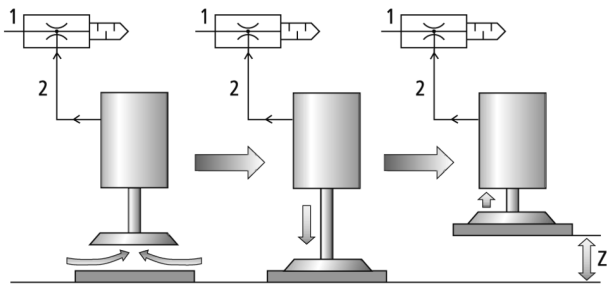
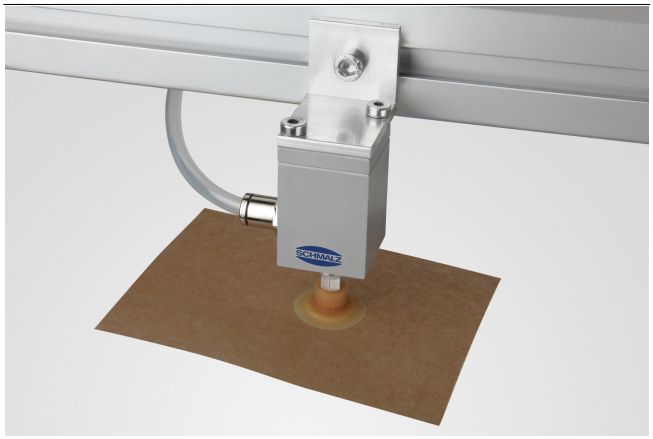
Vacuum Lifting Cylinders HS

Stroke 14 mm and 28 mm

Vacuum Lifting Cylinders HS



System design Vacuum Lifting Cylinders HS



Vacuum lifting cylinders HS being used for handling adhesive paper

Suitability for industry specific applications

Application

- Vacuum lifting cylinder for handling and separation of paper, veneer and similar thin, porous workpieces when mounted vertically

Design

- Lifting suction cup consisting of a piston rod and anodized aluminum housing
- In idle position, the piston rod is retracted
- Piston rod is extended, when vacuum is applied
- As soon as the suction cup touches the workpiece, the piston rod is retracted, lifting the workpiece before the "suck-through" effect is generated
- Delivery without suction cup

Product highlights

- Vacuum-actuated automatic stroke safely separates thin, air-permeable workpieces

Designation code Vacuum Lifting Cylinders HS

Contact Schmalz: J. Schmalz GmbH, Johannes-Schmalz-Str. 1 • 72293 Glatten • +49 7443 2403-105 • kundencenter@schmalz.de

Vacuum Lifting Cylinders HS

Stroke 14 mm and 28 mm

HS	–	14	–	22	–	M5-IG
1		2		3		4

1 – Abbreviated designation

Code	Version
HS	HS

2 – Stroke

Code	Stroke in mm
14…28	14 and 28

3 – Spring plunger length

Code	Spring plunger length in mm
22…32	22 and 32

4 – Connection

Code	Connection
M5-IG	M5-IG (IG = female (F))
G1/8-IG	G1/8-IG

Vacuum lifting cylinder HS is delivered as a ready to connect product with the desired properties. The delivery does not include a suction cup.

Ordering data Vacuum Lifting Cylinders HS

Type	Part no.
HS 14-22 M5-IG	10.01.07.00014
HS 28-32 G1/8-IG	10.01.07.00001

Technical data Vacuum Lifting Cylinders HS

Type	Holding force [N]	Air consumption [l/min]	Air consumption [m³/h]	Cycle time [s]	Weight [kg]
HS 14-22 M5-IG	3.5	33.3	2	0.8	1
HS 28-32 G1/8-IG	9.0	66.7	5	0.8	1

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