

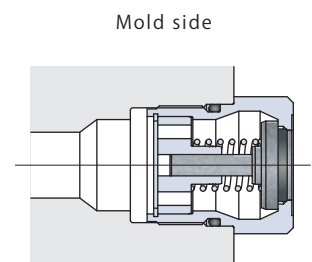
Pascal auto coupler



Coupler module

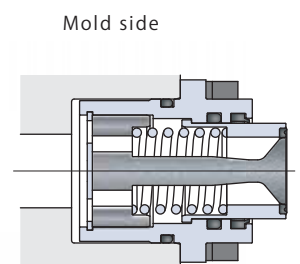
Screw mounting new product

	Mold side	Machine side			Body material
Water, air	WVE-W M	WVE-W F			Stainless steel
Hydraulic	WVE-H M	WVE-H F			Chromium molybdenum steel
Diameter	1/4"	3/8"	1/2"	3/4"	



Flange mounting

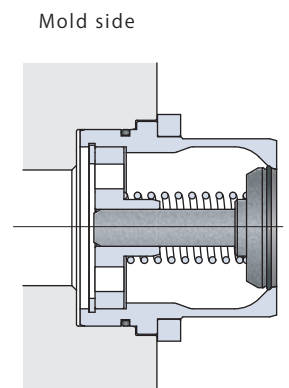
	Mold side	Machine side			Body material
Water, air	WVE-W P	WVE-W S			Stainless steel
Hydraulic	WVE-H P	WVE-H S			Chromium molybdenum steel
Diameter	1/4"	3/8"	1/2"	3/4"	



※ No pressure maintaining

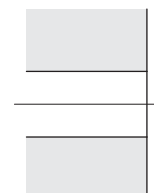
Flange mounting Large flow type

	Mold side	Machine side			Body material
Water, air	WVD-W P	WVD-W S			Stainless steel
Diameter	1"	1 1/4"	1 1/2"	2"	



Embedded type

	Machine side	Body material
Water, air	WVF-03S	Copper alloy
Diameter	1/4"	

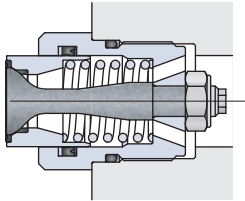


Refer to "Auto coupler date sheet(PA-184)" for the specifications details.

