



NEW

Sack Gripper PSSG

The universal solution for lifting sacks quickly and efficiently

Whether paper, plastic or fabric sacks, tightly filled or with a low filling level: the new Sack Gripper PSSG from Schmalz reliably grips sacks of different geometries and optimizes your processes in manual and automated handling.



Flexible grip

Reliable handling of sacks of different materials and geometries



Long service life

The innovative sealing element ensures a longer lifetime than conventional foam rubber solutions and prevents contamination by particles



Modular design

The PSSG impresses with its low weight and easy integration thanks to the quick change functionality of the sealing element



Easy service

NFC tag for quick access to spare parts, accessories and helpful how-to videos

Sack Gripper PSSG

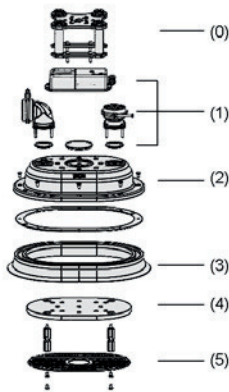
Dimensions from 290 x 215 mm to 405 x 305 mm

Applications

- Sack gripper with very low weight for handling paper, plastics and fabric sacks
- Handling of porous, bag-like workpieces and handling of sacks with a low fill level
- Use in the automated handling of sacks with industrial robots or cobots
- Use in manual sack handling applications with the JumboFlex and JumboErgo / JumboSprint tube lifters



Use for automated handling on a robot or manual handling using a vacuum tube lifter



System design Sack Gripper PSSG (version for automated handling)

Design

- The module (0) for the gripper connection to the robot is available in a rigid version or with floating attachment (height compensation)
- Hose connection (straight/angled) for the connection of an external vacuum generation or choice of an integrated vacuum generation using SEP nozzles (1)
- Lightweight housing made of fiberglass reinforced plastic (2)
- Innovative sealing element (3) made of FDA-compliant silicone or wear-resistant NBR
- Filter fleece (4) protects the system from contamination
- Adjustable support grid (5) prevents the sack packaging from being pulled in

Designation code Sack Gripper PSSG for automated handling

PSSG 1	–	M 2	–	405x305 3	–	NBR-60 4	–	M6-IG 5
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1 – Abbreviated designation

Code	
PSSG	

2 – Shape

Code	Version
M	External vacuum generation
X	Internal vacuum generation

3 – Suction area

Code	LxW in mm
290x215...	290x215 to
405x305	405x305

4 – Material

Code	Material
NBR-60	Nitrile rubber
SI-55	Silicone

5 – Connection

Code	Connection
M6-IG	M6-IG (IG = female (F))

Are you looking for a solution for manual sack handling?

Our handling experts will assist you in selecting the right solution consisting of a crane system, vacuum tube lifter and gripper. Contact us and we will be happy to provide you with a customized quote!