

# midi MACE



The midi MACE was developed as mobile penetration and cutting tool. A self-sufficient complete system with combustion engine, Abrasive Mixing Unit (AMU) and high-pressure pump for the development and deactivation of EOD (Explosive Ordnance Disposal) and IEDD (Improvised Explosive Device Disposal).

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## GENERAL INFORMATION

Working pressure	120 bar (1,740 PSI)
Pressure vessel	1.8 l (0.48 US gallon) volume brutto, 2 kg (4.4 lb) abrasive capacity, carbon-fibre forced
Weight	100 kg (220.5 lb) empty
Size (L x W x H)	600 mm x 475 mm x 800 mm (23.62 x 18.70 x 31.50 in) (without hopper)
Water tank	15 l (3.96 US gallon) netto



## OPERATION PARAMETER

Nozzle size	0.5 mm (0.02 in)	Cutting performance	1 mm (0.2 in)	60 mm (2.36 in) /min
Maximum working pressure	120 bar (1,740 PSI)	in air for steel S235	2 mm (0.4 in)	40 mm (1.58 in) /min
Water flow	1.6 l (0.42 US gallon) /min		3 mm (0.98 in)	25 mm (0.98 in) /min
Electric power	800 W / 33 V / rechargeable battery			
Abrasive	Granat, mesh 120			
Abrasive concentration	10 % (mass)			
Cutting time with one filling abrasive	8 min			



## CIRCULAR CUTTER

Rotation axis	12 V battery 13 Ah
Support	1/2" quick-release-coupling, max. 6 bar



## CONTROL PANEL

Electric power	24 VDC, 2 battery packs
Cable length	15 m (49 ft)
Size	275 x 245 x 125 mm (10.83 x 9.65 x 4.92 inch)

AMU less 700 bar