

micro MACE - PackBot EOD/IEDD

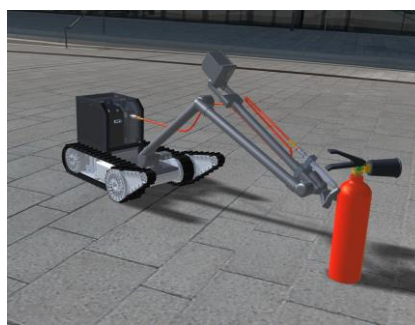


Penetration and Injection tool

Operation parameter

EOD / IEDD

Maximum working pressure	100 bar
Pressure vessel	0.2 l volume, carbon-fibre forced, Quick change system Capacity: 200 g abrasive
Weight	18 kg (full equipped)
Size (L x W x H)	250 mm x 290 mm x 430 mm
Cutting and injection tank	max. 2.25 l (complete)
Hydraulic power at the nozzle	0.25 kW
Engine	Electric motor 24 VDC brushless
Electric power	24 VDC / 24A, Li-Po battery 5000 mAh
Safety devices	Pressure Relief Valve Electronic pressure monitoring
Plunger pump	Axial piston pump, stainless steel
Pressure fluid	various
Nozzle size	0.5 mm
Fluid flow rate	1.5 l/min
Abrasive	Barton Garnet HP 120X
Abrasive concentration	max. 30% (mass)
Cutting time with one filling abrasive	max. 30 sec
Injection medium (second fluid)	1.5 l
Penetration performance	3 mm steel

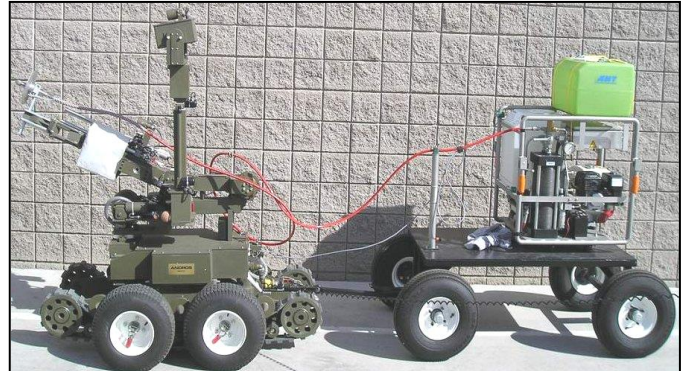


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ROV-Package

Additional equipment for mounting the mini MACE on a trailer or directly on the ROV (**R**emote **O**perated **V**ehicle).



EOD / IEDD



Setting	to fix the nozzle holder within the gripper
Arm protection	plastic cover shielding for the robot's telescope arm and a metal protection shield for the nozzle holder
Adaption	special frame to fix the mini MACE on the trailer or directly on the ROV incl. hose and cable guidance
Tank	1 extra water tank 40 l (151.42 US gallon)
High pressure hose	from the mini MACE to the ROV gripper