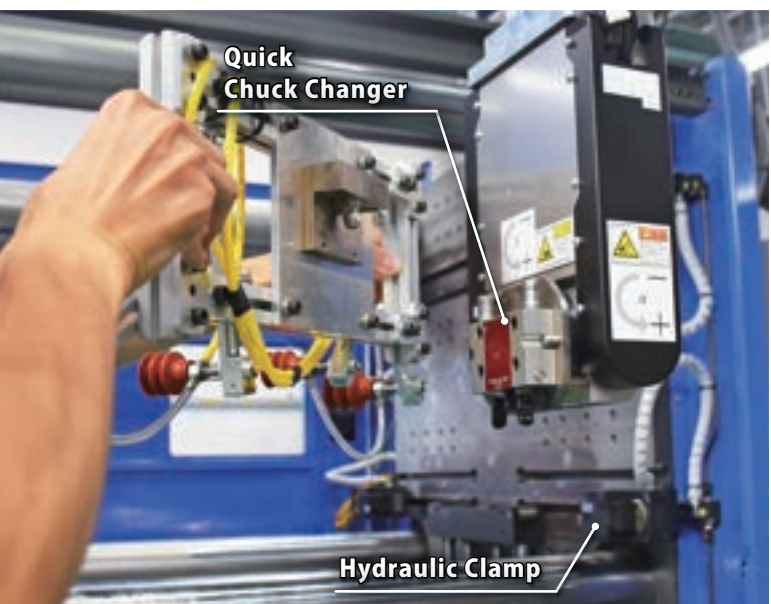
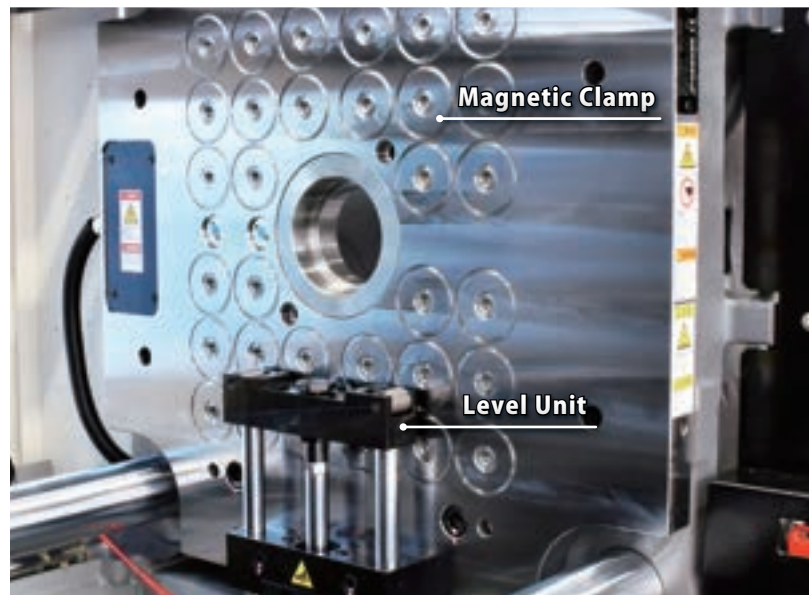
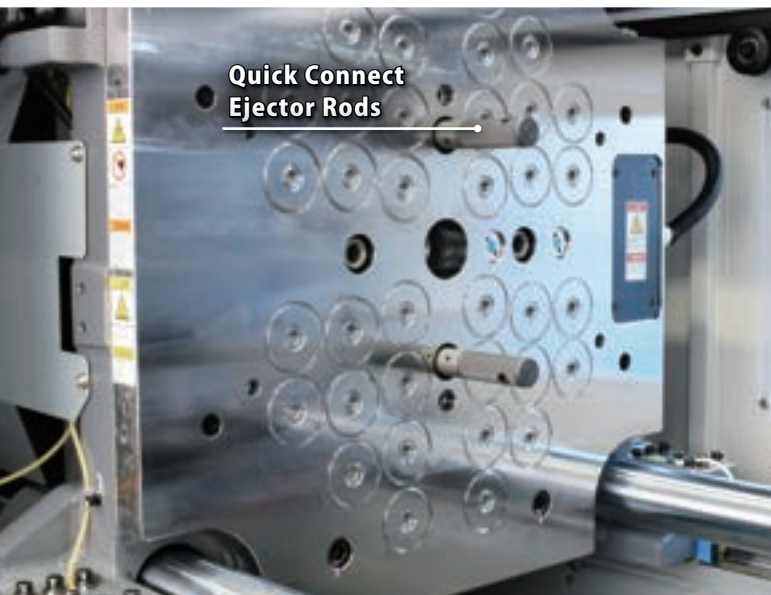


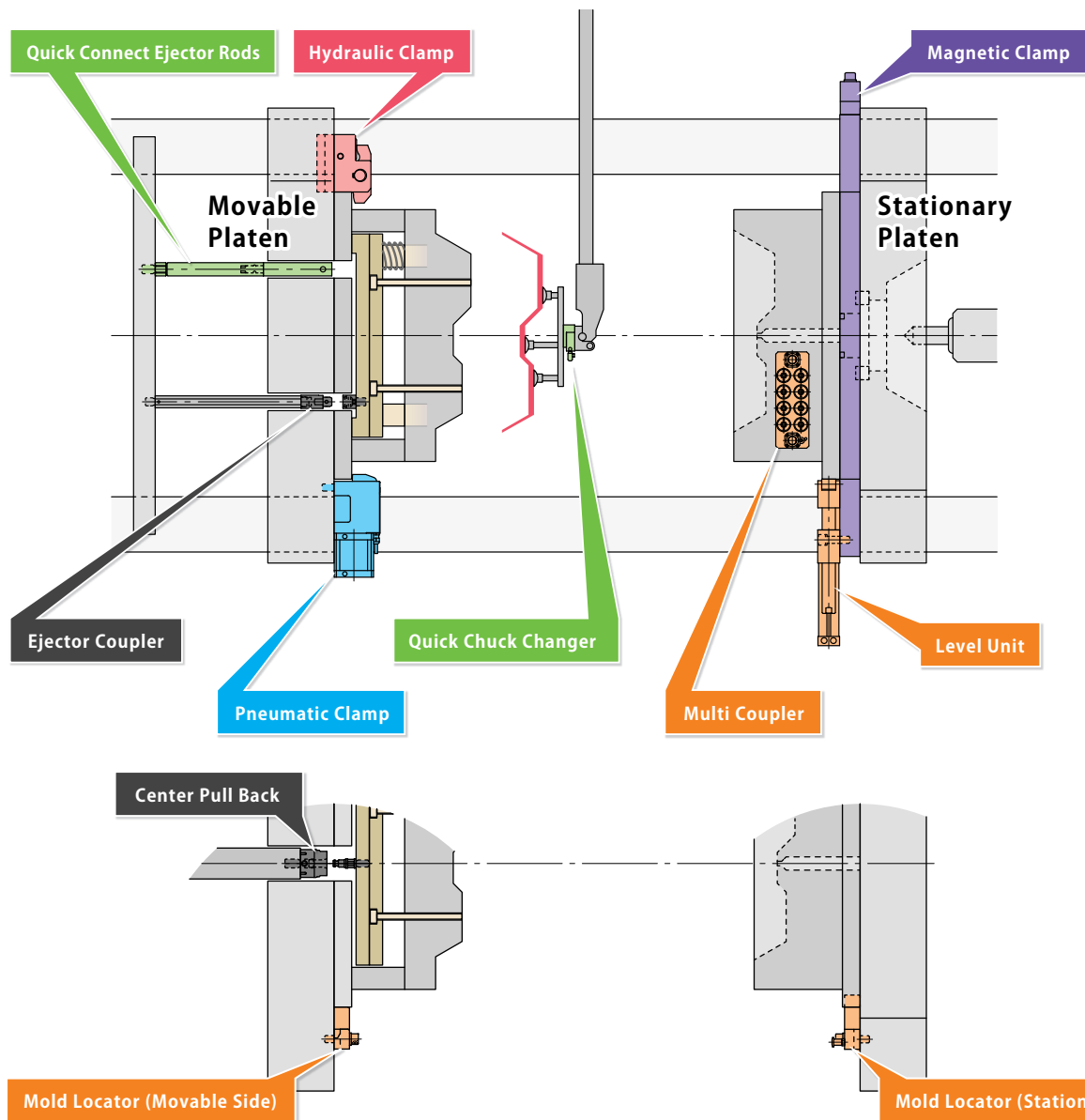
KOSMEK

Complete Auxiliary System



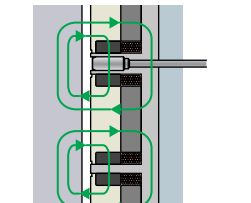


For Injection Molding Machine



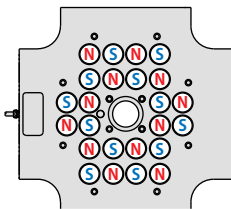

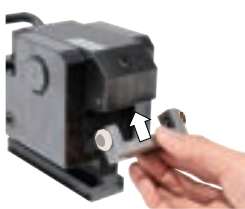
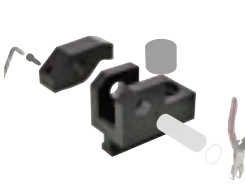
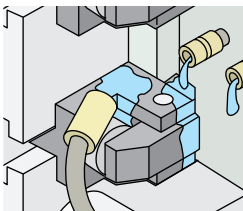
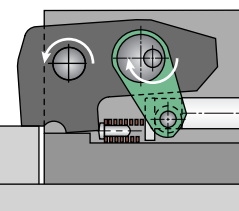
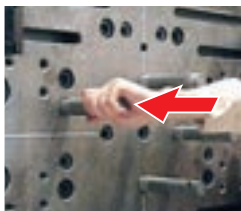

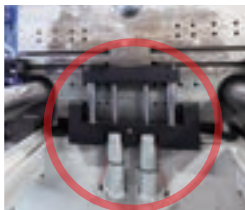
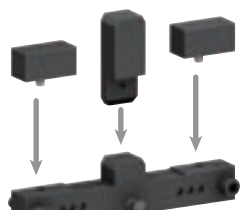
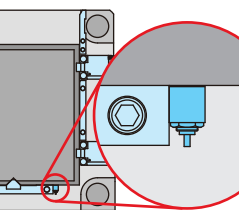



QUICK MOLD CHANGE SYSTEMS



- INDEX -

Quick Chuck Changer ▶ P.03	Magnetic Clamp MIMS Multi Information Monitoring System ▶ P.05	DMS Double Monitoring System ▶ P.06	Lightning Controller ▶ P.07	Metal Surface ▶ P.08
Changing Chuck Plate without any tools!	Invisible Magnetic Forces Visually Digitized!	Ensures Safety by Magnetic Pole and Proximity Switch	Cuts Power Consumption by 50% !	Long-term Protection from Contaminants and Liquids!
				

Magnetic Clamp Maintainability ▶ P.09	35 mm Thin Plate ▶ P.09	Bi-Directional Magnetic Circuit ▶ P.10	T-Slot Automatic Slide Clamp Incomplete Detection ▶ P.11	Hydraulic Auto Clamp Long Stroke & Lever Spacer Model ▶ P.12
Each Magnetic Core is Replaceable!	Even Thinner!	Highly Reliable Magnetic Force!	Prevents clamping error due to wrong molds!	Available for various mounting plate thickness!
				
