

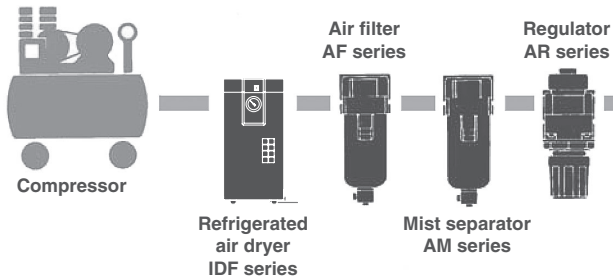


Overview of vacuum equipment

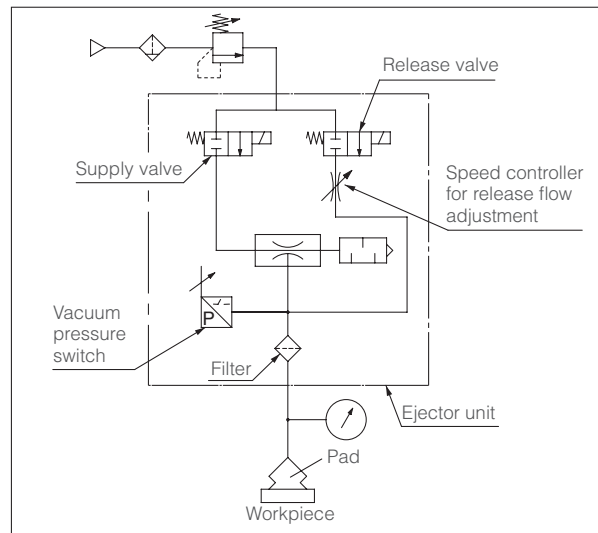
Adsorption transfer system by ejector

Ejector module system

Equipment (ejector supply valve, release valve, throttle valve, vacuum pressure switch, and filter) that is needed for the ejector adsorption transfer system has been integrated to achieve efficient assembly work and a compact design.

