

Rich variations
Select according to the
size of the workpiece

How to order

COP-20

Cup diameter (mm)

20	φ20
40	φ40
60	φ60
80	φ80
100	φ100

How to order option

●Anti-slip damper
COP-20 G

Cup diameter

20	COP-20
40	COP-40
60	COP-60
80	COP-80
100	COP-100

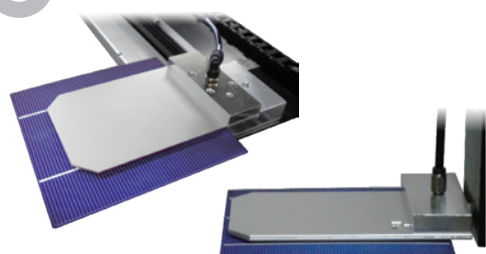
Note)
When using COP with
damper, there will be
contact between the
cup and the workpiece.

Specifications

Reference	unit	COP-20	COP-40	COP-60	COP-80	COP-100
Fluid		Non-corrosive/non-inflammable gas				
Port thread		M5	Rc1/8	Rc1/8	Rc1/4	Rc1/4
Operating pressure range	MPa	0.15 ~ 0.5				
Operating temperature range	°C	without freezing				
Lifting force	N	1.3	5.1	8.5	24.5	39.2
Air consumption	ℓ /min(ANR)	79	114	133	242	242
Mass	g	13.5	59	102	171	230

Lifting force and air consumption values in above table are effective when air supply pressure is set at 0.5 MPa and in the case of flat item suction.

Made to order



Thin vacuum hand

Size: 165x100x2.5mm
Application: film,PCB,glass etc



Hand for wafer

Size: for 6 inch, for 8 inch
Application: wafer



Hand for PCB

Size: 360x50x8.8mm
Application: PCB, thin work piece

*Specifications may change without prior notice.

*How to use,notes please refer to the catalog and instruction manual

 **CONVUM**
Myotoku Ltd.

Head office

2-6-18 Shimomaruko, Ohta-ku, Tokyo 146-0092, Japan
TEL 81-3-3759-1491 FAX 81-3-5741-7020

Overseas Dept.

Esashi core industrial park, 10-5 Mastunagane, Iwayadou, Esashi-ku, Oshu, Iwate, 81-23-1101, Japan
TEL 81-197-35-8370 FAX 81-197-35-8371

MYOTOKU CONVUM CHINA CO.,LTD.

4/FC,16#Building,No.129 North Fute Road,China (Shanghai) Pilot free trade zone
TEL 86-21-52712075 FAX 86-21-52712073 Web: http://www.convum.com.cn/

CONVUM KOREA Ltd.

1204,KCC WELLTZ GASAN-DONG,GEUMCHEON-GU, 470-8 SEOUL,KOREA
TEL 82-2-6111-8007/8008/8009 FAX 82-2-6111-8006

CONVUM(THAILAND) CO.,LTD.

No.1 MD Tower, 11Fl, Zone B, Soi Bangna-Trad 25, Bangna, Bangkok, 10260
TEL 66-2-769-5851 FAX 66-2-769-5853

<https://www.convum.co.jp/en/>

「CONVUM」 is the brand name of MYOTOKU

Non-contact cup

COP series



RoHS

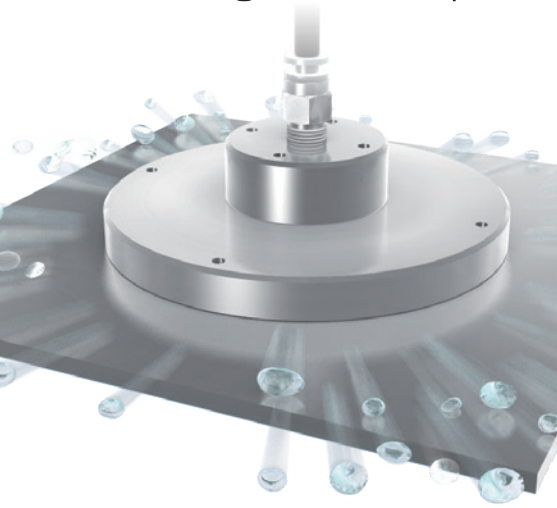
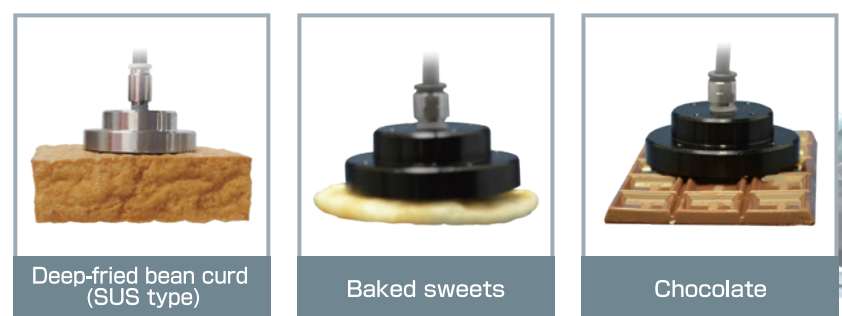


Non-contact cup COP



Adsorbs various foods, making use of COP' S characteristics.