Hydraulic Auto Clamp Maintainability ▶ P.13	Anti-Rust Model ▶ P.14	Pneumatic Auto Clamp ▶ P.15	Quick Connect Ejector Rods ▶ P.16	Multi Coupler ▶ P.17
Easy maintenance for everyone!	Rust prevention due to dripping of process water!	Stable operation by rotating function!	Changing Ejector Rod without any tools!	Quick Connection of Multi Coupler!
				
Level Unit ▶ P.18	Mold Locator ▶ P.19	Support Block with mold detection switch ▶ P.20	Mold Change Cart ▶ P.21	
Adjusts the level just by loading a mold!	No Locating Ring Required for Mold Positioning!	Mold Detection Switch to Prevent Mold Drop	Mold change carts are also available!	
				

Company
Profile
▶ P.23



PRODUCT INFORMATION

KOSMEK Website : QMCS

<https://www.kosmek.co.jp/english/products/qmcs/>



PRODUCT INQUIRY

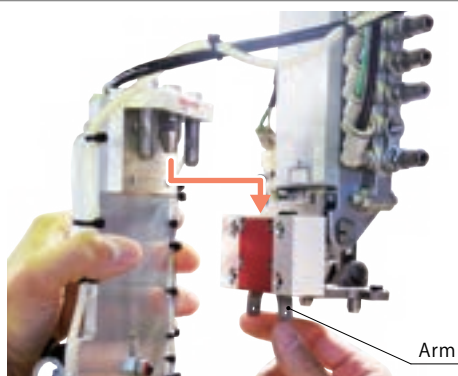
Catalog Request • Product Inquiry

https://www.kosmek.co.jp/php_file/inquiry.php?lang=2



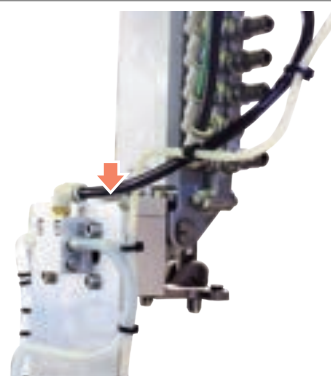
Quick Chuck Changer PAT.P.

Simple and Quick Change of Chuck Plate to Reduce Setup Time



Push in the chuck plate to the end of the picker robot.

※ No need to pinch the arms when connecting. It can be connected even when holding the chuck plate with both hands.

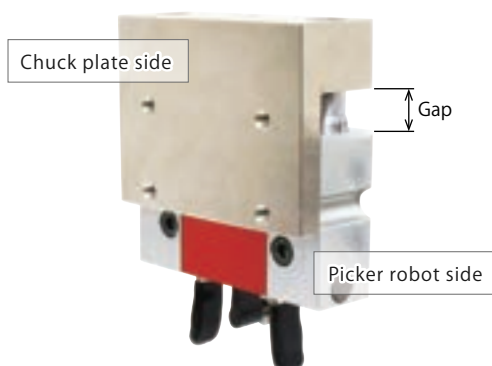


Connection is completed **without any tools.**

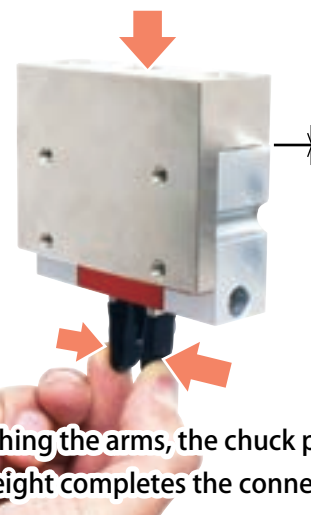
No tools required, reducing setup time. It eliminates the need to pick up or search for tools.

※ Common for SXQ0030 and SXQ0150.

▼ OR ▼



Put the chuck plate on the end of the picker robot.



By pinching the arms, the chuck plate's own weight completes the connection.

※ Common for SXQ0030 and SXQ0150.



APPLICATION EXAMPLE VIDEO

https://www.kosmek.co.jp/php_file/video_products.php?id=164&lang=2

with Locating Function

Repeatability
0.05mm※1

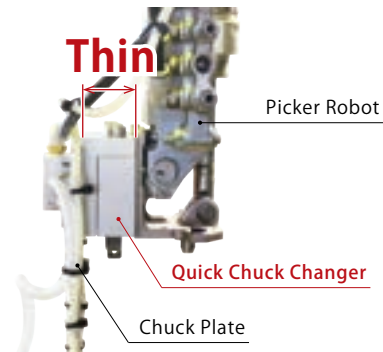
※1. Repeatability : 0.1mm
for SXQ0150 (Payload : 15kg)

- **Adjusting** the mounting position of the end of arm tooling is **not required**.
- **No need to teach** the picker robot **again**.

Drastically reduce setup time!

Direct mounting is possible for some picker robots.

Adapter plate is not required, so the thickness of changer part can be minimized.



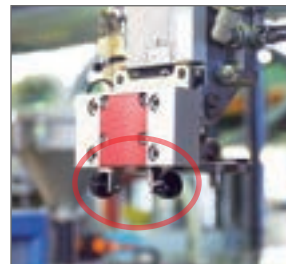
- Features : **SXQ0030 (Payload : 5kg)**

Releasing arms can be customized for more flexible use.※2

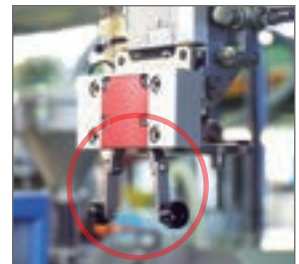
In case it is hard to reach releasing arms due to the shape of a chuck plate, they can be customized by mounting attachments to extra tapped holes for more flexible use.

(Attachments should be mounted by customer.)

※2. Available only for SXQ0030 (Payload : 5kg) .



Ex. 1) Making arms thicker so that it is easier to push.

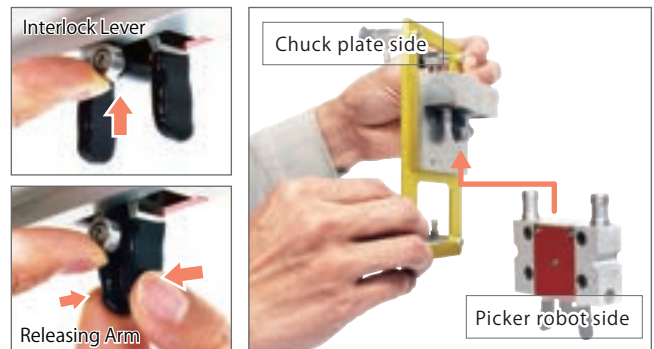


Ex. 2) Making arms longer so that it is easier to reach.

- Features : **SXQ0150 (Payload : 15kg)**

The chuck plate can be removed with both hands for safety.※3

The interlock lever allows the changer to remain unlocked, making it possible to safely remove even large and heavy chuck plates by holding the chuck plate with both hands.



With lifting the interlock lever, pinch the releasing arms to keep the changer unlocked.

Coated arms for easy gripping※3

Coating on unique arm shape based on ergonomics. Easier to grip and less slippery.

※3. Available only for SXQ0150 (Payload : 15kg).

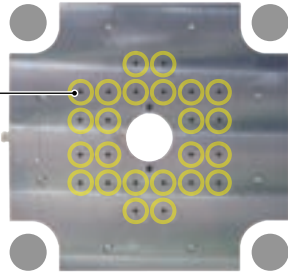


Coating on arms

MIMS - Multi Information Monitoring System -

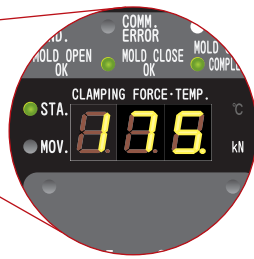
Invisible Magnetic Forces Visually Digitized

All magnetic cores are equipped with MIMS sensor.



Every magnetic core has a MIMS sensor to confirm overall clamping force.

Since every magnetic core has a MIMS sensor, the magnetic clamp is able to confirm actual clamping force of molds in various sizes.



Accurate Display with Digital Number

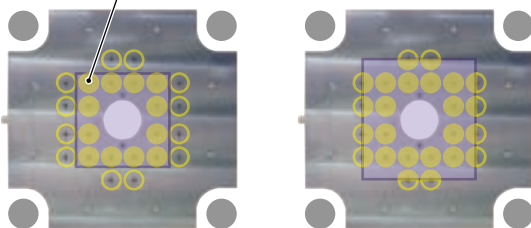
Clamping Force Indicator displays clamping force digitally.



Magnetic Plate Temperature Check

Built-in temperature sensors allow for monitoring mold temperatures. It calculates by the change in clamping forces.

Only magnetic core in contact with a mold is detected by MIMS sensor.

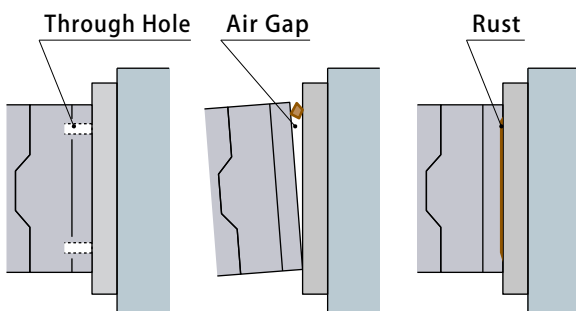


Accurate Reading Regardless of Mold Size

It measures clamping force of the area that the magnetic core and mold are in contact with.

No Need to Input Information

Actual measuring of the mold contact area means there is no need to input information such as mold size, etc beforehand.



Accurate Measuring Regardless of Mold Condition

Able to confirm accurate clamping force, even there are air gaps or through holes for mounting bolt, because it does not measure the area that the mold is not in contact with the plate. It also measures the change in clamping force caused by rust or material of mold mounting plate.



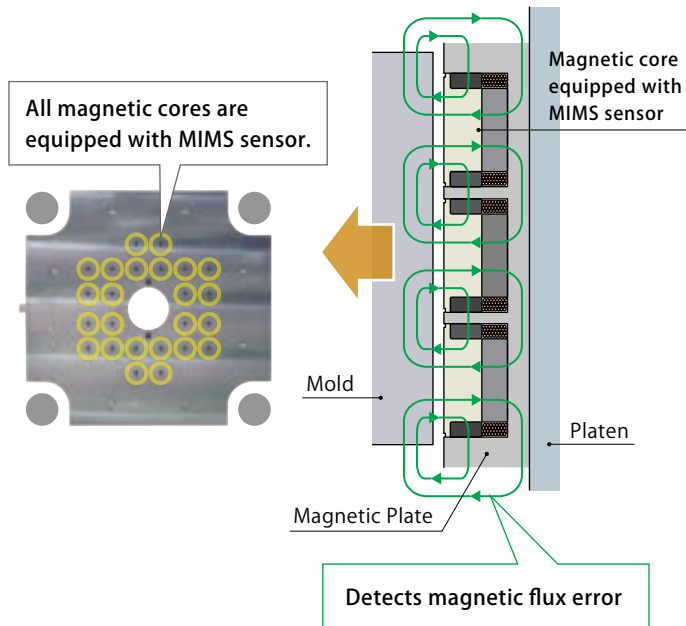
APPLICATION EXAMPLE VIDEO

https://www.kosmek.co.jp/php_file/video_products.php?id=085&lang=2

DMS - Double Monitoring System - PAT.P.