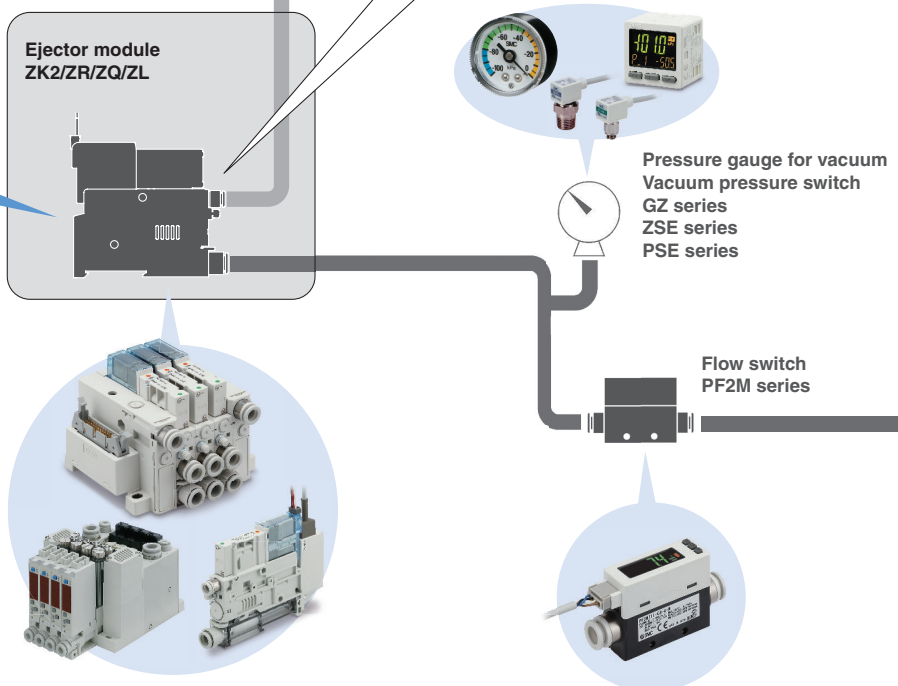


Ejector module/Circuit



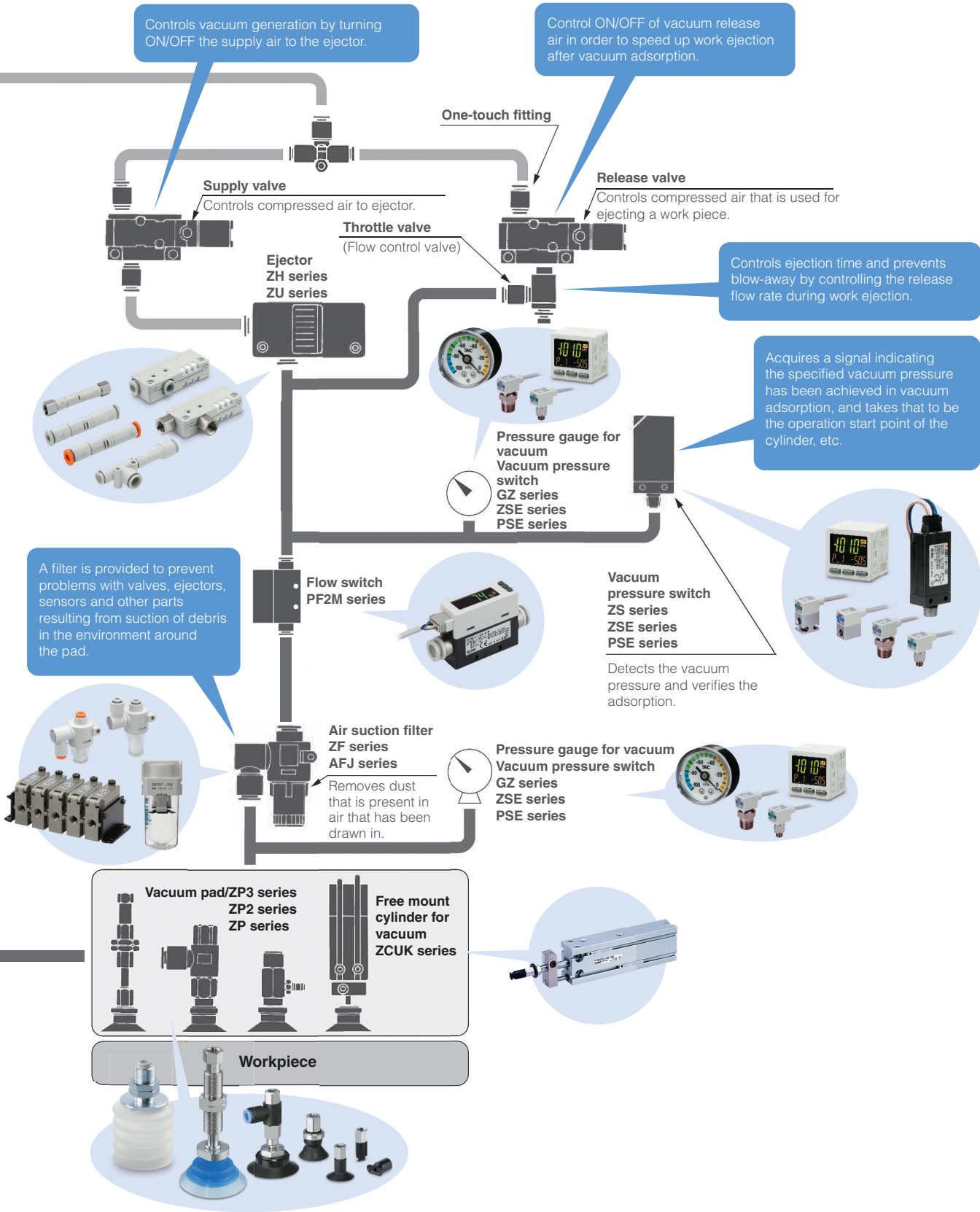
Ejector module ZK2/ZR/ZQ/ZL

For the ZK2, ZR, ZQ and ZL, the combination of single units at right can be integrated into a unit.



