

Airknife

MISTRAL SS1

- Acid and base resistant
- Cleaning, drying, separating and cooling with blown air
- Highest efficiency

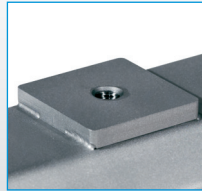
Air knives made of stainless steel (VA) are used in many manufacturing and packaging processes. Especially in areas where work is carried out with acids or bases and under high temperatures.

As in other industrial sectors the Ziegner + Frick MISTRAL SS1 air knife is used in the food and packaging

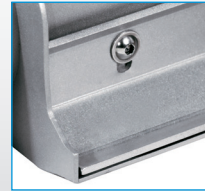
industry because of its extraordinary effectiveness and efficiency. This ensures a comprehensive purity for packing processes and consistently even drying of foods. It also enables the removal of acids, bases, oils, etc. from parts, components and surfaces in the plastic or metal processing industry.



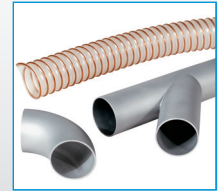
Drying after bottle cleaning

Air Technology
**Airknife
MISTRAL SS1**


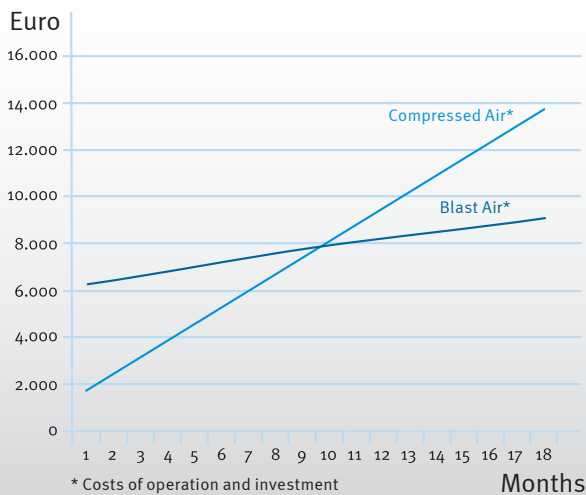
Welding plate



Nozzle



Accessories

Energy conservation

Air production: Powerful, rugged, safe, and especially quiet

Air production with quality side-channel compressors in many sizes and for a broad variety of requirements: flexible and powerful even in areas where up till now more sensitive dry-running rotation-slide compressors or rotary blowers (with a high noise level!) were more likely to be used.


Application examples

- Drying** removing water / liquids e.g. from cans, bottles, boxes, etc.
- Cooling** plastic products, metal parts, etc.
- Cleaning** removing production residues / chipping.
- Blowing out and off** dust removal during packaging processes.

Technical Data

Housing material:	V2A 1.4301
Lid:	V2A 1.4301
Pipe:	V2A 1.4301
Dimension:	90 x 70 mm
Mounting option:	Welding plate with 1 x M8 threading with 2 x M6 threading
Nozzle slot:	adjustable from 0.5 – 5.0 mm
Air connection:	Standard: L = left D = 60.3 mm Optional: R = right D = 60.3 mm

Data MISTRAL SS1

Mistral length 110 mm | nozzle slot 1 mm

P	Q	V	P	Q	V
Pressure in mbar	Volume in m ³ /h	in m/s	Pressure in mbar	Volume in m ³ /h	in m/s
10	33	56	110	88	134
20	44	63	120	95	140
30	55	73	130	100	145
40	53	82	140	104	150
50	58	93	150	106	156
60	65	101	160	112	160
70	74	110	170	117	162
80	76	117	180	121	168
90	78	124	190	125	175
100	81	127	200	134	180