The Highest Level of Safety in the Industry

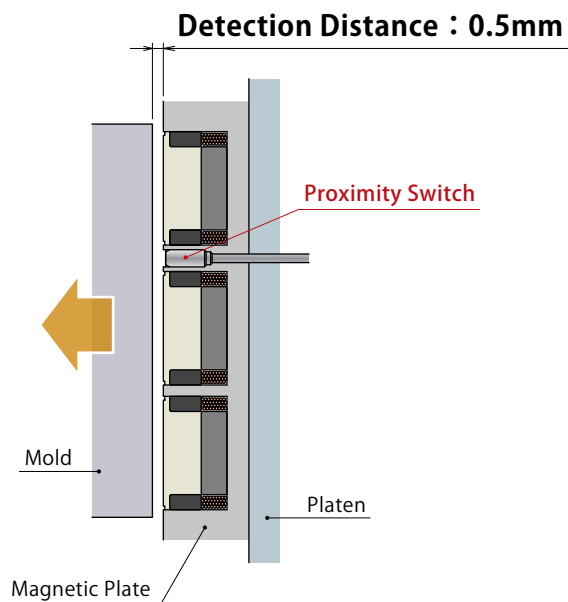
(In case of Detection System M1/M2 : Double Monitoring System)



① Magnetic Flux Error Detection with MIMS sensor

With our magnetic core sensors, the slightest error will not be overlooked.

In case the mold moves from the magnetic plate during production, **the MIMS sensor embedded in all magnetic cores** detects the magnetic flux error caused by the mold movement and it securely outputs an error detection signal.



② Mold Separation Detection with Proximity Switch

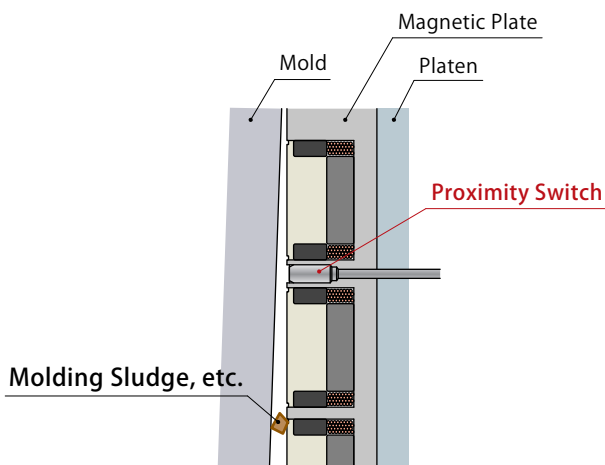
Real-time monitoring of mold contact with proximity switch

It securely outputs an error detection signal **when a mold is separated 0.5mm** from the magnetic plate.

This proximity switch system has the highest level of safety measures with EN standard.

Checking distance with proximity switch, able to detect errors securely when a mold is not in close contact.

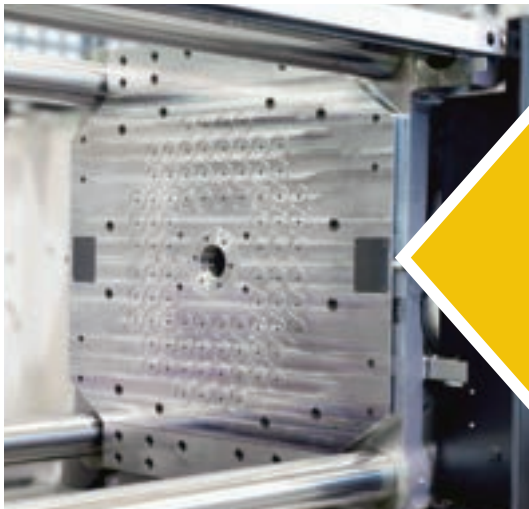
A gap between a mold and a magnetic clamp leads to decrease in clamping force. When the magnetic plate and the mold are not in contact, mold change cannot be completed. Mold contact check with proximity switch prevents the risk of production with gaps and insufficient clamping force.



Lightning Controller PAT.P.

Improved control unit cuts power consumption by 50%.

“ Lightning Controller” with greatly reduced energy consumption by 50%



Magnetic Plate



Control Unit

KOSMEK Exclusive "Lightning Controller"
(PAT.P.) reduces mold clamping time by half !

	Conduction time for mold clamping ※1
Current Method	1.0 sec.
Improved Method	0.5 sec.

※1. Per Discharge.

Reduces 50% of
magnetizing time

MAK0550	Power consumption per magnetization ※2
Current Method	12.6 VAh
Improved Method	6.3 VAh

Reduces 50% of
power consumption

※2. As an example, it shows the power consumption during the magnetization per hour when setting up MAK0550 magnetic plates on both movable platen and stationary platen once per hour.
(Magnetic plate for movable platen and stationary platen : 2 Discharges each)

Metal Surface

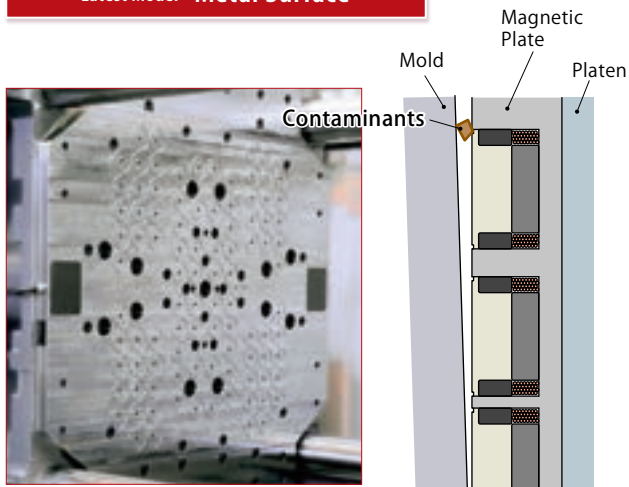
Metal surface protects from contaminants and liquids for many years!



The metal surface of Magnetic Plate enables **high durability**.

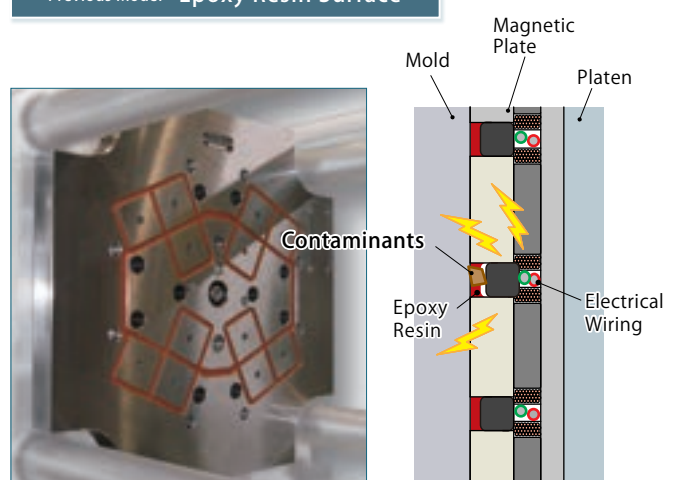
The plate surface is constructed with metal only.
 The metal surface prevents outside interference and does not deteriorate over time as epoxy resin does.

Latest Model **Metal Surface**



The plate surface is constructed with metal only, preventing contaminants from outside. This enables high rigidity, and Metal Surface does not deteriorate over time as epoxy resin does.

Previous Model **Epoxy Resin Surface**

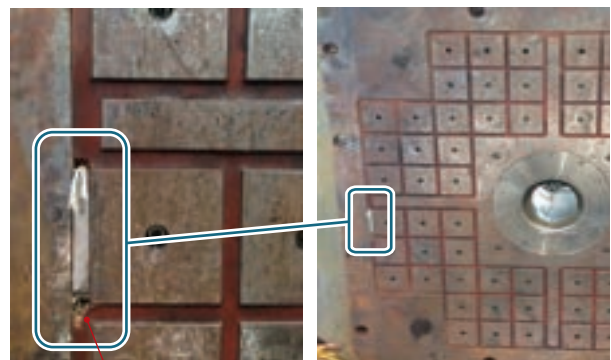


Previous model has magnets embedded from mold mounting surface and epoxy resin molding its perimeter. This causes contaminants to get stuck in epoxy resin and damages internal electrical wiring.

Trouble Case of Epoxy Resin Model

Epoxy Resin Deteriorates

Resin is peeled off by deterioration, causing snapping and short circuit of the electrical wiring.



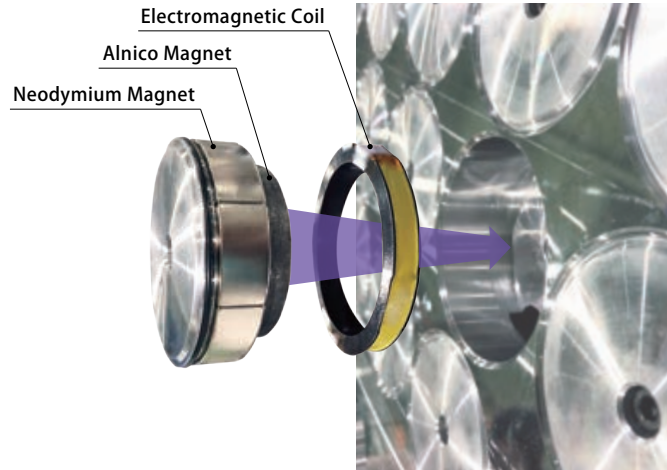
Exposed electrical wiring inside the epoxy resin.

Improved Maintainability

Each magnetic core is replaceable.

Each magnetic core is removable
so that **it can be replaced in case of
a trouble.**

※ Required to remove a magnetic plate from an I.M.M.



35mm Magnetic Plate PAT.P. Thin Model

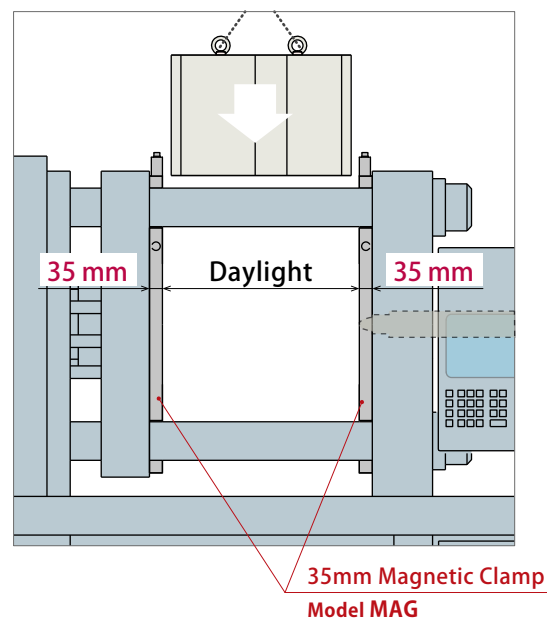
The World's Thinnest : For customers who have given up on using magnetic clamps due to daylight problems.

**35mm Plate ensures
Maximum Daylight !**

The new Magnetic Clamp developed by Kosmek is one of the thinnest in the world, with a plate thickness of 35 mm, allowing for maximum daylight. It can be used in cases where magnetic clamps were unsuitable in the past due to insufficient daylight.

**Minimize Extension of
Daylight and Nozzle !**

Even when extending daylight, injection nozzles, or ejector rods, the extension can be minimized, which is advantageous in terms of the cost for extension. Also, the effect of temperature changes in the material caused by the nozzle extension is reduced.