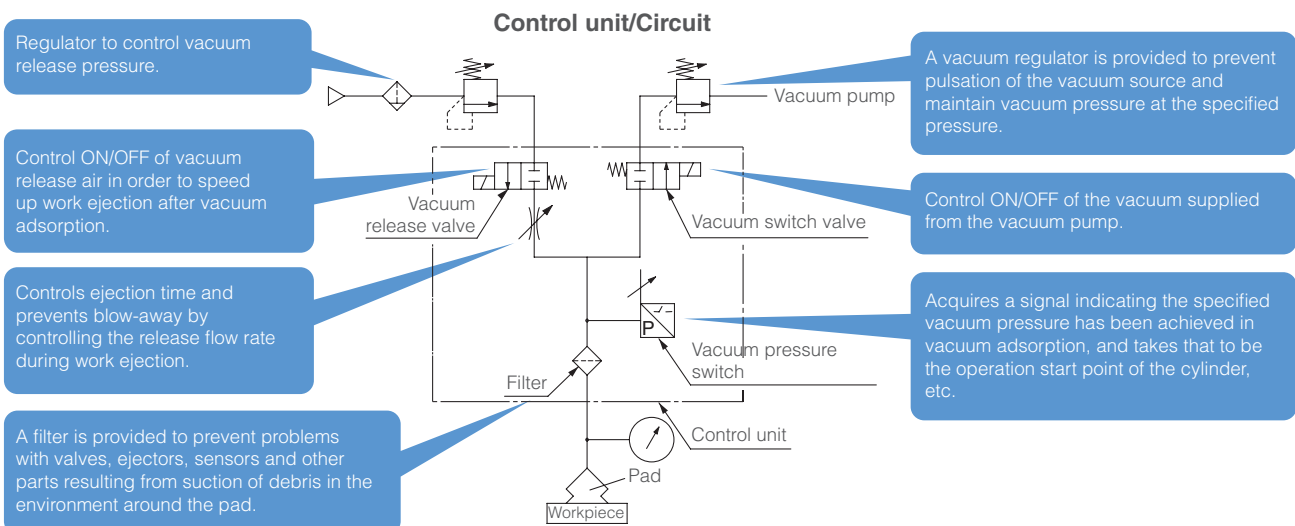
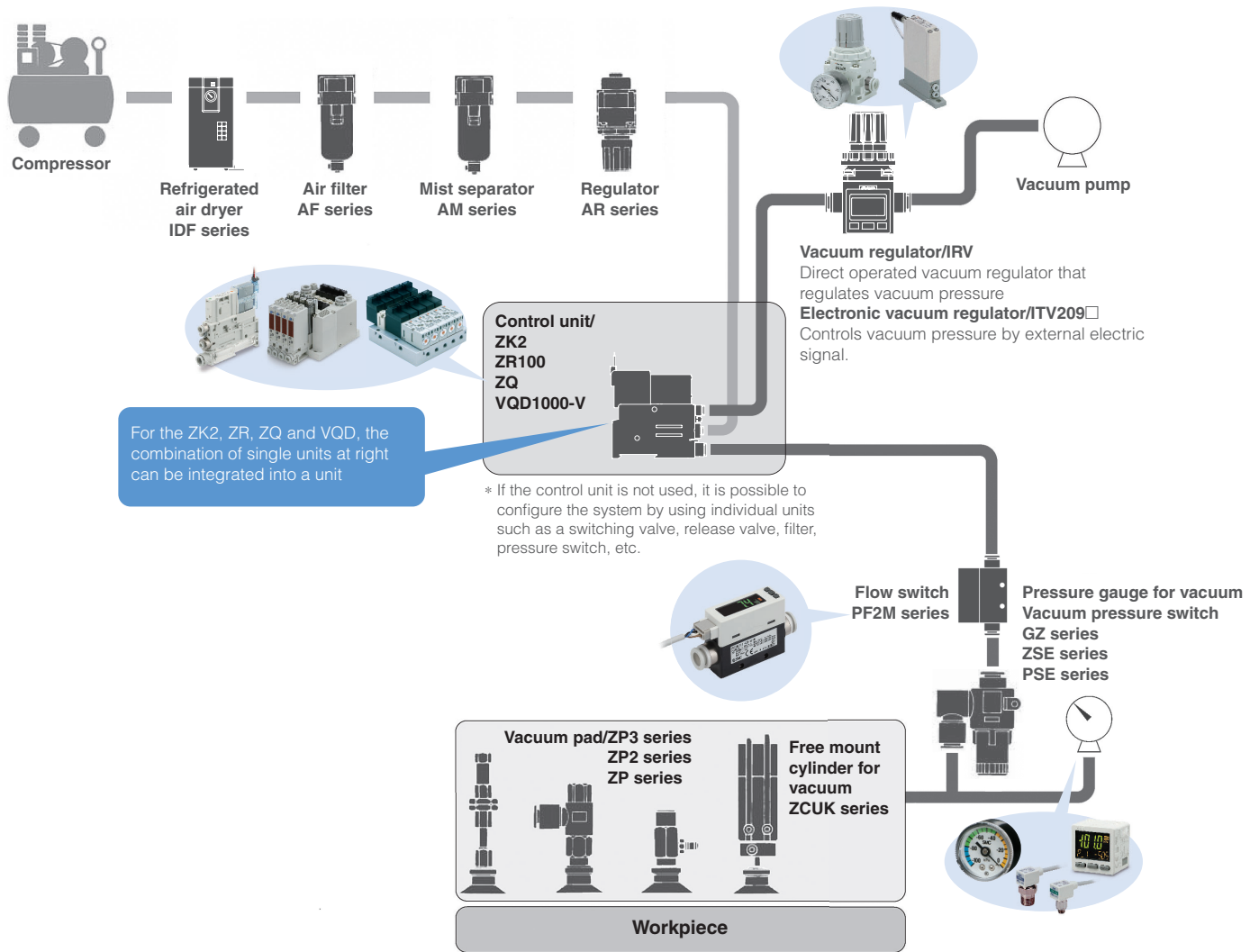
Single unit system