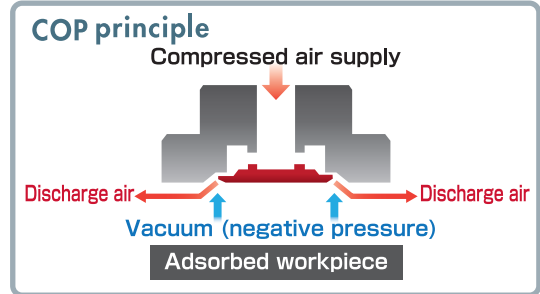
The body made of stainless steel (SUS) can be washed and always kept clean.
Adsorbs workpiece while removing water from their surface owing to the adsorption characteristics of COP.



Carries workpieces without contacting with them according to Bernoulli' s theorem.



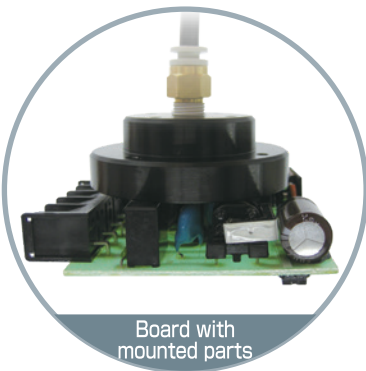
Carries workpieces without giving adsorption traces or damages to them.



Adsorbs bumpy workpiece.

Adsorbs workpiece that cannot be adsorbed with adsorbing cups due to air leak.

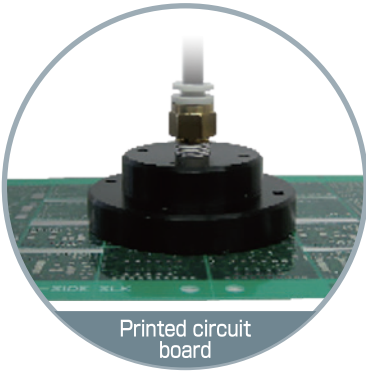
※Contacts with a workpiece partly while adsorbing it, since the workpiece is bumpy.



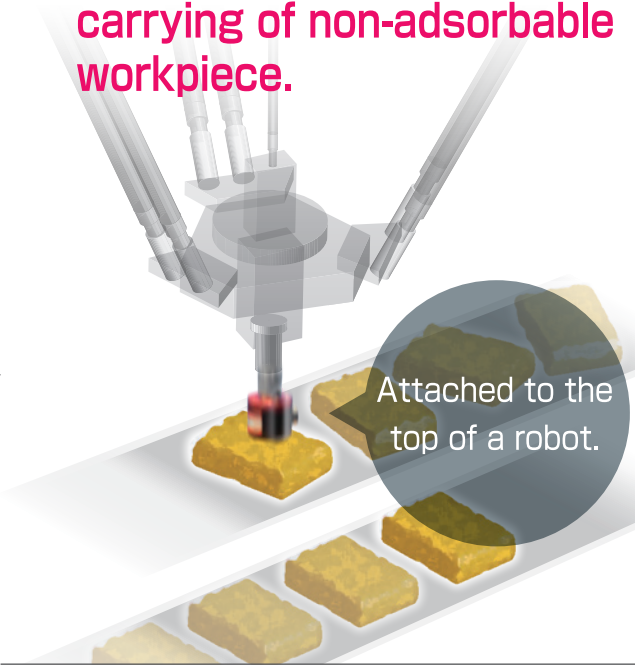
Adsorbs porous workpiece.

Adsorbs workpiece that cannot be adsorbed with adsorbing cups due to air leak.

※Contacts with a workpiece partly while adsorbing it, if the workpiece is bumpy.



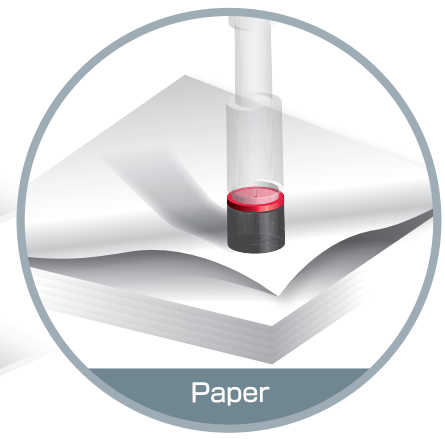
Capable of high-speed carrying of non-adsorbable workpiece.



Attached to the top of a robot.

Carries workpiece without making adsorption traces.

Thin film Aluminum Paper



Effective to prevent taking two sheets of overlapped films or paper.



Anti-sliding damper

Can contact a workpiece partly if an anti-sliding damper is stuck and accordingly carry it without sliding.



Anti-sliding damper is used.

Work-holding guides

Has threads at four position on the top of the body. Work-holding guides can be attached.



Work-holding guides are used.