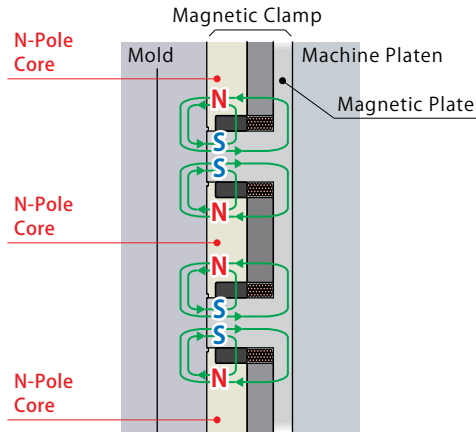


Bi-Directional Circuit Method

Magnetic clamp in general has mono-directional or bi-directional magnetic circuit.

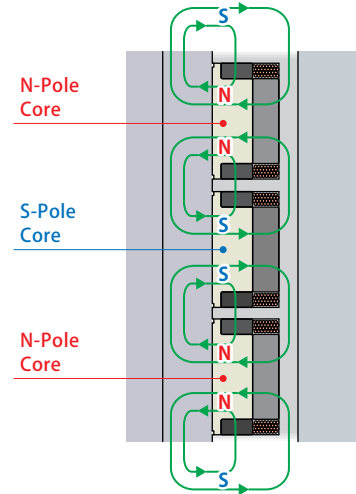
Mono-Directional Magnetic Circuit

Magnetic circuit is generated on each pole. All magnetic cores are composed of N pole and the magnetic plate is magnetized to S pole.



Bi-Directional Magnetic Circuit (Kosmek Magnetic Clamp)

Magnetic circuit is generated between adjacent poles. Composed of N-pole and S-pole magnetic cores.

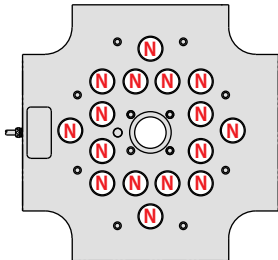


Clamping Force Comparison

Mono-Directional Magnetic Circuit

Clamping Force **Low**

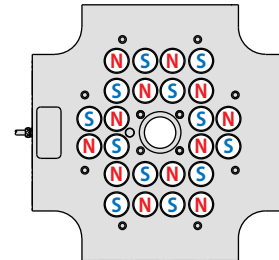
Needs space between magnetic cores, which reduces core quantity and leads to low clamping force.



Bi-Directional Magnetic Circuit (Kosmek Magnetic Clamp)

Clamping Force **High**

Magnetic cores can be placed close to each other, increasing core quantity, resulting in high clamping force.



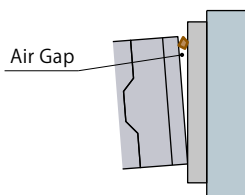
Mono-directional method has higher clamping force per magnetic core. However, when compared with the same size magnetic plate, **bi-directional method has higher clamping force.**

Influence of Air Gap

Mono-Directional Magnetic Circuit

Air Gap Resistance **Low**

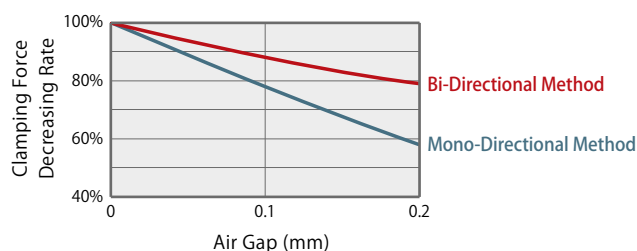
Magnetic circuit is generated by single pole, so the force to emit magnetic flux is small and resistance to air gap is low.



Bi-Directional Magnetic Circuit (Kosmek Magnetic Clamp)

Air Gap Resistance **High**

Magnetic flux pulled by different polarities, the force to emit magnetic flux is large and resistance to air gap is high.



Clamping force of mono-directional method is decreased by 150% compared to bi-directional method.
※ Reference value measured by Kosmek.

Kosmek magnetic clamp is designed with superior bi-directional magnetic circuit method.

Clamp Incomplete Detection

Safety Measures ! Accurate detection of clamping errors !

※ Available as an option for all T-slot auto-slide models.

Improve Safety with Automated Mold Clamp

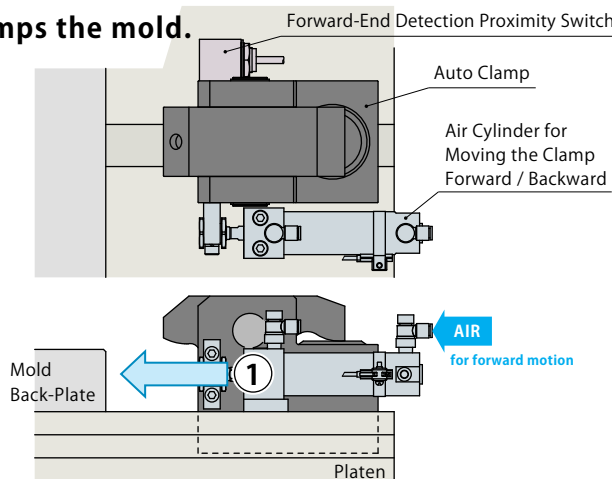


Introduction Video

https://www.kosmek.co.jp/php_file/video_products.php?id=180&lang=2

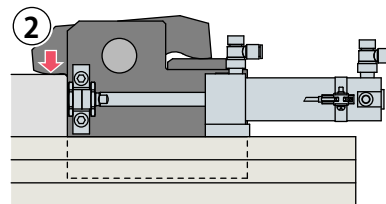
① Auto clamp moves forward with air cylinder.

② Clamps the mold.



	Motion	Forward-End Detection Proximity Switch
Air Cylinder	Forward	ON

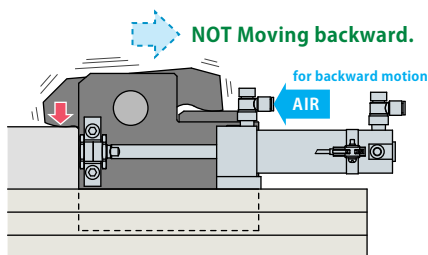
	Motion	Pressure Switch for Clamping
Auto Clamp	Clamp	ON



③ After clamping, provide air for backward motion to the air cylinder. (PAT.P.)

Normal

When locked securely, the clamp does not move backward.



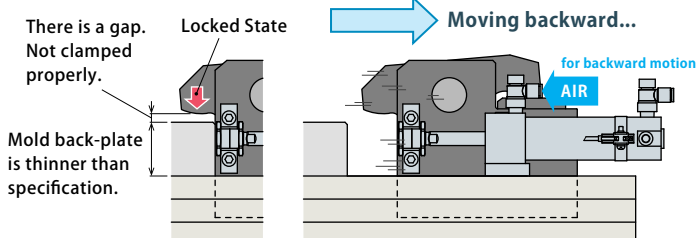
Since the clamp is locked, it will not move backward even when providing air for backward motion to the air cylinder. The forward-end detection proximity switch remains ON to confirm that the clamp is securely locked.

	Motion	Forward-End Detection Proximity Switch
Air Cylinder	Backward	ON

Securely Locked !

Error

In case of a clamping error, the clamp moves backward.



The clamp is not locked properly due to a gap between the clamp and the mold back-plate, even though the clamp is in the locked state. It will move backward when providing air for backward motion to the air cylinder. The forward-end detection proximity switch is OFF, allowing for detection of clamping errors.

	Motion	Forward-End Detection Proximity Switch
Air Cylinder	Backward	OFF

Able to Detect Clamping Errors !

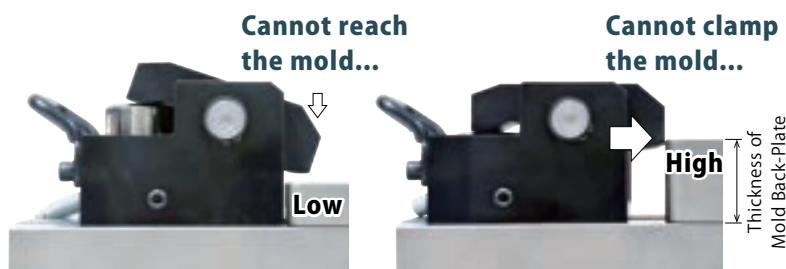
Allowing Mold Size Variance

For customers who have given up on installing hydraulic clamps due to variations in mold sizes.



Challenges with Previous Design

Automatic mold clamps used to require a standardized clamping height.
 Often, clamping height cannot be adjusted, especially if the molds are supplied by your customers.



Unable to use a hydraulic clamp due to the variance in thickness of mold back-plate.

By Installing the Lever Spacer Model

A long stroke clamp with the lever spacer enables up to 20mm in clamping height variation.

Allows for Mold Back-Plate Variance up to 20mm^{*}

^{*} Up to 10mm for GBC0100-F ~ GBC0400-F. Not available to use with the low lever model and the wide lever model. Please contact us for further information.

Example : In case of GBC0630-F Clamp, Mold Back-Plate Thickness Variance 30 ~ 50mm



Mold Back-Plate Thickness : 50mm
 Clamps the mold with the hydraulic clamp.



Mold Back-Plate Thickness : 40mm
 When the back-plate is 10mm lower, the mold can be clamped by the long stroke function.



Mold Back-Plate Thickness : 30mm
 When the back-plate is 20mm lower, the mold can be clamped by setting the lever spacer.

Improved Maintainability

Simple and Easy-to-Maintain Structure

Assemble/Disassemble with Standard Tools !