Equipment such as an ejector is configured as an individual unit. Thus, it is possible to create a flexible system configuration in which the circuit composition and the mounting locations can be selected as desired.



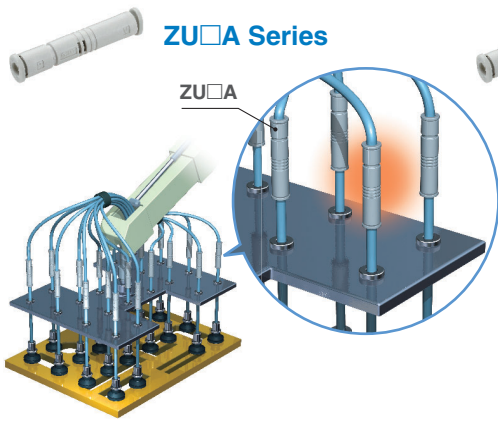
Adsorption transfer system for vacuum pump

Equipment (vacuum switching valve, release valve, throttle valve, vacuum pressure switch, and filter) that is needed for controlling the vacuum pressure has been integrated to achieve efficient assembly work and a compact design.

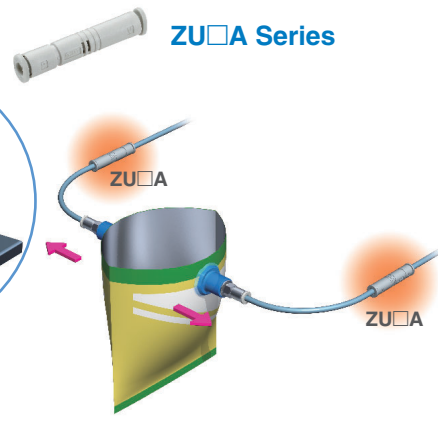


Applications

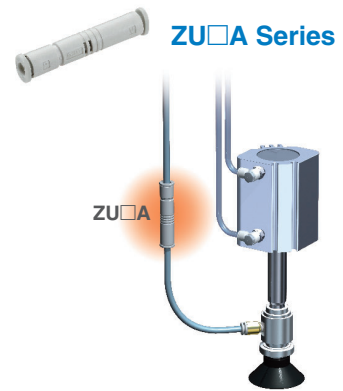
Vacuum ejectors/Vacuum pump systems



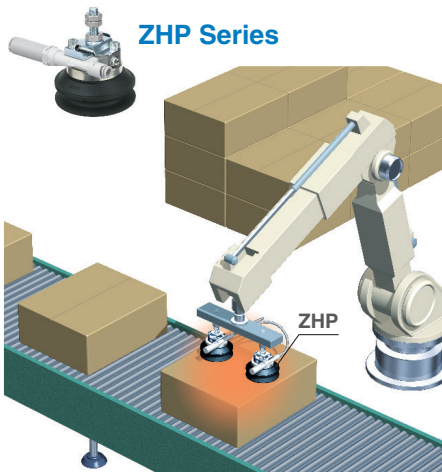
- Numerous pads can be used to adsorb workpieces with holes.



