



Vacuum pad with ejector

ZHP Series +

RoHS

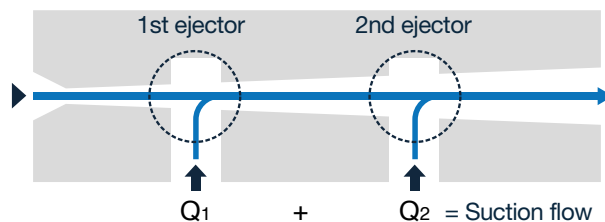
Ejector and pad are integrated.
Space saving and reduced piping labour!

MAIN FEATURES

50 % increased suction flow rate and 30 % reduced air consumption

Two-stage ejector, more efficient ejector.

2-stage ejector



Easier maintenance

Mounting with the lock plate reduces the pad replacement work step.

Ejector and pad integrated for compactness



ENERGY EFFICIENCY
DIGITAL SHEET



ZHP case study

An existing system generated vacuum beneath the robot and supplied it to the suction cups via hoses, causing delays in vacuum build-up and release. In addition, suction performance was insufficient. If a pad was unoccupied, air ingress caused vacuum loss, making cartons unstable and significantly reducing process reliability.

By implementing ZHP vacuum pads with integrated ejectors, along with pads equipped with vacuum safety valves, vacuum is now generated locally. This eliminates response delays, prevents vacuum drop in case of leakage, and ensures stable, reliable carton handling.

Key customer benefits:

- Operation speed optimisation.

Investment

2,000 €

Annual saving

5,200 €

ROI

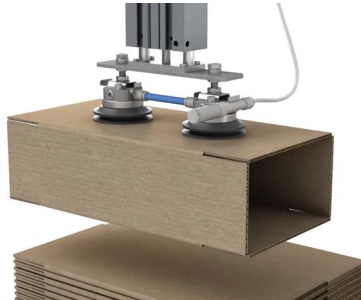
4.6 months

SELECTED PART NUMBERS

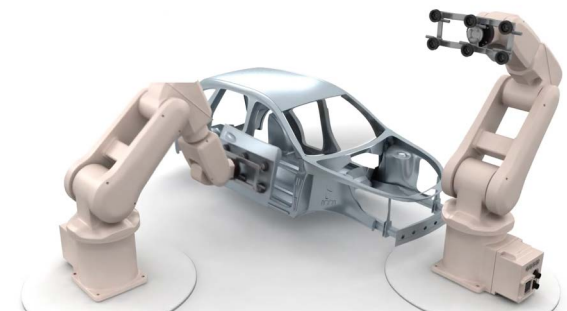
Part number	Pad Ø [mm]	Ejector nozzle Ø [mm]	Supply port Ø	Pad type
ZHP63BMNA-07C4S	63	0.7	4	NBR bellows type with groove
ZHP63BMNA-10C4S		1		
ZHP63BMNA-12C4S		1.2		
ZHP63BMNA-15C4S		1.5		
ZHP80BMNB-07C6S	80	0.7	6	
ZHP80BMNB-10C6S		1		
ZHP80BMNB-12C6S		1.2		
ZHP80BMNB-15C6S		1.5		

APPLICATIONS

Suitable for handling applications such as case packer



Suitable for handling applications for automotive industry



Suitable for handling applications such as robot handling, palletizing



Discover more

