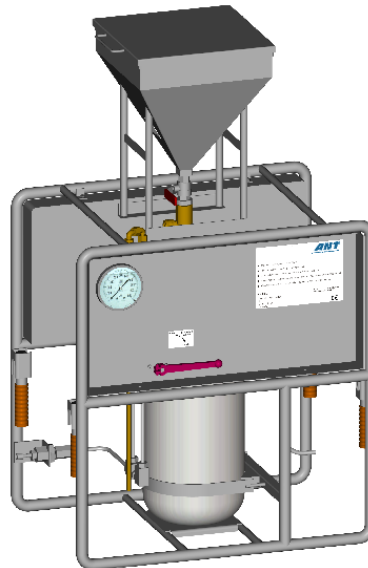


MACE

AMU 700 – 12



Abrasive Mixing Unit

Maximum working pressure	700 bar (10150 PSI)
Pressure vessel	12 l volume / 15 kg abrasive
High pressure valves	manual
Weight	115 kg (253.58 lb) empty
Size (L x W x H)	725 mm x 500 mm x 780 mm
Safety device	rupture disc assembly

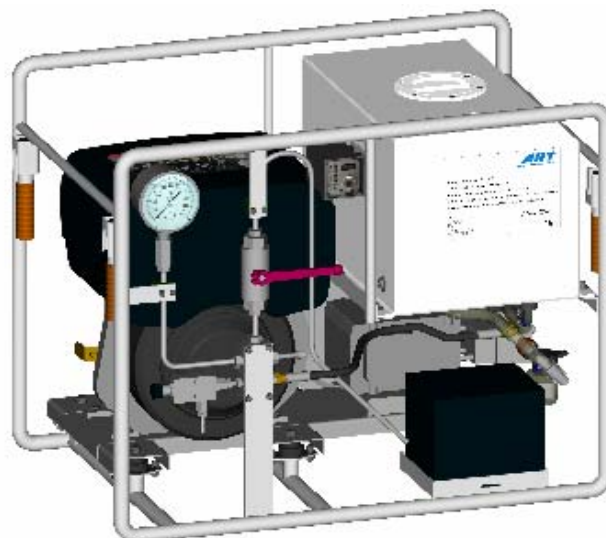
Operation Parameter

Nozzle size	0.6 mm	
Maximum working pressure	700 bar (10150 PSI)	
Water flow	6 l/min	
Hydraulic power at the nozzle	7 kW	
Abrasive	Garnet 80 mesh	
Abrasive concentration	10 mass%	
Cutting time with one filling	25 min	
Cutting performance (in air)	10 mm steel	115 mm/min
	25 mm steel	46 mm/min
	50 mm steel	21 mm/min

Connections

High pressure water inlet	¼ " BSP or quick-release-coupling SSKV
Suspension outlet	¼ " BSP or quick-release-coupling SSKV
Electric power	---
Pneumatic	---

HPP 700 – 6



High Pressure Pump (HPP)

Maximum working pressure	700 bar (10150 PSI)
Water flow	6 l/min
Water tank	50 l
High pressure valves	manual
Weight	135 kg (297.68 lb) empty
Size (L x W x H)	900 mm x 580 mm x 710 mm
Safety device	safety valve
Engine	Diesel engine 7.3 kW, electric starter
Water supply	max. 6 bar

Connections

High pressure outlet	¼ " BSP or quick-release-coupling SSKV
High pressure hose between HPP and AMU	2 m (0.6 kg/m)
Water Inlet	½ " quick-release-coupling
Electric power	12V battery 36 Ah
Pneumatic	---

3-Axis Cutting Table



3-Axis cutting table

Working area	1000 mm horizontal, 500 mm vertical, max. \varnothing 250 mm rotation
Drive	hydraulic
Material	aluminium and stainless steel
Traverse speed	20–200 mm/min
Weight	70 kg (154.35 lb)
Size (L x W x H)	1300 mm x 1300 mm x 1100 mm
Electric power supply	0,25 kW, 230 V / 50 Hz
Hydraulic fluid	mineral oil
Flow	max. 1 l/min, max. 80 bar
Weight of hydraulic unit	58 kg (127.89 lb) full
Size (L x W x H) of hydraulic unit	700 mm x 440 mm x 560 mm in stainless steel frame
Controls	axis selection, direction selection, speed control
Weight of control panel	2 kg

Generator

Electric power	2.0 kW, 230 V / 50 Hz
Drive	gasoline
Weight	55 kg (121.28 lb)
Size (L x W x H)	536 mm x 400 mm x 458 mm in steel frame

Accessories

Energy cable	20 m (0.6 kg/m)
Control cable	max. 500 m (0.4 kg/m)
Hydraulic hose pack	15 m (0.2 kg/m)