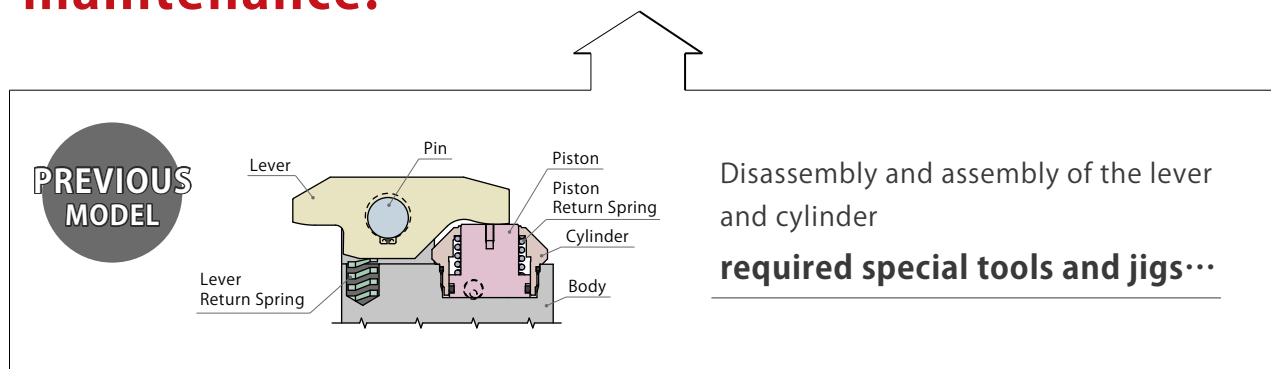


Introduction Video

https://www.kosmek.co.jp/php_file/video_products.php?id=179&lang=2

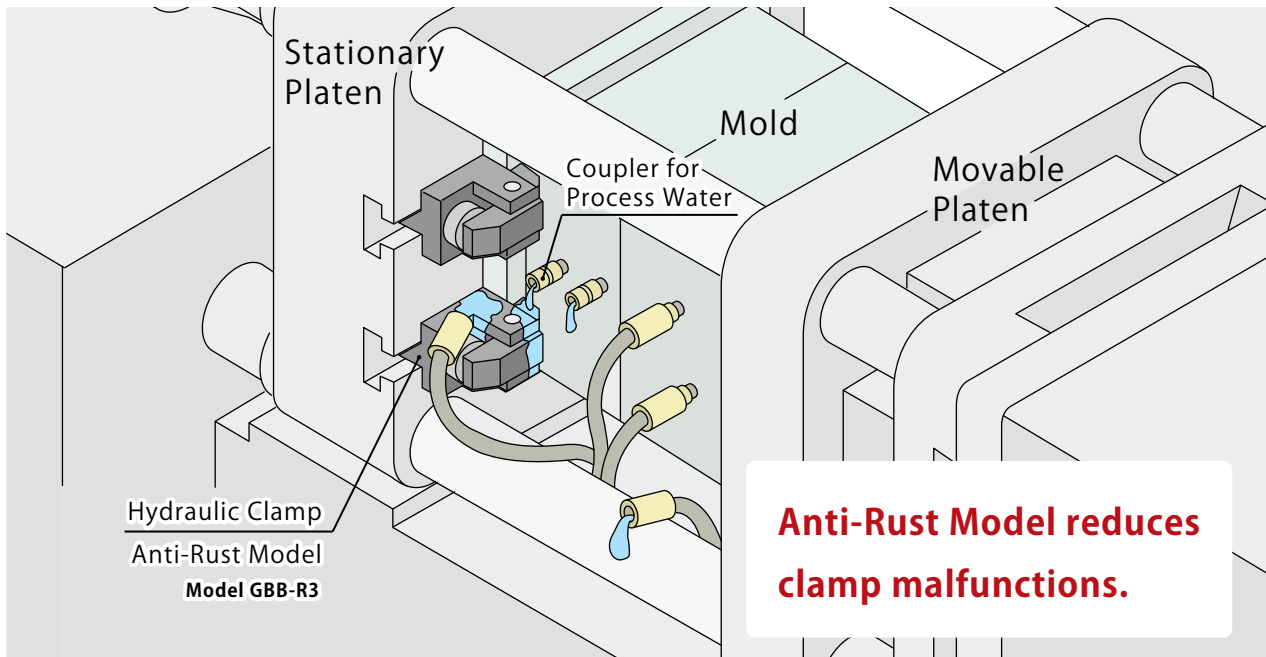
Since no special tools are required,
no clamp-specific knowledge is required.

Since anyone can assemble and disassemble the clamp,
only a seal kit is needed to perform on-site maintenance.



Rust Countermeasure by Process Water

Additional Line Up: Anti-Rust Model



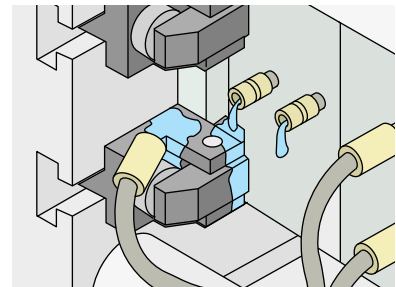
Before

When coupler is uncoupled during the mold change, the residual water drips.



Water splashes on the clamp and rusts.

※ There are no problems with clamps under general molding conditions. However, the clamp might rust when it is exposed in water environment.



After

Anti-Rust Model for Water Environment !



Special coating **prevents rust** even when exposed to water.

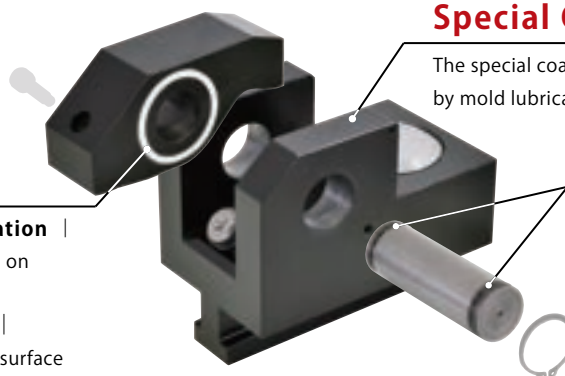
With special seals, **it reduces the rust failure** by the main shaft.

* The cost will reduce by adopting the anti-rust model.

Special Sealing

| **Low Friction and Smooth Operation** |
Wear resistant special sealing is adopted on the sliding surface.

| **High Strength and Durability** |
The special seal is pressed to the sliding surface and maintain high sealing.



Special Coating

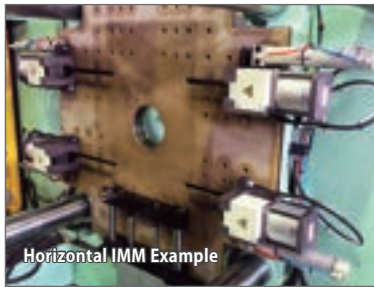
The special coating prevents the rust by mold lubrication.

Packing for Main Shaft

Packing prevents from mold lubrication and dust getting into the clamp.

Pneumatic Clamp

Clean by Air, Suitable for Vertical IMM as well



Vertical IMM Video

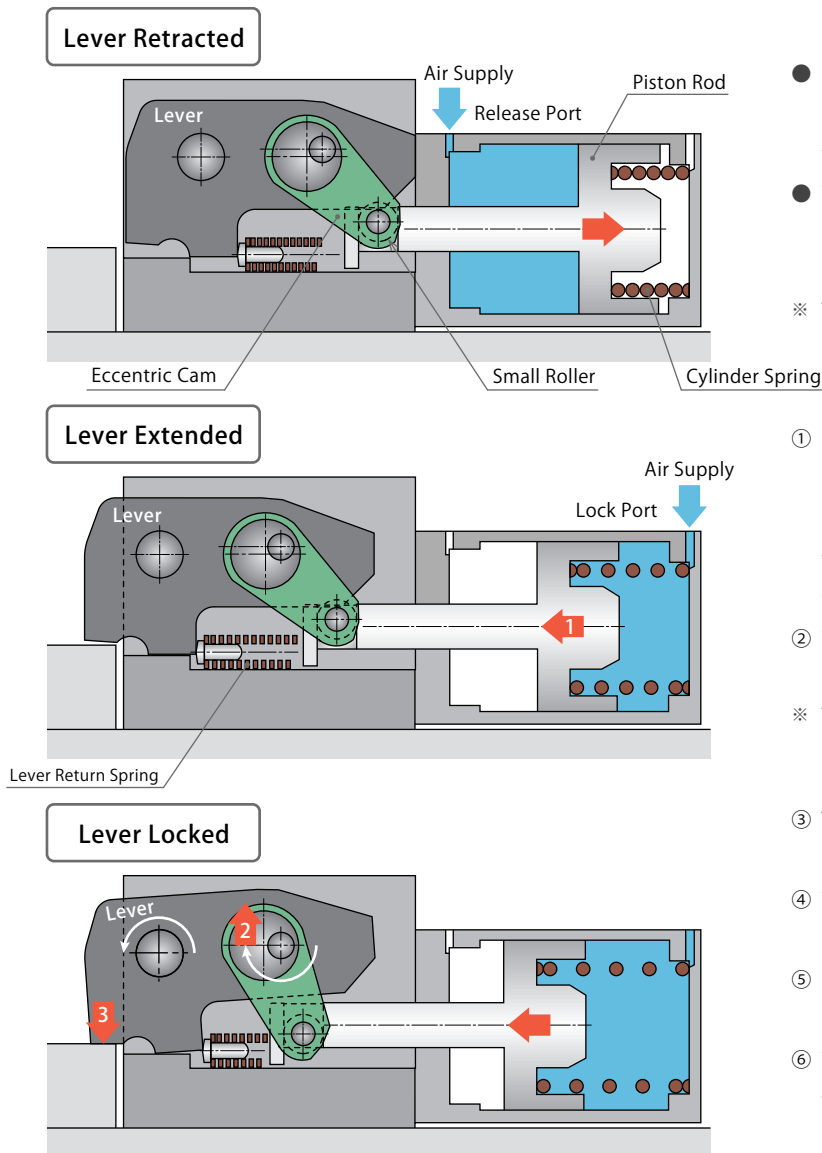
https://www.kosmek.co.jp/php_file/video_products.php?id=016&lang=2



Horizontal IMM Video

https://www.kosmek.co.jp/php_file/video_products.php?id=067&lang=2

- Power source is general compressed air only.
- Air clamp system eliminates the possibility of contamination around the clamp due to oil leakage or dripping.
- Piping work is easy because the circuit consists of air lines.
- Fire hazard by use/or storage of hydraulic oil is eliminated.
- Excellent for electric machines, no hydraulic source is required.
- Maintenance is easy as there is no oil mess.
- Endurance at high temperature is improved because the working pressure of this system is lower than that of the hydraulic model.
- Overall system costs are less than hydraulic systems.



- By supplying 0.4 MPa air pressure to the release port, the piston rod moves backward compressing the cylinder spring.
- With the movement of the piston rod, the lever is moved backward by the small roller and eccentric cam. The lever is set inside the body.

※ The lever of T-slot slide clamp cannot be set inside the body.

- ① By releasing the air supply to the release port and supplying air to the lock port, the piston rod is moved forward with air pressure and cylinder spring force. The lever return spring movement ① keeps the lever moving forward in a horizontal state.

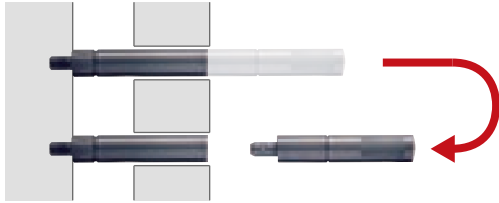
- ② With the movement of the piston rod, small roller, eccentric cam and lever move forward.

※ The lever is moved forward with the cylinder spring force by releasing the air supply from the release port.

- ③ The piston rod moves forward and rotates the eccentric cam, which is connected by the small roller.
- ④ With the rotation of the eccentric cam, thrust is applied in the direction of ②.
- ⑤ Rotational force, with the main shaft as the center, is generated in the lever.
- ⑥ With the main shaft as the support point, clamping force (which is boosted by the leverage of the lever) securely clamps the mold ③.

Quick Connect Ejector Rods

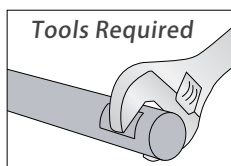
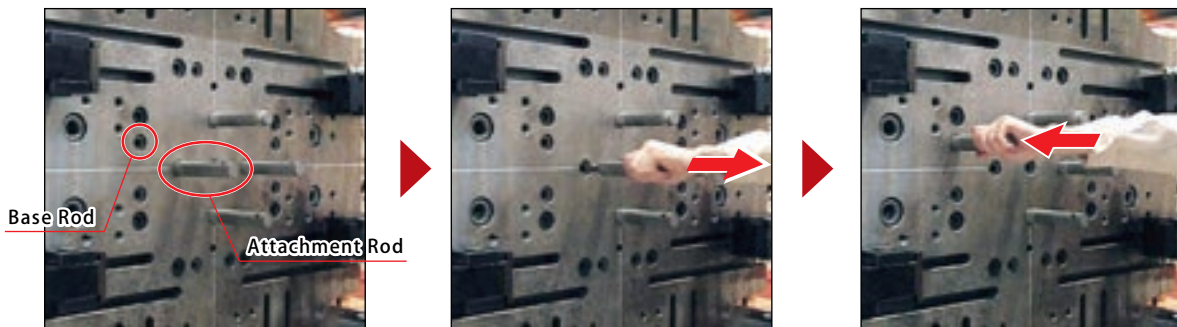
Easy-to-use, no tools required, allowing for changes in mere seconds.