Coupler module

Screw mounting new product

Machine side



Mold side

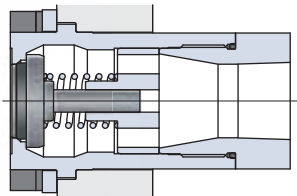


Machine side



Flange mounting

Machine side



Mold side

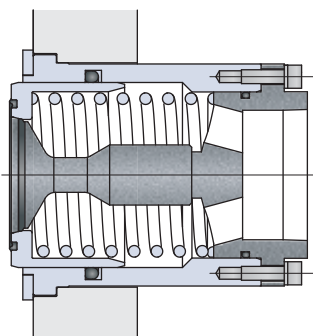


Machine side



Flange mounting Large flow type

Machine side



Mold side

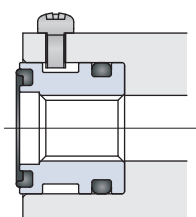


Machine side



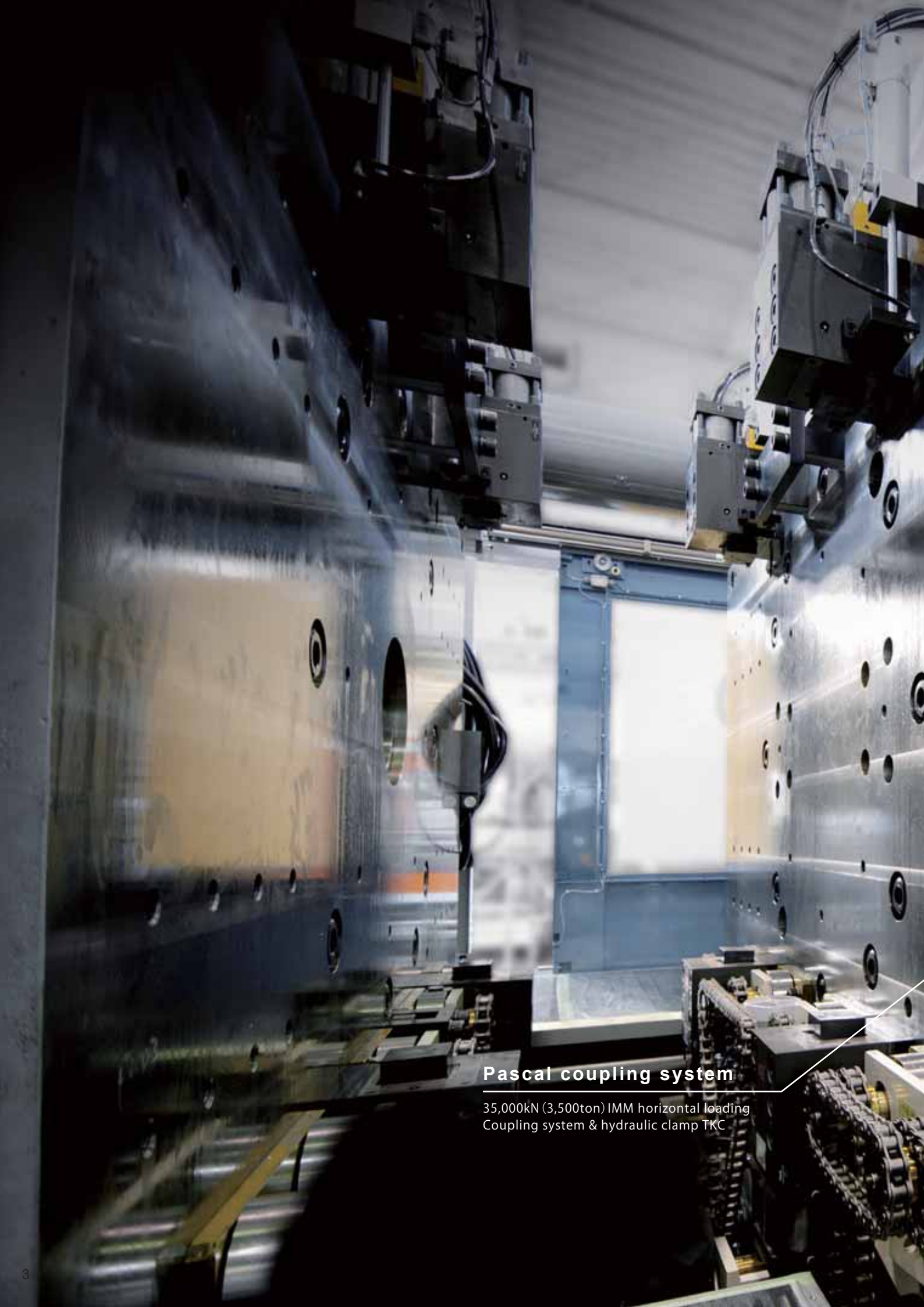
Embedded type

Machine side



