System



The hydraulic system of the MACE serves the control of the cutting axis at the manipulation systems of the Water Abrasive Suspension (WAS) cutting unit MACE. For guaranteeing the safety distance – up to 500 meter – a control panel is included for the operator which controls the motion axis and the cutting speed.



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GENERAL INFORMATION

Maximum working pressure	80 bar (1.160 PSI)
Supply voltage	230 V / 50 Hz
Electric power	0.3 kW
Power consumption	max. 3.0 A
Flow	Max. 1.0 l (0.26 US gallons)
Pressure medium	Hydraulic mineral oil AVIA Fluid RSL 32 HLP 32 DIN 54 524/2
Number of possible axis	3
Weight	55 kg (121 lb)
Size (L x W x H)	610 x 450 x 650 mm (24 x 17.7 x 25.6 in)



SCOPE OF DELIVERY

Cable	Supply cable Signal- / power cable on drum up to 5 x 100 m (5 x 328 ft) Cable Hydraulikaggregat
Devices	Hydraulic aggregate Coupling station Control panel Generator opt. drum reel device
Documentation	Operating manual

AMU < 700 bar