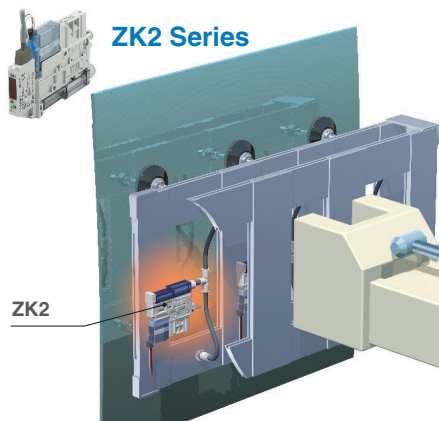
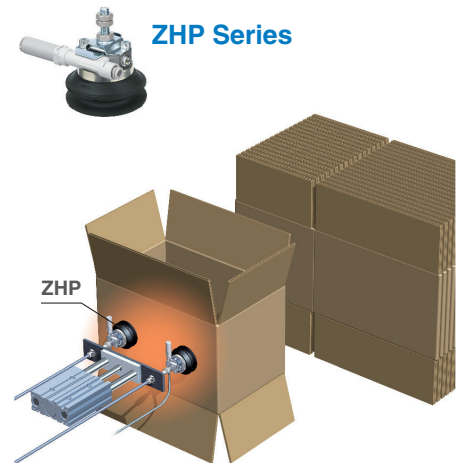
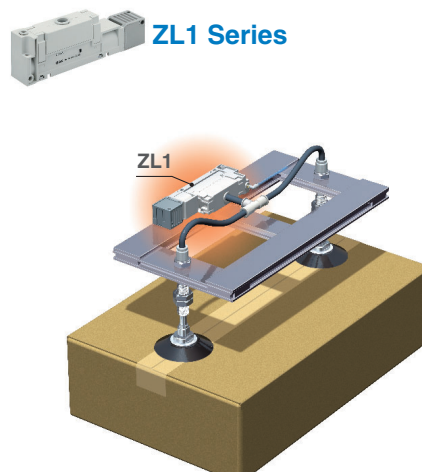
- For opening and closing plastic bags



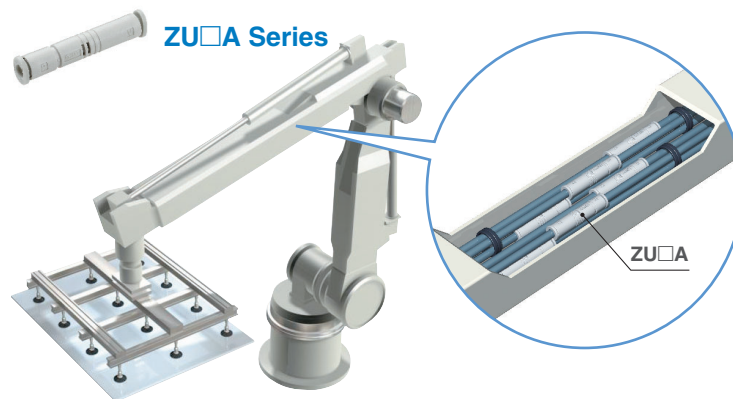
- For mounting on the end of a Z-axis air cylinder