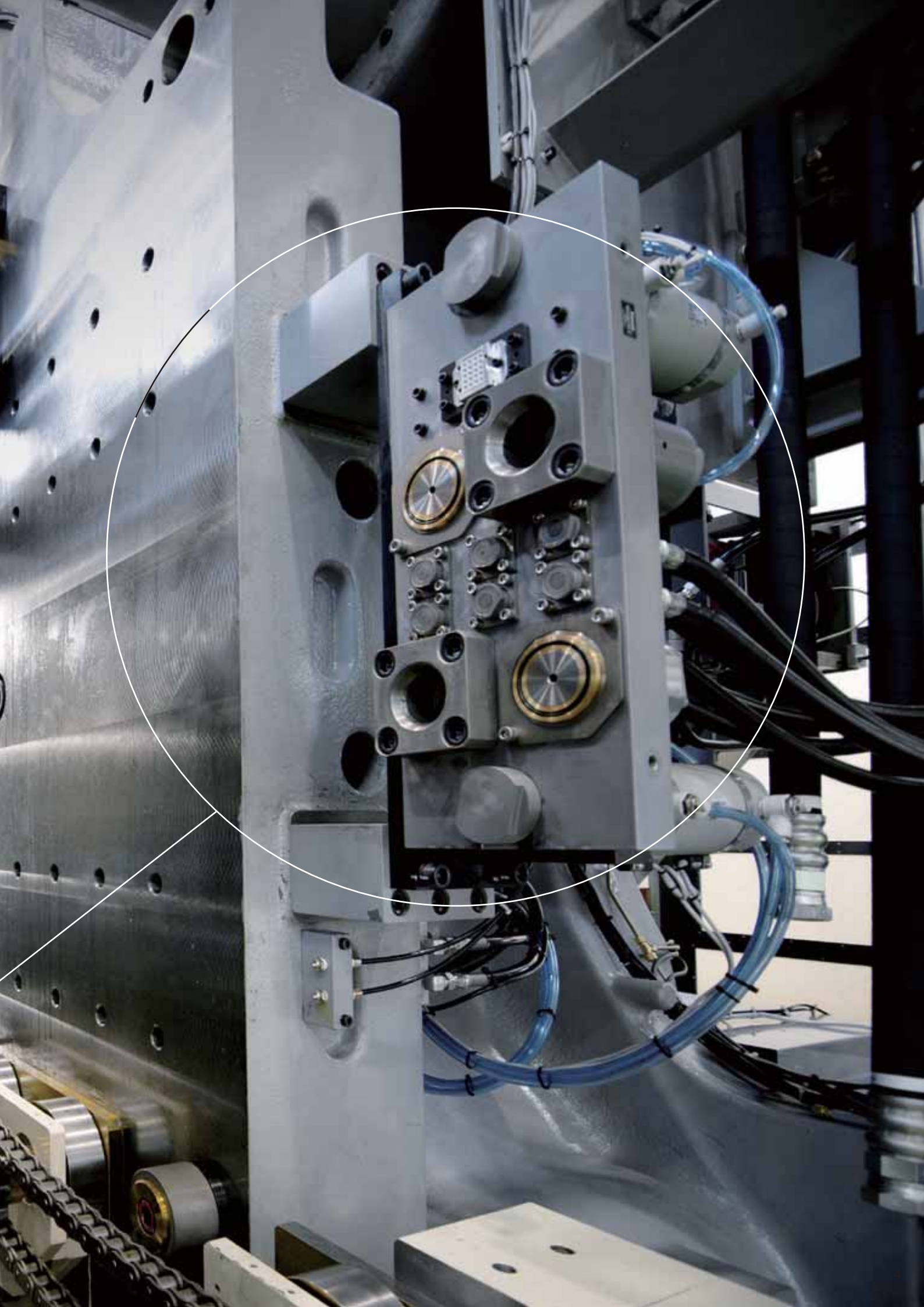
Machine side

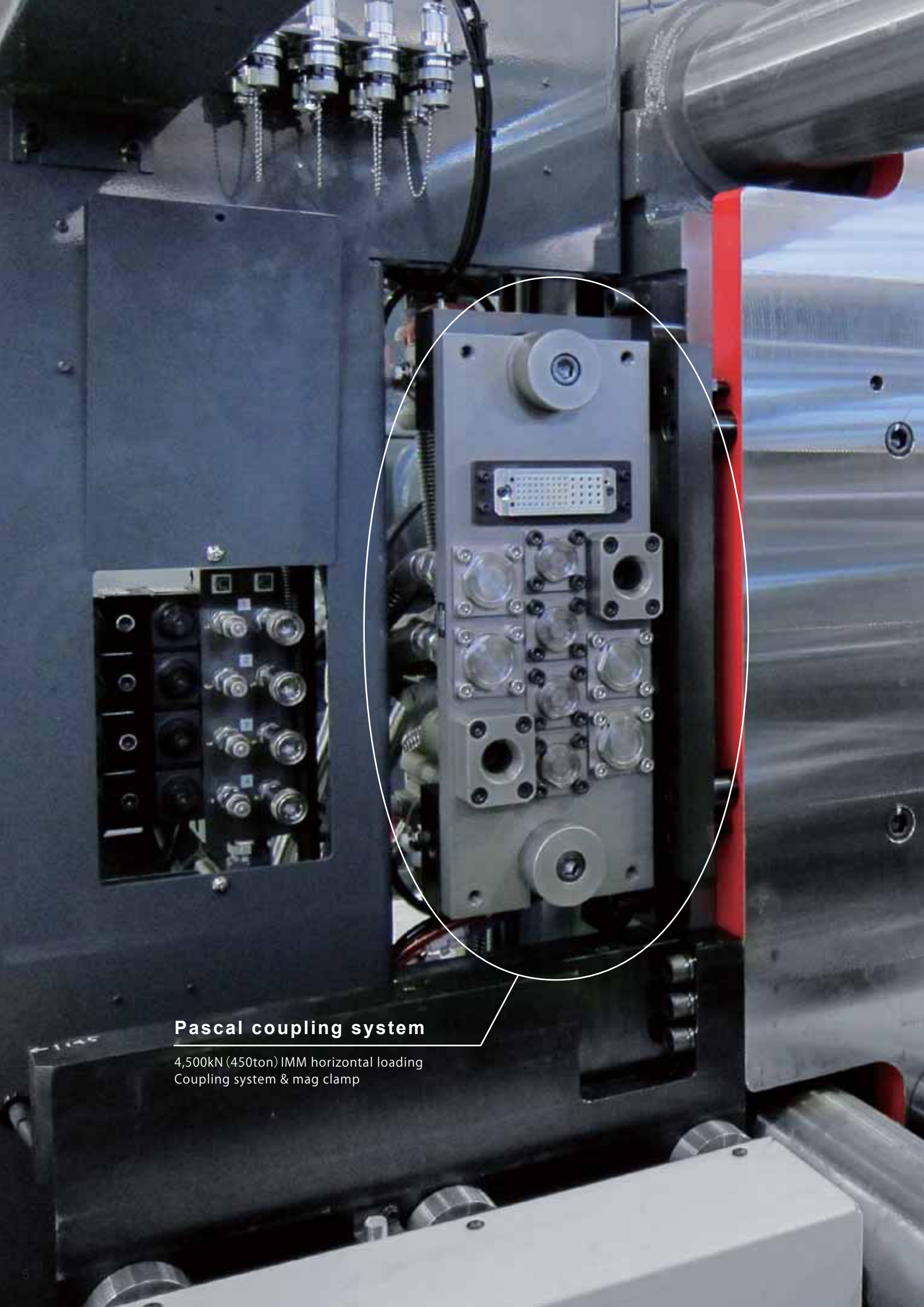




Pascal coupling system

35,000kN (3,500ton) IMM horizontal loading
Coupling system & hydraulic clamp TKC





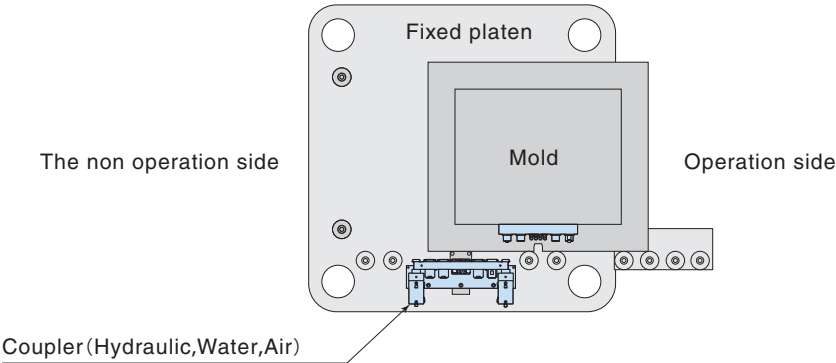
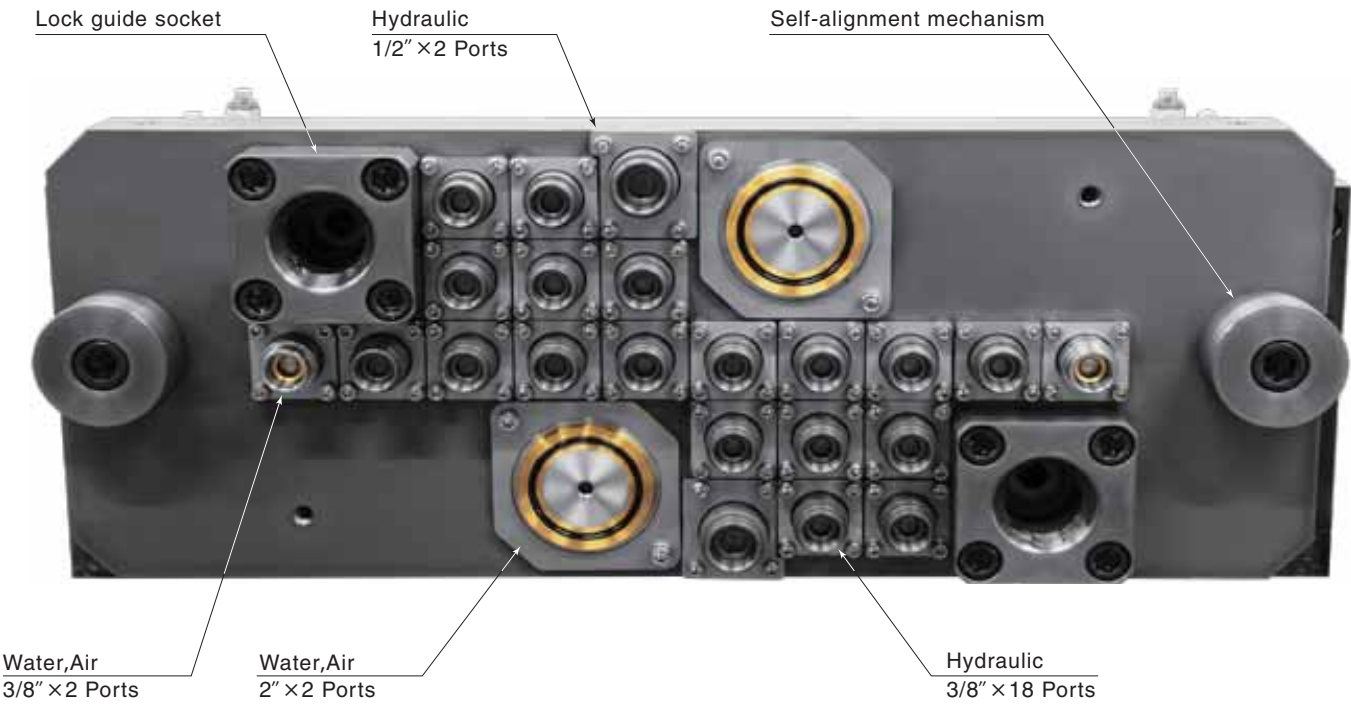
Pascal coupling system

4,500kN (450ton) IMM horizontal loading
Coupling system & mag clamp



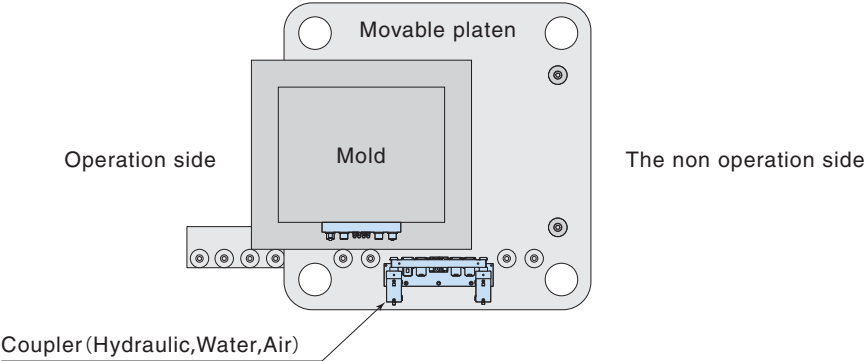