Application Example Video

https://www.kosmek.co.jp/php_file/video_products.php?id=001&lang=2

**“Pull Out” and “Insert In”
to exchange the ejector rods !**



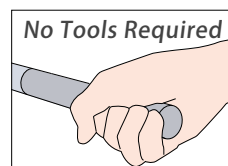
※ Reference of 300 ton IMM

Before

using quick connect ejector rods

Change Time **240** sec.

4 threaded ejector rods ×
60 sec. per rod.



After

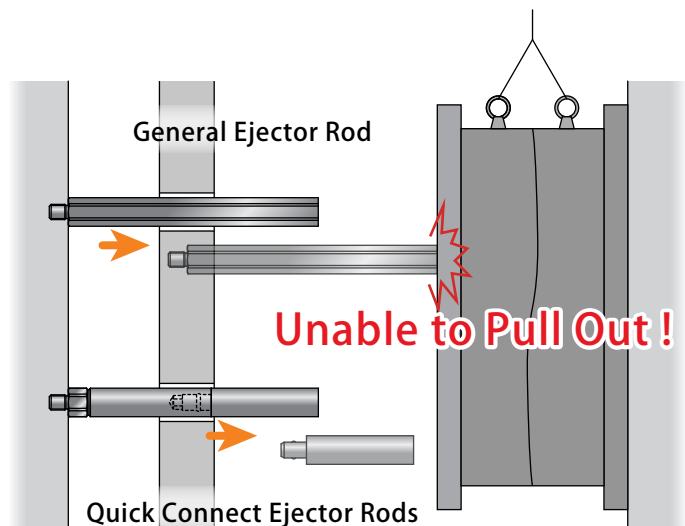
using quick connect ejector rods

Change Time **10** sec.

4 quick connect ejector rods ×
2.5 sec. per rod.

Quick Change even in such a case

Even when ejector rods are placed in the wrong spot, Quick Connect Ejector Rods can be replaced with the mold inside the machine.



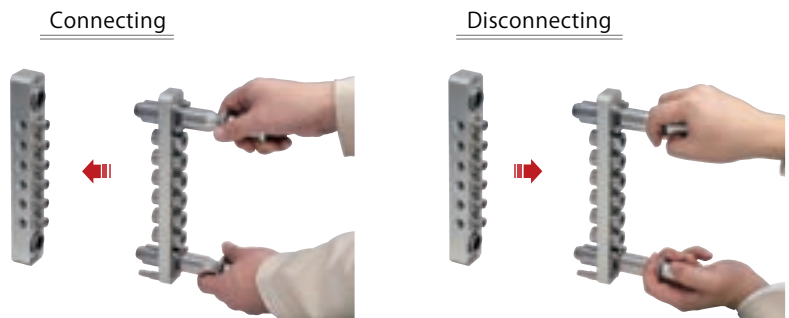
Multi Coupler

Connects and Disconnects Multiple Couplers at Once

What is Multi Coupler ?

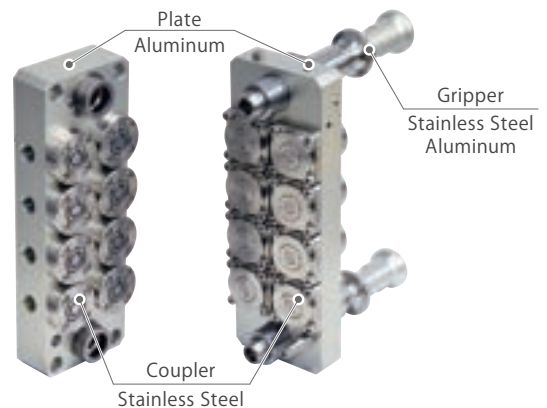
A Device for Connecting Multiple Couplers in Single Operation

Pilot air can always be connected since the coupler connecting valve is opened/closed as JMC: with check valve is connected/disconnected. Check valve for opening/closing coupler connecting valve is not required.



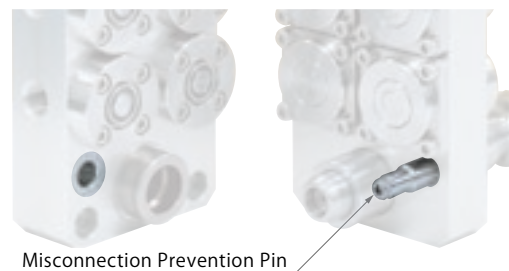
Anti-Corrosion Material

Using stainless steel for the coupler and the gripper, and aluminum for the plate allows for anti-corrosion. Highly durable to air and process water.



Misconnection Prevention

Misconnection Prevention Pin to prevent connection failure.



Introduction Video

https://www.kosmek.co.jp/php_file/video_products.php?id=042&lang=2

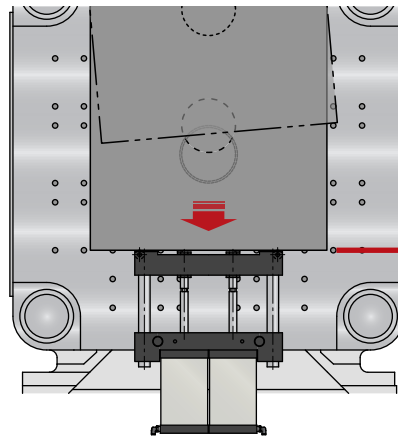
Level Unit

Adjusts the level, just by loading a mold !



What is Level Unit ?

A unit that **ensures parallel accuracy by loading a mold with a crane.**

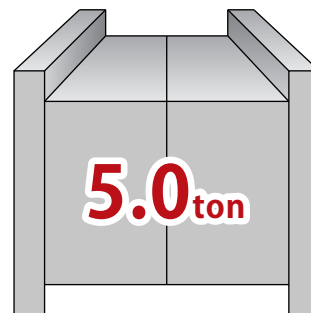


Adjusts the mold level just by loading it!

Max. Loading Weight

Maximum loading weight is up to **5.0ton**.

※ In case of MHL06□0 (Air pressure at 0.7MPa)

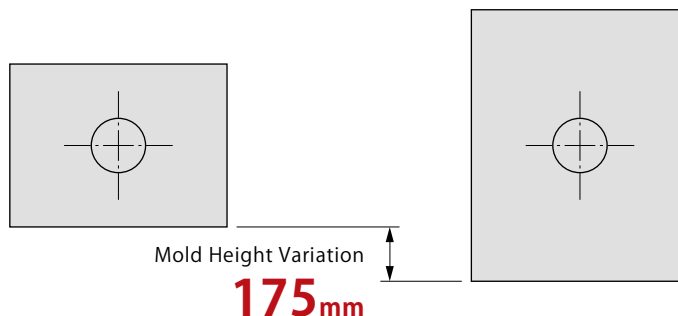


Mold Height Variation Possible

Mold Height Variation is possible

up to **175mm**.

※ In case of MHL06□0-L.



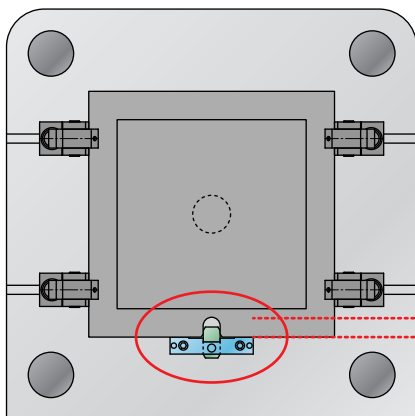
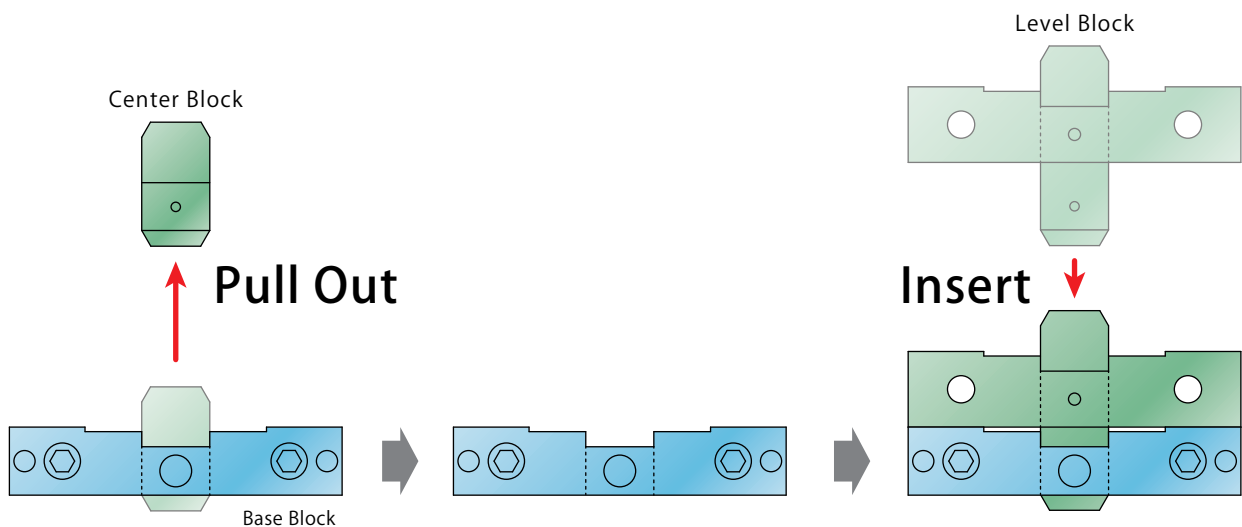
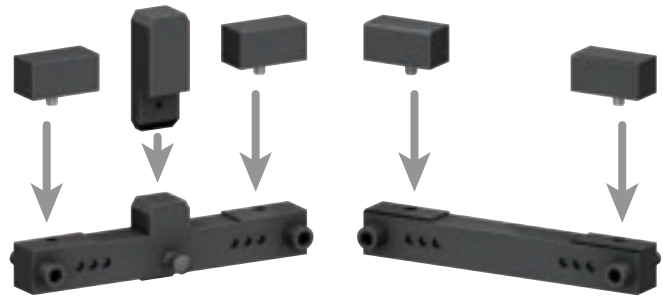
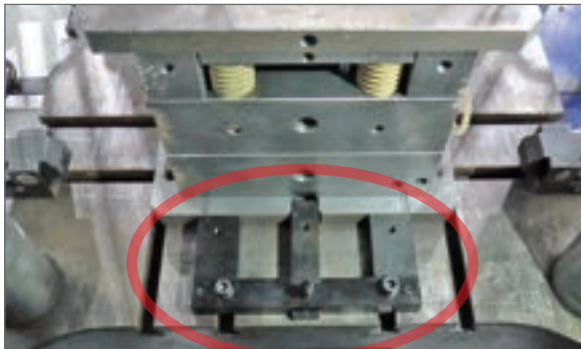
Application Example Video

https://www.kosmek.co.jp/php_file/video_products.php?id=053&lang=2

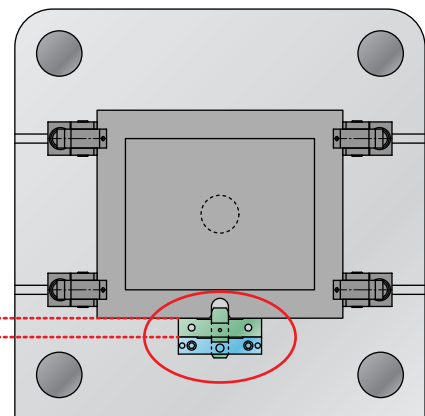
Mold Locator

"Pull-Out" and "Insert" to Locate Molds with Non-Standardized Heights

No Locating Ring Required.
Quick and Simple Mold Locating.



