

AMU 1500 – 40



Abrasive Mixing Unit

Maximum working pressure	1500 bar (21750 PSI)
Pressure vessel	37 l volume / 70 kg abrasive
High pressure valves	pneumatic
Weight	1000 kg empty
Size (L x W x H)	1200 mm x 800 mm x 2200 mm

Operation Parameter

Nozzle size		0.6 mm	1.0 mm
Pressure		1500 bar (21750 PSI)	1500 bar (21750 PSI)
Water flow		8.2 l/min	22.8 l/min
Hydraulic power at the nozzle		20 kW	55 kW
Abrasive		Garnet 0.15 – 0.30	Garnet 0.15 – 0.30
Abrasive concentration		10 mass%	10 mass%
Cutting time with one filling		80 min	30 min
Cutting performance (in air)	10 mm steel	248 mm/min	412 mm/min
	50 mm steel	45 mm/min	75 mm/min
	100 mm steel	20 mm/min	34 mm/min
	150 mm steel	12 mm/min	20 mm/min
	200 mm steel	8 mm/min	13 mm/min
	250 mm steel	-----	9 mm/min

Connections

High pressure water inlet	M26 x 1.5 , 9/16"-18 UNF LH
Suspension outlet	M26 x 1.5 , 9/16"-18 UNF LH
Electric power	-----
Pneumatic	DN 8, max. 8 bar
Clear water	½", max. 6 bar