- For the adsorption of cardboard

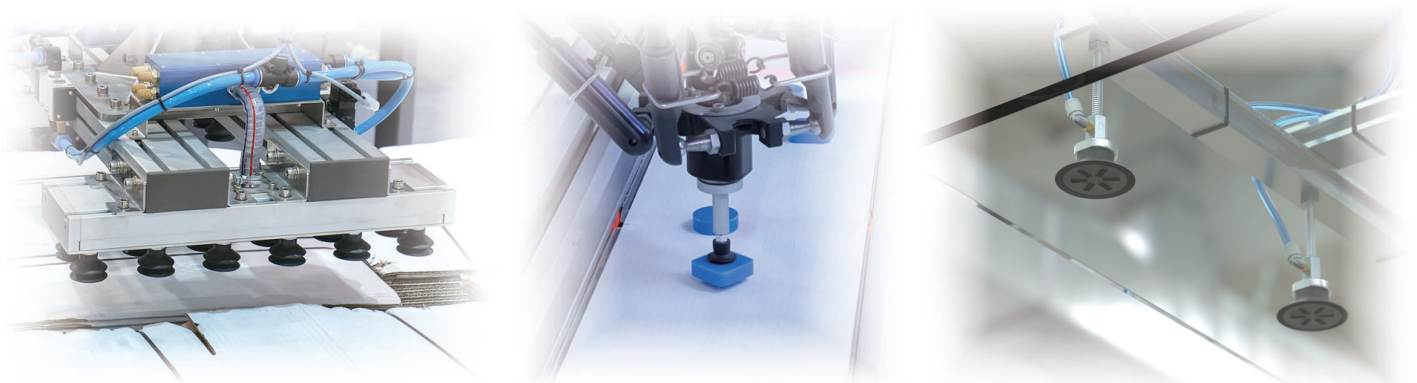
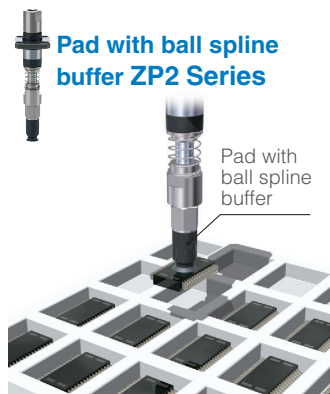
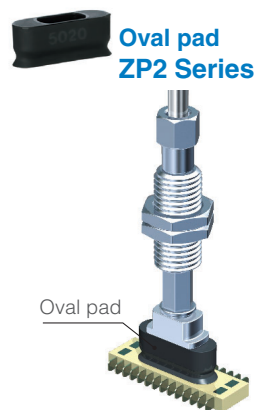
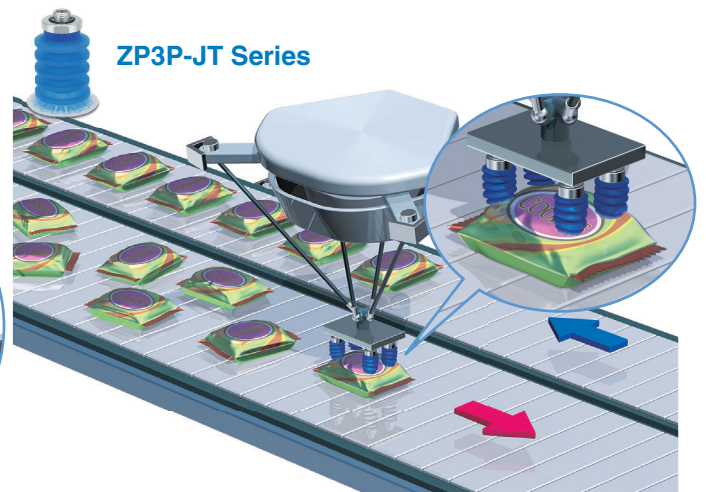
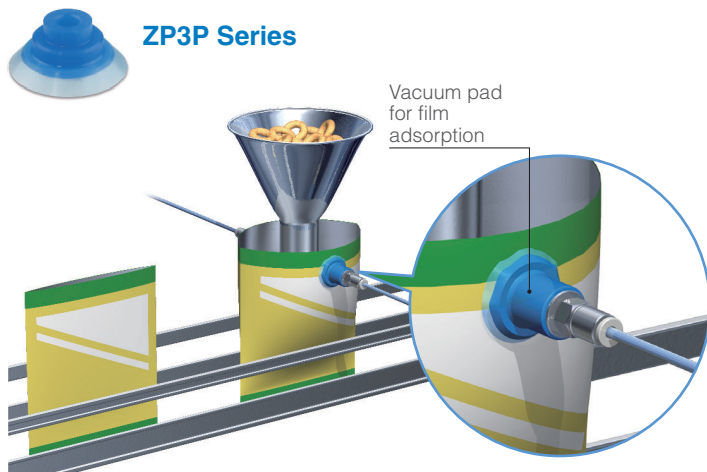
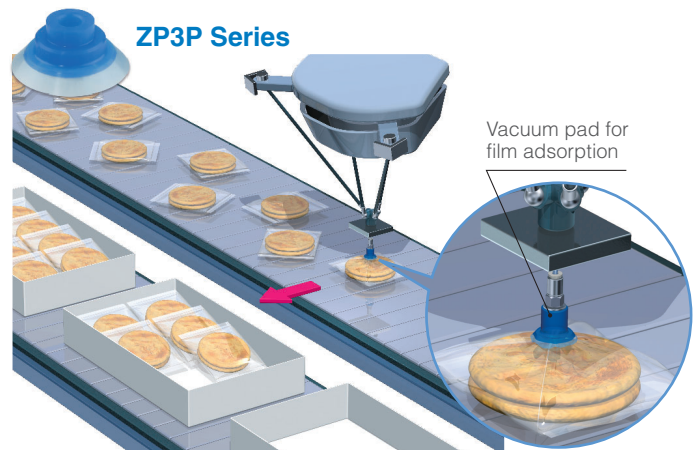
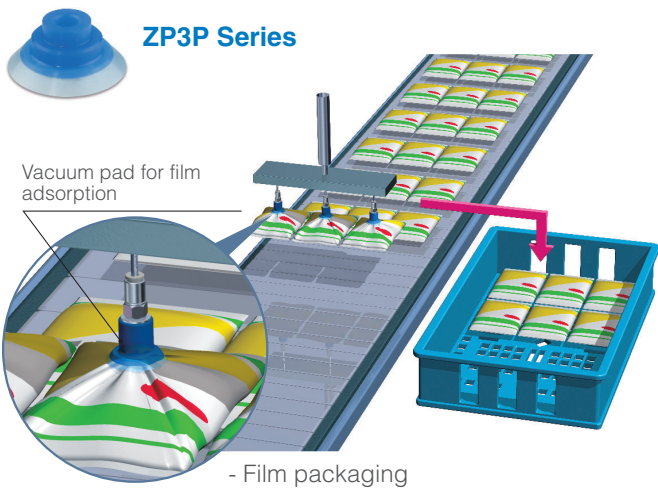


