

Air Knife Extra Mod.GM02 FLAT 2 nozzles

Air knives available with 2,4 or 6 nozzles , hard anodized aluminum or stainless steel 316L. The blowing force it is controlled by the thickness of the internal shims, it is enough to take shims out to reduce the blowing force or adjust it. Also air consumption and sound level can be adjusted very easily .Replace drilled pipes reducing dramatically noise level and air consumption. The nozzles can be opened easy for cleaning and maintenance contrary to competition's nozzles that most of the time get clogged . The shims inside the nozzles are made in stainless steel and provide a high resistance to mechanical wear. The standard nozzle used for these air knives it is with 0.28" gap. Custom made air knives are available on request at no additional cost.

Force adjustable at 5 Bars	11.6N	16N	21.5N
Air consumption at 5 Bars	58 Nm ³ /h - 108Nm ³ /h - 115 Nm ³ /h		
Sound level at 5 Bars	81dB(A)		
Blowing pattern	Flat		
Connection type	Female		
Back connection	3/8" x 1		
Sides connection	3/8" x 2		
Dimensions	100 mm x 82 mm x 25 mm		
Material	Hard anodised Aluminum or Stainless steel		
Shims	Stainless Steel		
Max operating pressure	10 Bar		

Benefits

Replace open pipe	6-10 mm
Cost saving for 5 working days*	£50.80
Noise reduction dB(A)	30 dB(A)
Air saving Nm ³ /h	127 Nm ³ /h
Meets the OSHA directives	yes
Meet the EU machine directives	yes
Advised to OEM's	yes

*Cost savings are calculated for 8 hours of continuous blowing on 5 days with a cost of 0.10 GBP to generate 1 Nm³/h.

Applications

Parts drying.
 Cleaning or drying web processes.
 Pre-paint drying and blow off
 Scrap removal.
 Parts cooling.
 Circuit board cooling.
 Use for environment separation with air curtain effect.
 Opening bags for filling
 Sheet separation.