

AMU TWIN 2500-100



Most powerful Abrasive Mixing Unit made by ANT. Highest cutting performance in conjunction with less downtimes by shuttle service. Updated version due to new industrial health- and safety-regulations.

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GENERAL INFORMATION PER AMU

Maximum pressure	2,400 bar (34,800 PSI)
Pressure vessel	
Volume	100 l (26.42 US gallon)
Abrasive capacity	200 kg (441 lb)
Operation pressure valves	pneumatic
Weight	4,200 kg (9,260 lb) empty
Size (L x W x H)	1,495 mm x 1,075 mm x 4,150 mm (59 x 42.5 x 163.5 in)
Hopper capacity	100 l (26 USgal) / 200kg (441 lb)

CE 2006/42/EC

Ex 2014/34/EU: II 3G IIA T3 (Optional)

OPERATION PARAMETER

Nozzle size	1.0 mm (0.04 in)
Maximum working pressure	2,400 bar (34,800 PSI)
Water flow	29.4 l (7.77 US gallon)/min
Hydraulic power at the nozzle	118 kw
Abrasive	HPX 80
Abrasive concentration	10 % (mass)
Cutting time with one filling abrasive	70 min

1 x SWITCH BOX

Weight	276.50 kg (610 lb) empty
Size (L x W x H)	862 mm x 1,272 mm x 1,239 mm (34 x 50 x 49 in)
Controller	SIMATIC HMI ET 200 S Touchpanel
HP water connections	Sitec M26 x 1.5, 9/16"-18 UNF LH
Electric Power	400V, 3 ~, 16 A - CEE
Pneumatic	DN 8, min. 8 bar (116 PSI), min. 100 l/min (4CFM)

CUTTING PERFORMANCE

- + mobile application
- + precise cutting device

In air for mild steel S355

2 in	7.2 in/min
6 in	1.5 in/min
12 in	3/8 in/min

CONNECTIONS

HP Water inlet	M26 x 1.5, 9/16"-18 UNF LH
HP Suspension outlet	M36 x 2 / M20 x 1.5 LH
Pneumatic supply	DN8, min 8 bar, 116 PSI, min 300l / min (11 CFM)
Fresh water supply	1/2", min 6 bar, 87 PSI, 50 l / min (13 USGal / min)



AMU > 700 bar