- For the adsorption of steel plates and other metal objects

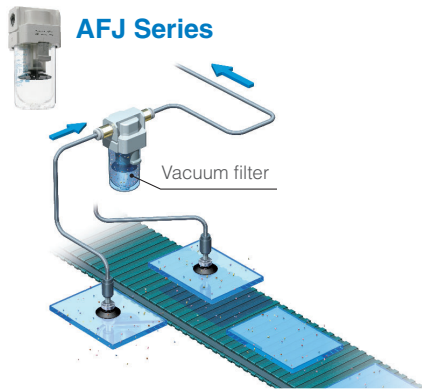


- For the adsorption of glass

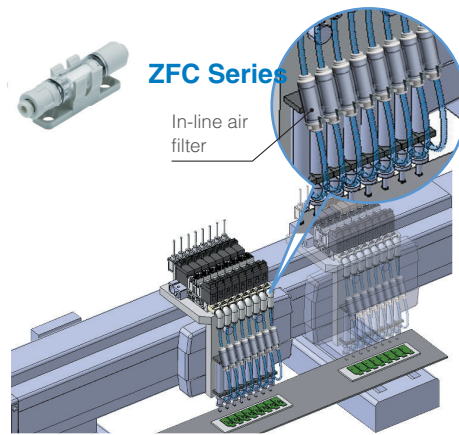
Vacuum pads



Air suction filters



- For the prevention of problems with vacuum equipment!



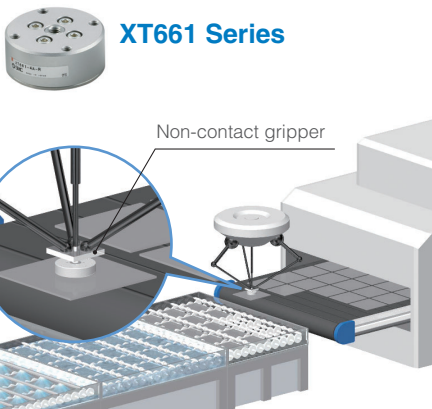
- For the protection of equipment in dusty environments

