

# AMU SINGLE 2500-100



Most powerful Abrasive Mixing Unit made by ANT. Small footprint. Long cutting times. Hopper integrated, to be combined with High Pressure Pump. Updated version due to new industrial health- and safety-regulations.

[www.ant-ag.com](http://www.ant-ag.com)



## GENERAL INFORMATION

Maximum pressure	2,400 bar (34,800 PSI)
Pressure vessel	
Volume	100 l (26 US gallon)
Abrasive capacity	200 kg (440 lb)
Operation pressure valves	pneumatic
Weight	4,200 kg (9,260 lb) empty
Size (L x W x H)	1,495 x 1,075 x 4,150 mm (59 x 42.5 x 163.5 in)
Hopper capacity	100 l (26 US gal) / 200 kg (441 lb)

## 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

## 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 300 l/min (11 CFM)
Fresh water supply	1/2", min 6 bar, 87 PSI, 50 l/min (13 US gal/min)

## CUTTING PERFORMANCE

- + mobile application
- + precise cutting device

In air for mild steel S355

2 in	7.5 in/min
6 in	1.5 in/min
12 in	3/8 in/min

CE 2006/42/EC

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



AMU > 700 bar