* The size width × height is value excluding the bracket.

Machine side
width : 720 × height : 280 (mm)



Fluid	Hydraulic (General mineral based hydraulic oil)					Water & Air									Electric connector
Connection port	1/4"	3/8"	1/2"	3/4"	1"	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	
Pieces		18	2					2						2	

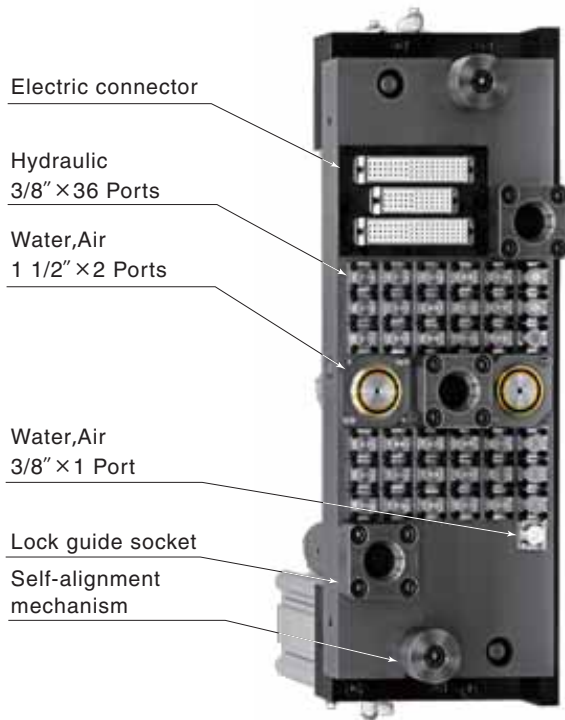
Machine side
width : 450 × height : 180 (mm)