Vacuum saving valves



- Can restrict the reduction of vacuum pressure even when there is no workpiece

Special Pads Non-contact pad

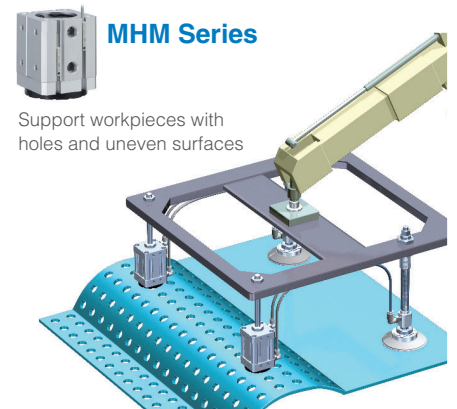


- Solar battery cells



- Circuit boards with holes

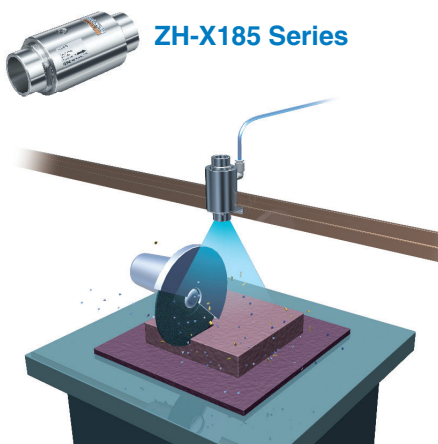
Magnet gripper



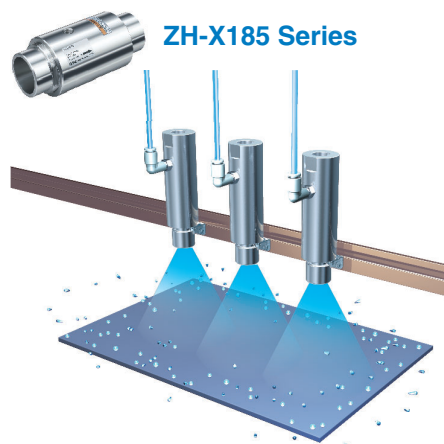
Support workpieces with holes and uneven surfaces

- Steel plates can be transferred without vacuum

Vacuum flow equipment



- Blow: Blowing away water droplets



- Blow: Water droplet removal



- Improved responsiveness due to large flow rate
- For the adsorption transfer of workpieces with leakage

- Vacuum: Adsorption transfer

⚠ Caution

The applications described here are for reference purposes only. Therefore, the system function is not guaranteed. For actual use, please conduct thorough evaluation and validation testing in order to determine the feasibility under your actual operating conditions.

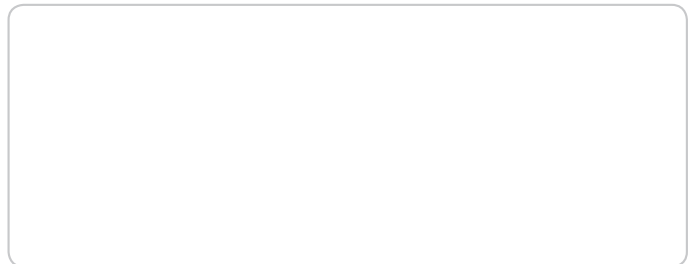
* The body is made of aluminium. Take corrosion into consideration during liquid collection, and take wear caused by the workpiece into consideration during transfer/ collection.



Expertise – Passion – Automation

SMC Corporation

Akihabara UDX 15F, 4-14-1
Sotokanda, Chiyoda-ku, Tokyo 101-0021, JAPAN
Phone: 03-5207-8249
Fax: 03-5298-5362



Austria	+43 (0)2262622800	www.smc.at	office@smc.at	Lithuania	+370 5 2308118	www.smclt.lt	info@smclt.lt
Belgium	+32 (0)33551464	www.smc.be	info@smc.be	Netherlands	+31 (0)205318888	www.smc.nl	info@smc.nl
Bulgaria	+359 (0)2807670	www.smc.bg	office@smc.bg	Norway	+47 67129020	www.smc-norge.no	post@smc-norge.no
Croatia	+385 (0)13707288	www.smc.hr	office@smc.hr	Poland	+48 222119600	www.smc.pl	office@smc.pl
Czech Republic	+420 541424611	www.smc.cz	office@smc.cz	Portugal	+351 214724500	www.smc.eu	apoioclientept@smc.smces.es
Denmark	+45 70252900	www.smc.dk.com	smc@smcdk.com	Romania	+40 213205111	www.smcromania.ro	smcromania@smcromania.ro
Estonia	+372 6510370	www.smcpcneumatics.ee	smc@smcpcneumatics.ee	Russia	+7 8123036600	www.smc.eu	sales@smcru.com
Finland	+358 207513513	www.smc.fi	smcfi@smc.fi	Slovakia	+421 (0)413213212	www.smc.sk	office@smc.sk
France	+33 (0)164761000	www.smc-france.fr	info@smc-france.fr	Slovenia	+386 (0)73885412	www.smc.si	office@smc.si
Germany	+49 (0)61034020	www.smc.de	info@smc.de	Spain	+34 945184100	www.smc.eu	post@smc.smces.es
Greece	+30 210 2717265	www.smchellas.gr	sales@smchellas.gr	Sweden	+46 (0)86031200	www.smc.nu	smc@smc.nu
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