

AMU 2000 – 40



front view

Abrasive Mixing Unit

Maximum working pressure	2000 bar (29000 PSI)
Pressure vessel	40 l volume / 80 kg abrasive
High pressure valves	pneumatic
Weight	1750 kg empty
Size (L x W x H)	1300 mm x 800 mm x 2250 mm

Operation Parameter

Nozzle size		0.6 mm	1.0 mm
Pressure		2000 bar (29000 PSI)	2000 bar (29000 PSI)
Water flow		9.7 l/min	26.8 l/min
Hydraulic power at the nozzle		32 kW	89 kW
Abrasive		Garnet 0.15 – 0.30	Garnet 0.15 – 0.30
Abrasive concentration		10 mass%	10 mass%
Cutting time with one filling		83 min	30 min
Cutting performance (in air)	10 mm steel	330 mm/min	550 mm/min
	50 mm steel	60 mm/min	100 mm/min
	100 mm steel	27 mm/min	45 mm/min
	150 mm steel	16 mm/min	27 mm/min
	200 mm steel	11 mm/min	18 mm/min
	250 mm steel	-----	12 mm/min

Connections

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