Fluid	Hydraulic (General mineral based hydraulic oil)					Water & Air								Electric connector
Connection port	1/4"	3/8"	1/2"	3/4"	1"	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
Pieces			2					2						2

Fixed machine side

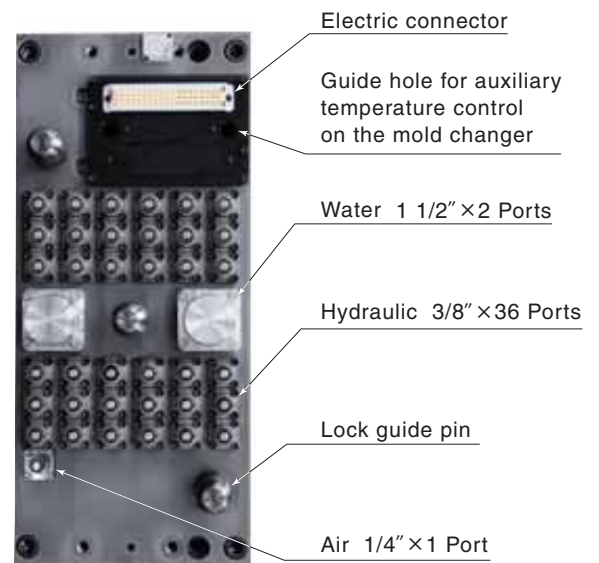
width : 320 × height : 850 (mm)



* The size width × height is value excluding the bracket.

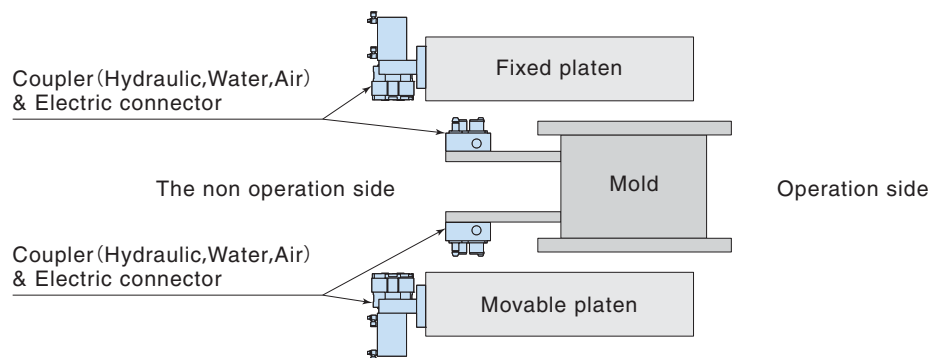
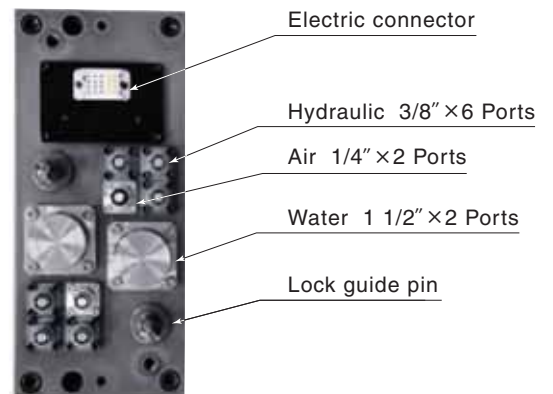
Fixed mold side

width : 320 × height : 730 (mm)



