

PRESS INFORMATION

Ease your vacuum generation with SMC

Johannesburg, South Africa, March 2016

In response to increasing demand for integrated vacuum generation systems, SMC has launched its new Series ZHP vacuum pad with ejector. An energy efficient single compact unit, the ZHP can be easily mounted in confined spaces due to its innovative design that removes the need for further components, making it simple to order and maintain.

The vacuum unit features an innovative lock-plate structure that allows easy one-touch replacement of the pad. This means that pads can be easily attached and detached for disposal, minimising maintenance. The use of an enhanced two-stage ejector improves vacuum generation efficiency, delivering an increase in suction flow rate of 50 % and a reduction of air consumption of 30 %.

Brain Abbott, Product Manager at SMC Pneumatics South Africa elaborates that “the ZHP Series has been designed to make life as simple as possible for our customers. Thanks to its innovative design and ease of use, we have achieved that and more and initial feedback from our customers has been very positive.”

According to Abbott, the ZHP offers a trio of vacuum port locations which provide a variety of connections for other equipment, like pressure sensors, and creates the opportunity for daisy-chain piping, allowing for multiple devices to be connected in sequence, reducing piping requirements.

The ZHP has further design qualities, including a through-hole silencer that significantly reduces noise levels and the risk of clogging. To improve its life span and reduce the risk of contamination, SMC has also included a strainer that prevents foreign matter from entering the pad suction port. The ZHP can be adapted for a range of applications, making it ideal for a variety of uses including robot handling in palletising, sheet metal working in the automotive industry or case packers.

For more information on the ZHP Series, visit the SMC new product page:

www.smc Pneumatics.co.za

Photo:

Brian Abbott – Product Manager SMC Pneumatics
ZHP Series from SMC Pneumatics

Note: Statistics in this press release (paragraph 2) are compared to that of SMC’s single stage projector

Notes to editors:

About SMC: SMC Corporation are the world leaders in pneumatic technology and are experts in automation control. Formed in Japan in 1959, the company now offers over 12,000 basic products with 700,000 variants. SMC Pneumatics (South Africa) Pty Ltd was formed in 2015 and operates from its Johannesburg located headquarters. The company employs over 22 000 people worldwide and is situated in 83 countries. SMC is the world’s leading

pneumatics provider and has been voted for three consecutive years as one of the most innovative global companies by leading business magazine, Forbes

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