Easy to Locate Molds with
Non-Standardized Mold Heights



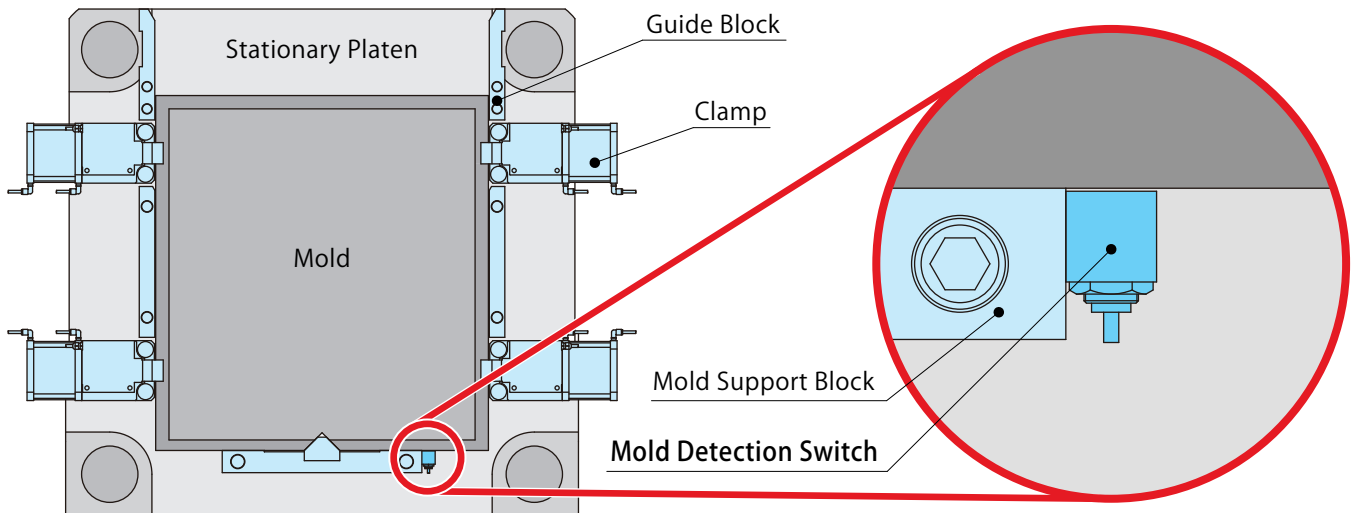
Application Example Video

https://www.kosmek.co.jp/php_file/video_products.php?id=093&lang=2

Support Block with Mold Detection Switch

Mold Fall Prevention during Mold Removal !

Mold detection switch prevents a mold fall !



If the mold is not hung by the crane when released, the mold will fall.

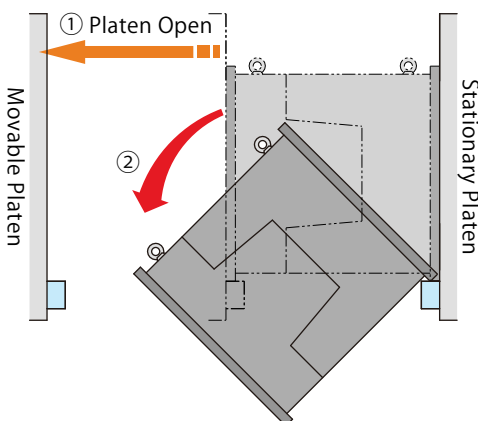
(Unintentional mistakes, carelessness, lack of concentration due to fatigue/busyness, long hours, working by a newcomer... anyone can make mistakes.)

Monitor 'Mold Presence' = 'Forgot to Hang' to prevent a mold fall.

**Without
Mold Detection Switch**

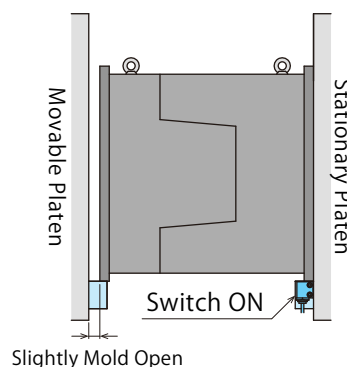
When a mold is not hung,

Mold Falls

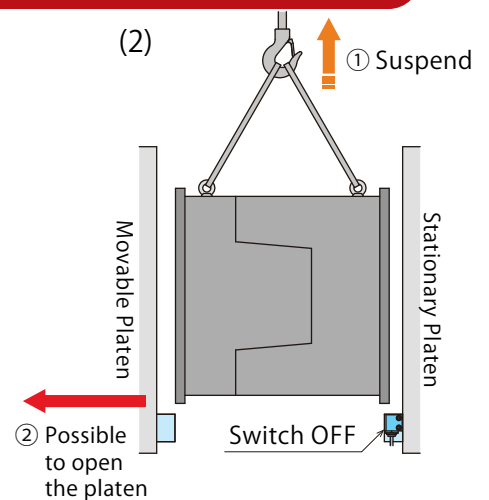


**With
Mold Detection Switch**

(1)



(2)



- (1) While the mold detection switch is ON after "Release", the mold is only allowed to open slightly, **preventing the mold from falling.**
- (2) The platen will not open unless the mold is hung (mold detection switch off), **ensuring safety !**

※ Interlock with a molding machine is required.

Horizontal-Loading Mold Change System

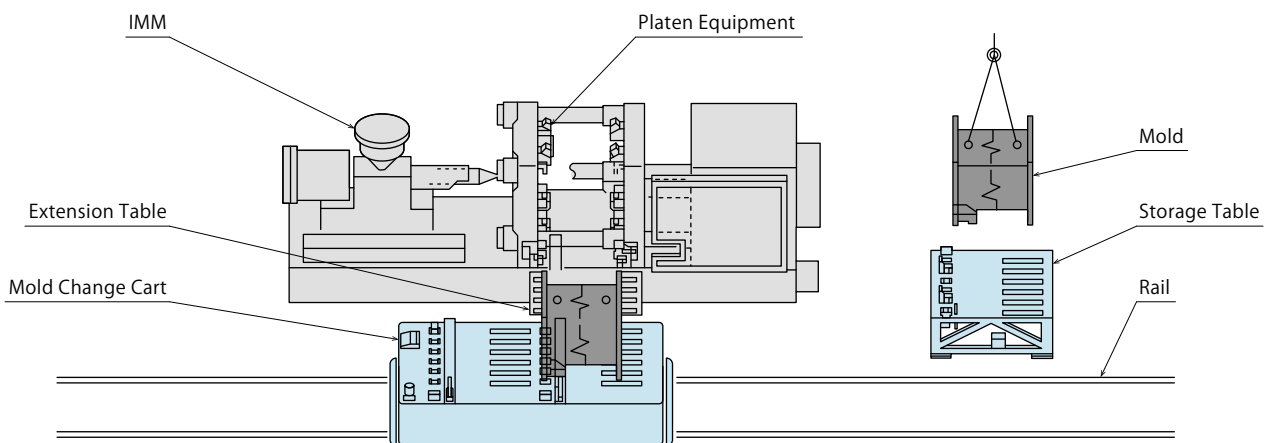
From Mold Change Carts to Automatic Clamping

Please ask KOSMEK if you have any problems with automation.

Advantages

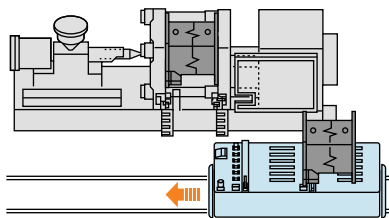
- Productivity Improvement
- Safe Operation
- High-Mix Low-Volume Production

Mold Change Cart : Basic Structure

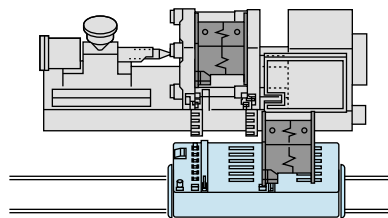


Mold Change Cart : System Sequence

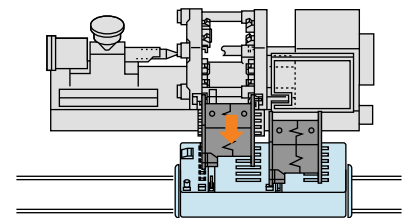
① Cart Traveling



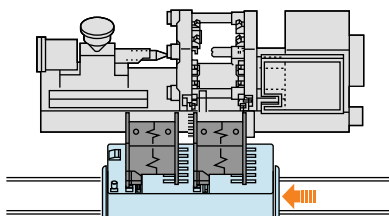
② Cart in Position



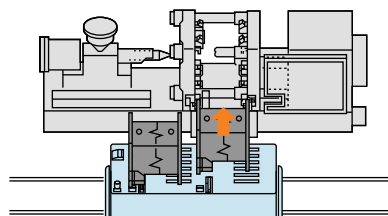
③ Mold Unloading



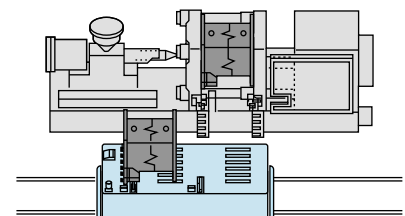
④ Cart Shifting in One Pitch



⑤ Mold Loading

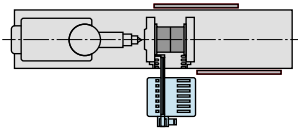


⑥ Operation Completed

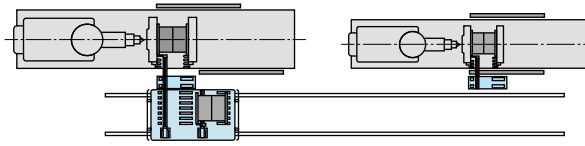


● Mold Change Cart : Structure Examples

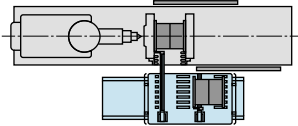
Mold Change Table (One Side)



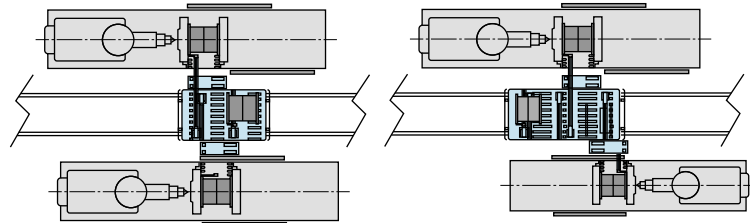
Single Side Mold Change Cart



Single Side Mold Change Cart (One Pitch)



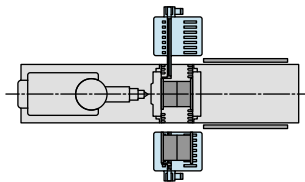
Double Side Mold Change Cart



IMMs face the same direction.