Movable mold side

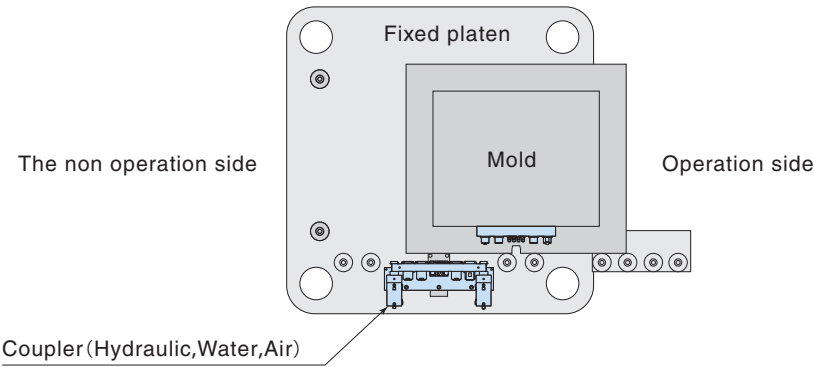
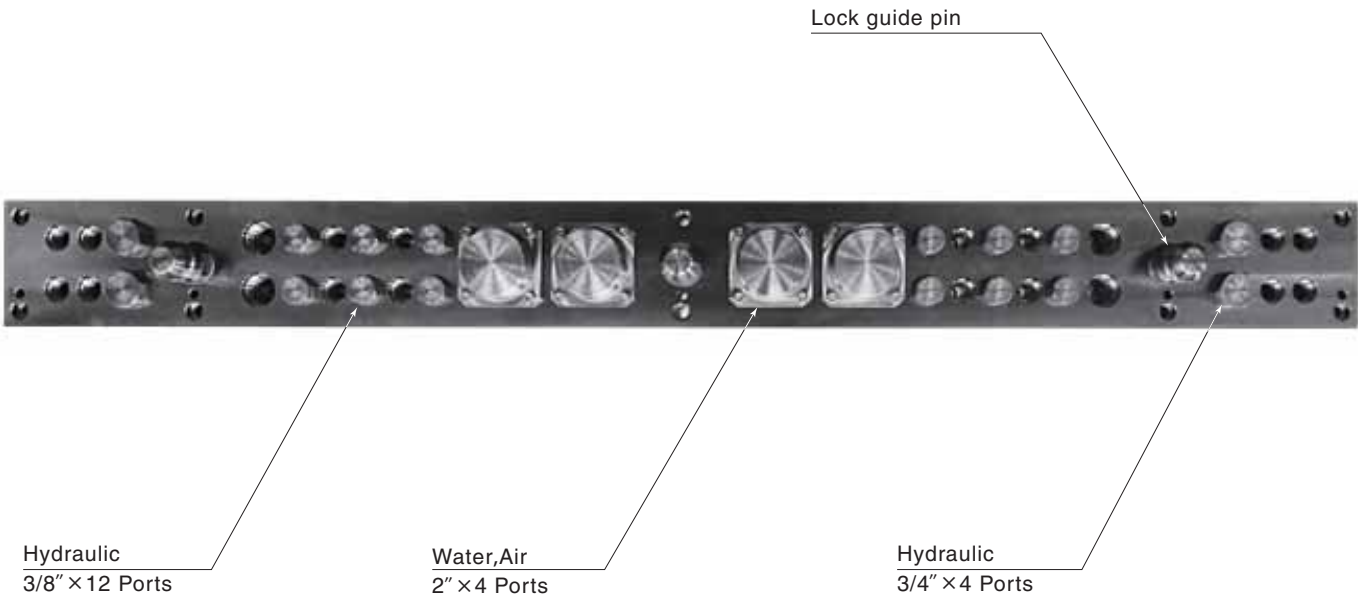
width : 210 × height : 480 (mm)



Fluid		Hydraulic (General mineral based hydraulic oil)					Water & Air									Electric connector
Connection port		1/4"	3/8"	1/2"	3/4"	1"	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	
Pieces	Fixed platen		36						1					2		○
	Movable platen		6					2						2		○

Mold side

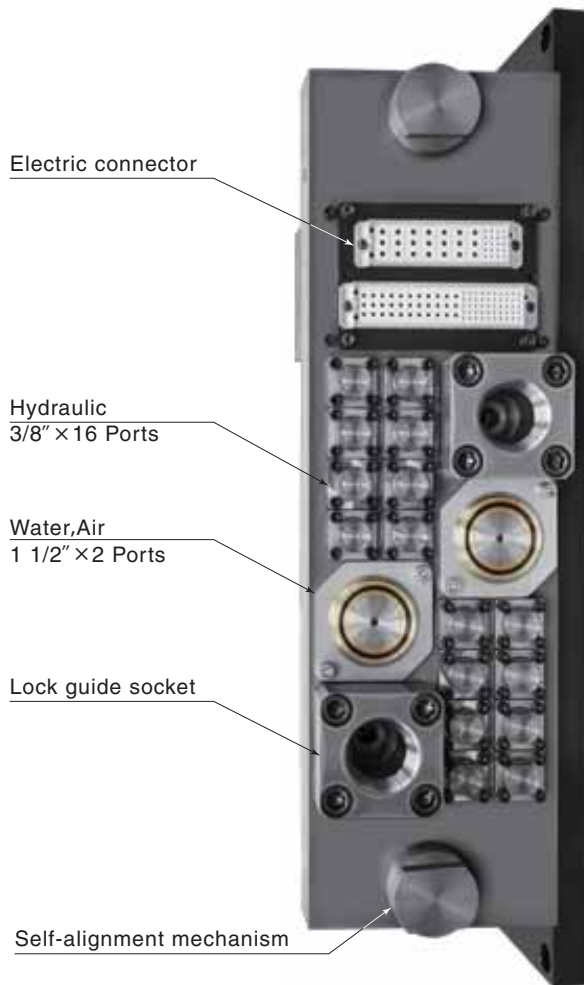
width : 1,660 × height : 150 (mm)



Fluid	Hydraulic (General mineral based hydraulic oil)					Water & Air									Electric connector
Connection port	1/4"	3/8"	1/2"	3/4"	1"	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	
Pieces		12		4										4	

