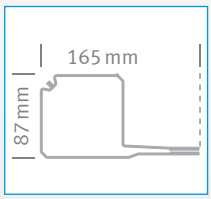
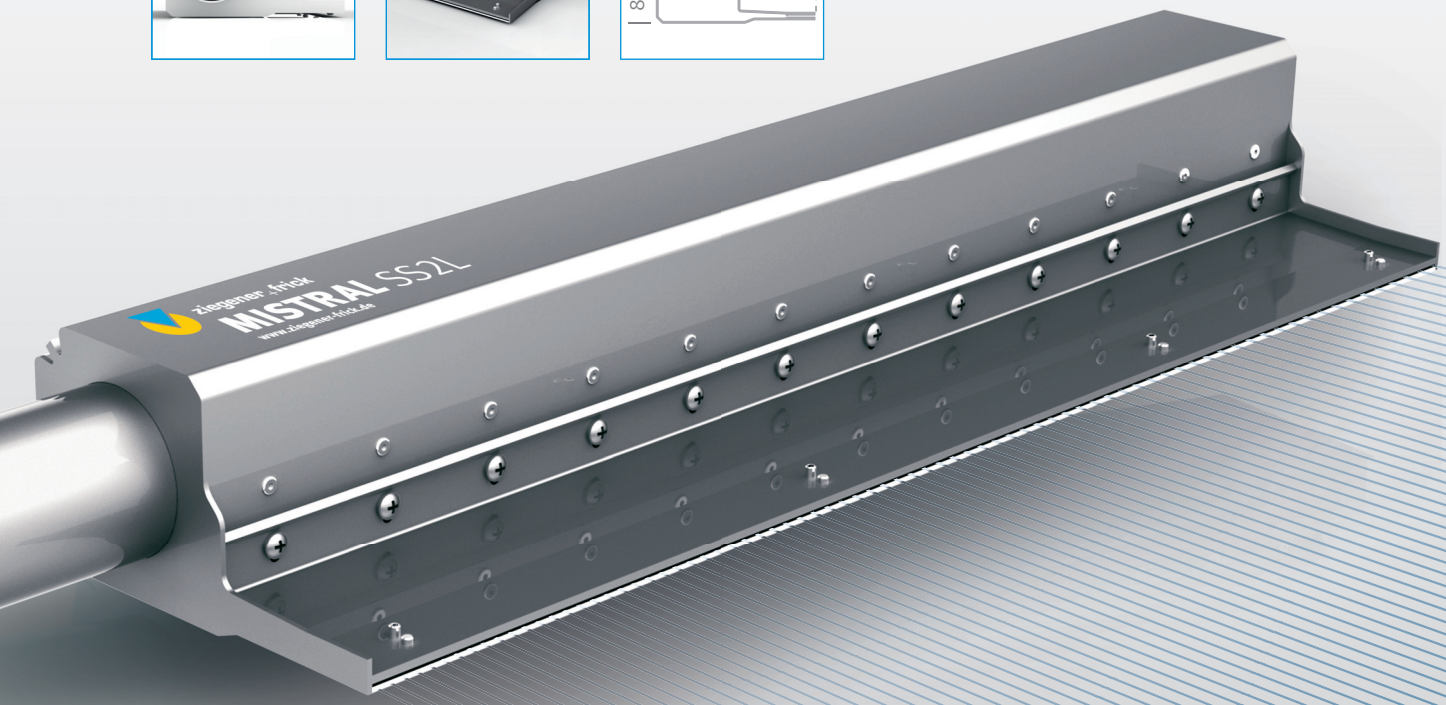
ziegener+frick





Airknife

MISTRAL SS2L

- Long nozzle for hard to reach spaces
- Cleaning, drying, separating and cooling with blown air

Air knives made of stainless steel (VA) are used in the food industry and in areas where work is carried out with acids or bases and under high temperatures. When the focus is on physical purity in packing processes, the uniform drying of foods, or when parts, components and surfaces must be freed from liquids in the plastic or metal machining, the Ziegener + Frick air knives are able to perform effectively and economically to the highest degree.

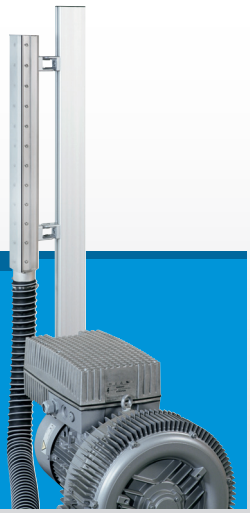
Drying / cleaning from the bottom on a roller conveyor

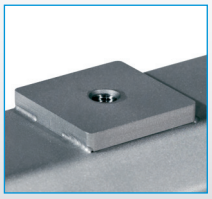
ziegener+frick

Air Technology

Airknife

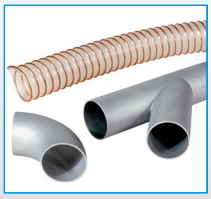
MISTRAL SS2L





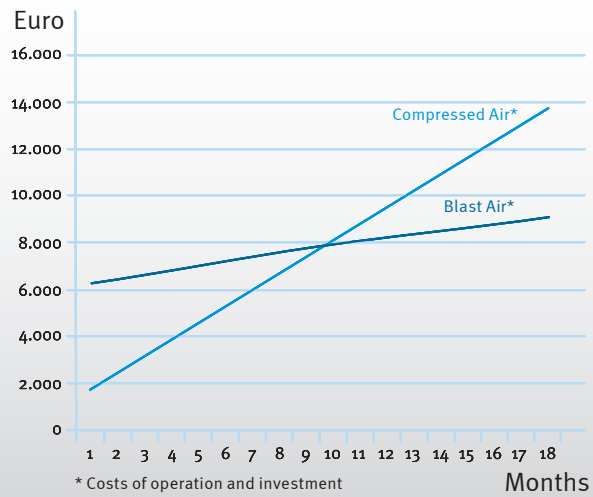
Welding plate

Nozzle



Accessories

Energy conservation



* Costs of operation and investment

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:	VA 1.4301
Lid:	VA 1.4301
Pipe:	VA 1.4301
Dimension:	165 × 87 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 H = rear D = 60.3 mm E = top D = 60.3 mm

Data MISTRAL SS2L

Mistral length 110 mm | nozzle slot 1 mm

P Pressure in mbar	**Q** Volume in m³/h	**V** in m/s	**P** Pressure in mbar	**Q** Volume in m³/h	**V** 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

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