IMMs face the opposite directions.
(Mold setting from the non-operation side.)

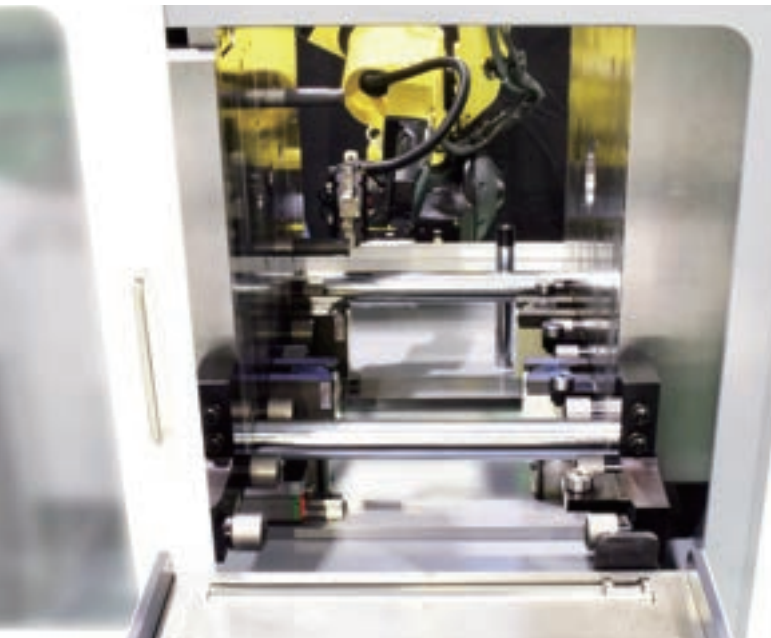
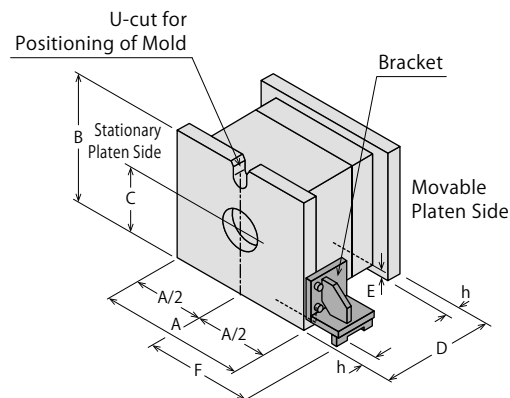
Mold Change Tables (Both Sides)



Pushing out in one direction

● Requisite Conditions of Molds

- ① Mold dimensions must be standardized.
B : Height of Mold
h : Clamping Height
F : Distance between the Center and Bracket Ledge
- ② U-cut for Positioning of Mold Stationary Platen Side
- ③ Bracket on Mold



Company Profile



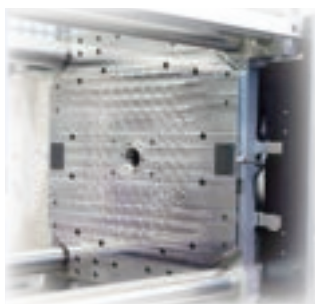
KOSMEK LTD. Head Office

Company Name	KOSMEK LTD.
Established	May 1986
Capital	¥99,000,000
President & CEO	Koji Kimura
Employee Count	270
Group Company	KOSMEK LTD. KOSMEK ENGINEERING LTD. KOSMEK (USA) LTD. KOSMEK EUROPE GmbH KOSMEK (CHINA) LTD. KOSMEK LTD. - INDIA
Business Fields	Design, production and sales of precision products, and hydraulic and pneumatic equipment
Customers	Manufacturers of automobiles, industrial machinery, semiconductors and electric appliances
Banks	Resona bank, MUFG Bank

Sales Offices

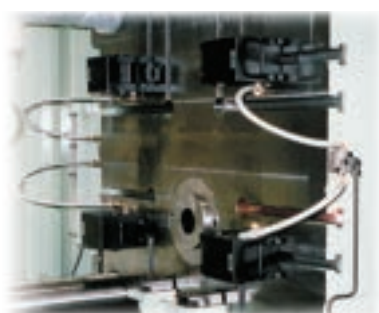
Sales Offices across the World	JAPAN HEAD OFFICE Overseas Sales	TEL. +81-78-991-5162	FAX. +81-78-991-8787
		KOSMEK LTD. 1-5, 2-chome, Murotani, Nishi-ku, Kobe-city, Hyogo, Japan 651-2241 〒651-2241 兵庫県神戸市西区室谷2丁目1番5号	
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		303 Perimeter Center North, Suite 300, Atlanta, GA 30346 USA	
	MEXICO REPRESENTATIVE OFFICE KOSMEK USA Mexico Office	TEL. +52-442-851-1377	
		Av. Santa Fe 103, Int. 59, col. Santa Fe Juriquilla, Queretaro, QRO, 76230, Mexico	
	EUROPE SUBSIDIARY KOSMEK EUROPE GmbH	TEL. +43-463-287587	FAX. +43-463-287587-20
		Schleppeplatz 2 9020 Klagenfurt am Wörthersee Austria	
Sales Offices in Japan	CHINA KOSMEK (CHINA) LTD. 考世美(上海)貿易有限公司	TEL. +86-21-54253000	FAX. +86-21-54253709
		Room601, RIVERSIDE PYRAMID No.55, Lane21, Pusan Rd, Pudong Shanghai 200125, China 中国上海市浦东新区浦三路21弄55号银亿滨江中心601室 200125	
	INDIA BRANCH OFFICE KOSMEK LTD. - INDIA	TEL. +91-9880561695	
		4A/Old No:649, Ground Floor, 4th D cross, MM Layout, Kavalbyrasandra, RT Nagar, Bangalore -560032 India	
	THAILAND REPRESENTATIVE OFFICE KOSMEK Thailand Representation Office	TEL. +66-2-300-5132	FAX. +66-2-300-5133
		67 Soi 58, RAMA 9 Rd., Phatthanakan, Suanluang, Bangkok 10250, Thailand	
	TAIWAN (Taiwan Exclusive Distributor) Full Life Trading Co., Ltd. 盈生貿易有限公司	TEL. +886-2-82261860	FAX. +886-2-82261890
		16F-4, No.2, Jian Ba Rd., Zhonghe District, New Taipei City Taiwan 23511 台湾新北市中和區建八路2號 16F-4 (遠東世紀廣場)	
	PHILIPPINES (Philippines Exclusive Distributor) G.E.T. Inc, Phil.	TEL. +63-2-310-7286	FAX. +63-2-310-7286
		Victoria Wave Special Economic Zone Mt. Apo Building, Brgy. 186, North Caloocan City, Metro Manila, Philippines 1427	
	INDONESIA (Indonesia Exclusive Distributor) PT. Yamata Machinery	TEL. +62-21-29628607	FAX. +62-21-29628608
		Delta Commercial Park I, Jl. Kenari Raya B-08, Desa Jayamukti, Kec. Cikarang Pusat Kab. Bekasi 17530 Indonesia	
	Head Office Osaka Sales Office Overseas Sales	TEL. +81-78-991-5162	FAX. +81-78-991-8787
		1-5, 2-chome, Murotani, Nishi-ku, Kobe-city, Hyogo, Japan 651-2241	
	Tokyo Sales Office	TEL. +81-48-652-8839	FAX. +81-48-652-8828
		81, 4-chome, Onari-cho, Kita-ku, Saitama City, Saitama, Japan 331-0815	
	Nagoya Sales Office	TEL. +81-566-74-8778	FAX. +81-566-74-8808
		10-1, 2-chome, Misono-cho, Anjo City, Aichi, Japan 446-0076	
	Fukuoka Sales Office	TEL. +81-92-433-0424	FAX. +81-92-433-0426
		8-10-101, 1-chome, Kamimuta, Hakata-ku, Fukuoka City, Fukuoka, Japan 812-0006	

Product Line-up



■ Quick Mold Change Systems

FOR INJECTION MOLDING MACHINES



■ Diecast Clamping Systems

FOR DIECAST MACHINES



■ Kosmek Factory Automation Systems

FACTORY AUTOMATION INDUSTRIAL ROBOT RELATED PRODUCTS



■ Kosmek Work Clamping Systems

MACHINE TOOL RELATED PRODUCTS

CATALOG

Further information is on the product catalogs.
Please order the catalog from our website.



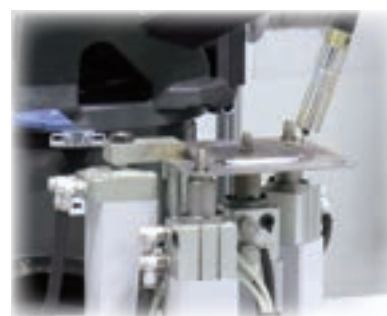
Scan the QR code for
Catalog Request and Inquiry

https://www.kosmek.co.jp/php_file/inquiry.php?lang=2



■ Quick Die Change Systems

FOR PRESS MACHINES



■ Welding Application Products

KOSMEK PRODUCTS FOR WELDING APPLICATION



■ Washing Application Products

KOSMEK PRODUCTS FOR WASHING APPLICATION



PRODUCT INFORMATION

KOSMEK Website : QMCS

<https://www.kosmek.co.jp/english/products/qmcs/>



PRODUCT INQUIRY

Catalog Request • Product Inquiry

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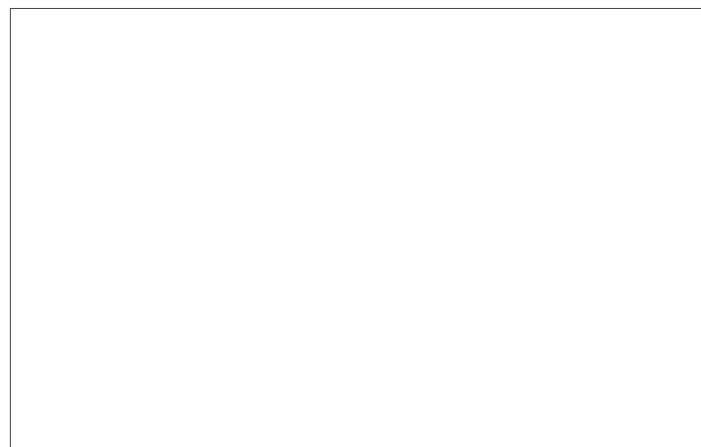


KOSMEK LTD.

▶ <https://www.kosmek.com/>

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TEL.+81-78-991-5162 FAX.+81-78-991-8787

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INDIA BRANCH OFFICE	KOSMEK LTD. - INDIA 4A/Old No:649, Ground Floor, 4th D cross, MM Layout, Kavalbyrasandra, RT Nagar, Bangalore -560032 India TEL.+91-9880561695
THAILAND REPRESENTATIVE OFFICE	KOSMEK Thailand Representation Office 67 Soi 58, RAMA 9 Rd., Phatthanakan, Suanluang, Bangkok 10250, Thailand TEL. +66-2-300-5132 FAX. +66-2-300-5133



- For Further Information on Unlisted Specifications and Sizes, Please call us.
- Specifications in this Leaflet are Subject to Change without Notice.



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