Fixed machine side

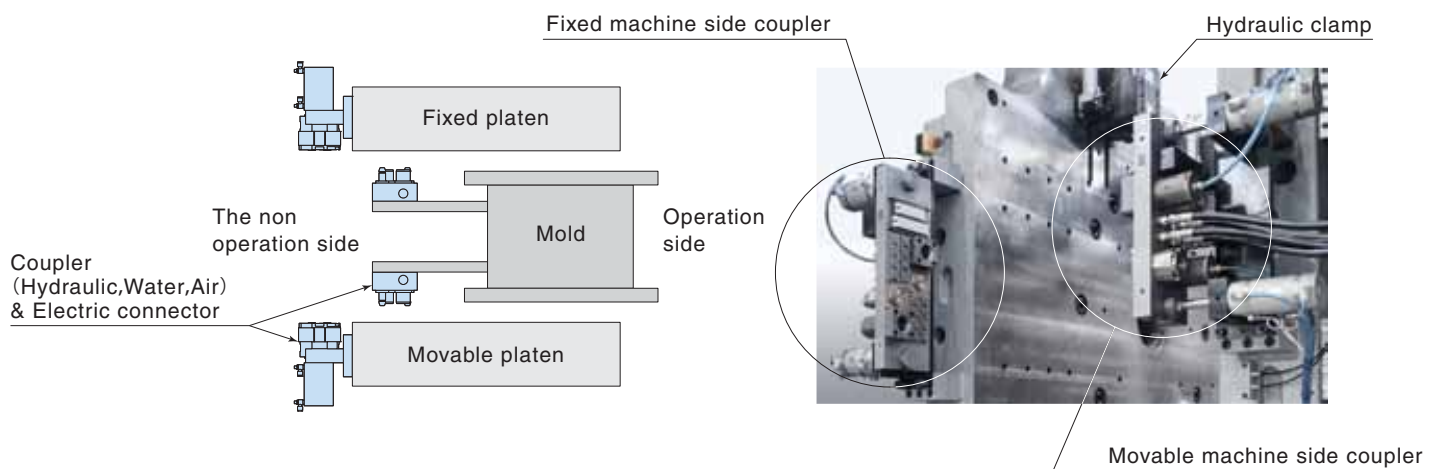
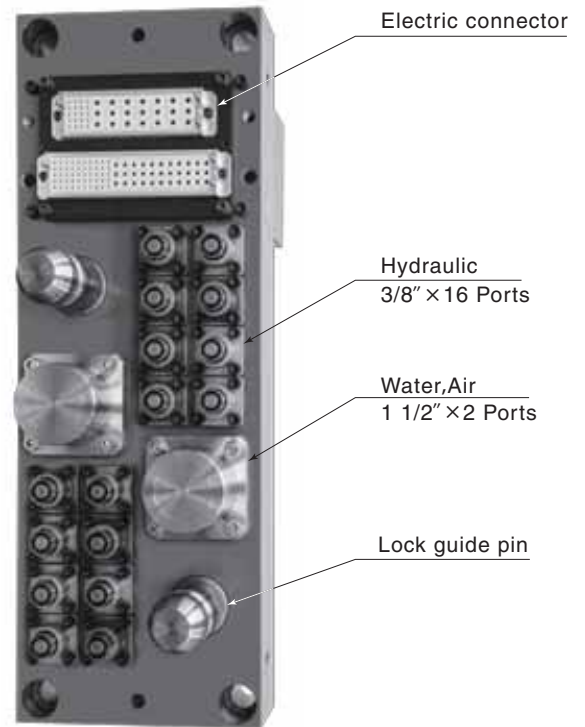
width : 210 × height : 710 (mm)



Fixed Mold side

width : 210 × height : 600 (mm)

* The size width × height is value excluding the bracket.



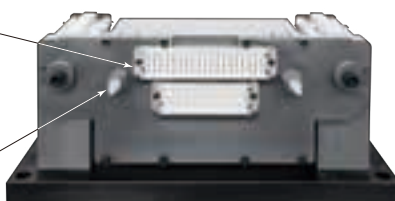
Fluid		Hydraulic (General mineral based hydraulic oil)					Water & Air								Electric connector	
Connection port		1/4"	3/8"	1/2"	3/4"	1"	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	
Pieces	Fixed platen		16											2		○
	Movable platen		6											2		○

Fixed machine side Electric connector

width : 400 × height : 155 (mm)

Electric connector

Guide pin



* The size width × height is value excluding the bracket.

Movable machine side auto coupler

width : 320 × height : 810 (mm)

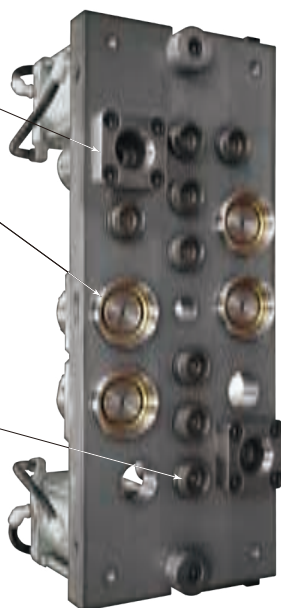
Fixed machine side auto coupler

width : 350 × height : 925 (mm)

Lock guide socket

Water 2" × 4 Ports

Hydraulic 3/4" × 8 Ports



Water,Air 3/8" × 1 Port

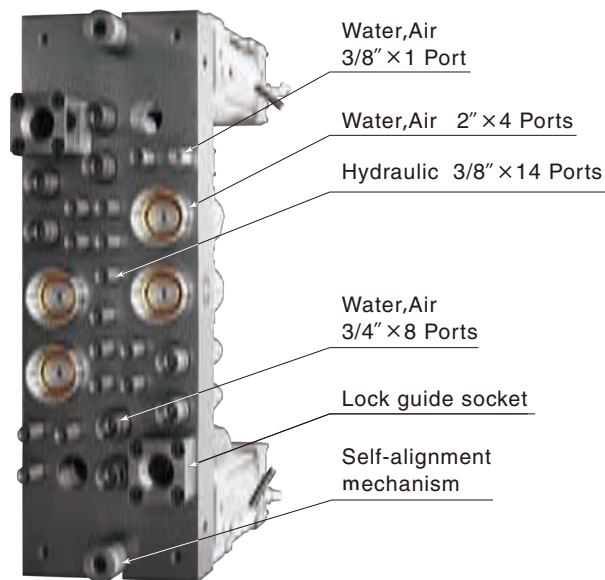
Water,Air 2" × 4 Ports

Hydraulic 3/8" × 14 Ports

Water,Air 3/4" × 8 Ports

Lock guide socket

Self-alignment mechanism

Movable machine side
Electric connectorFixed machine side
Electric connector

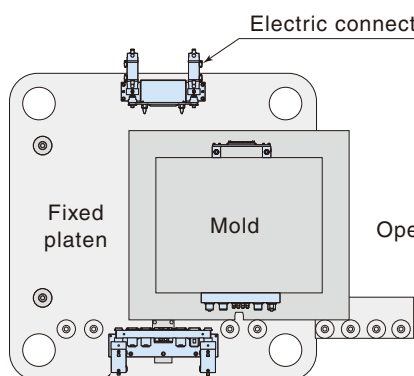
Electric connector

The non operation side

Fixed platen

Mold

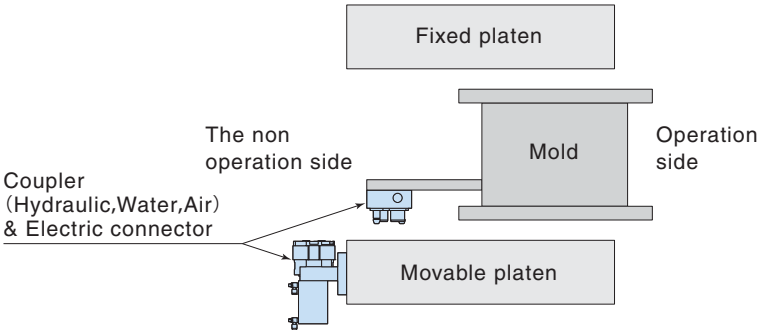
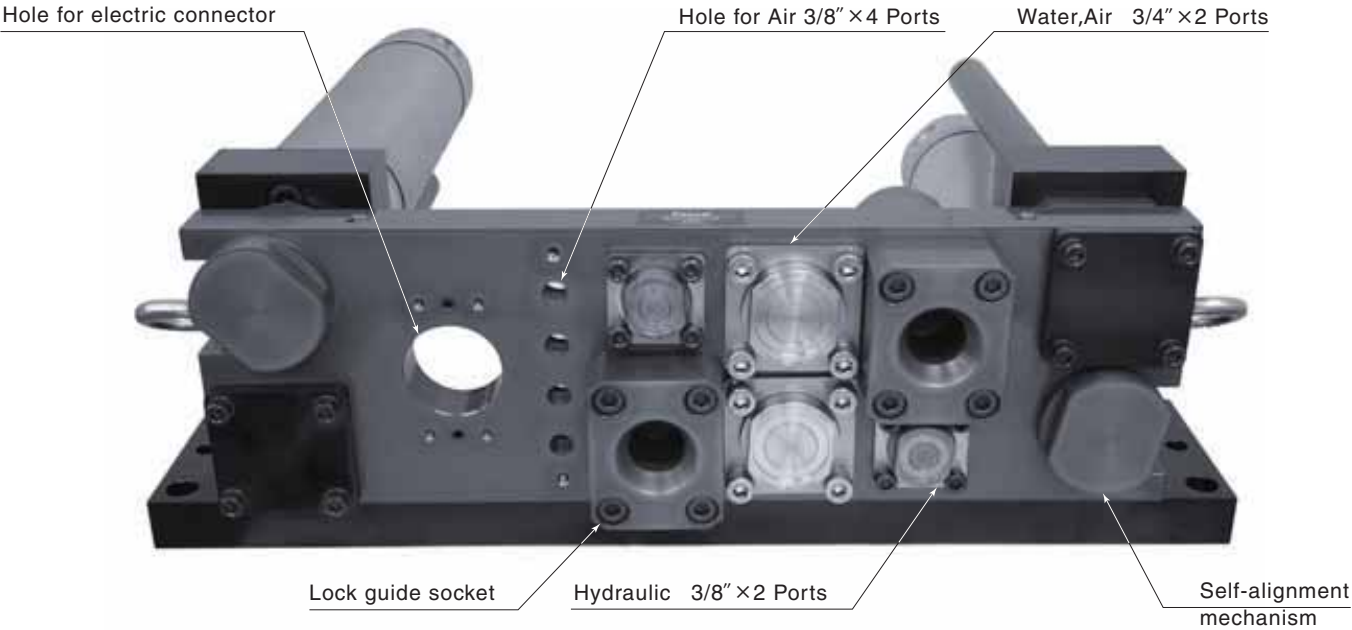
Operation side

Coupler
(Hydraulic,Water,Air)Movable machine side
CouplerFixed machine side
Coupler

Fluid		Hydraulic (General mineral based hydraulic oil)					Water & Air								Electric connector	
Connection port		1/4"	3/8"	1/2"	3/4"	1"	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"		2"
Pieces	Fixed platen		14						1		8				4	○
	Movable platen										8				4	○

Movable machine side

width : 420 × height : 130 (mm)



Fluid	Hydraulic (General mineral based hydraulic oil)					Water & Air									Electric connector
Connection port	1/4"	3/8"	1/2"	3/4"	1"	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	
Pieces		2						(4)		2					
															Mountable

Machine side

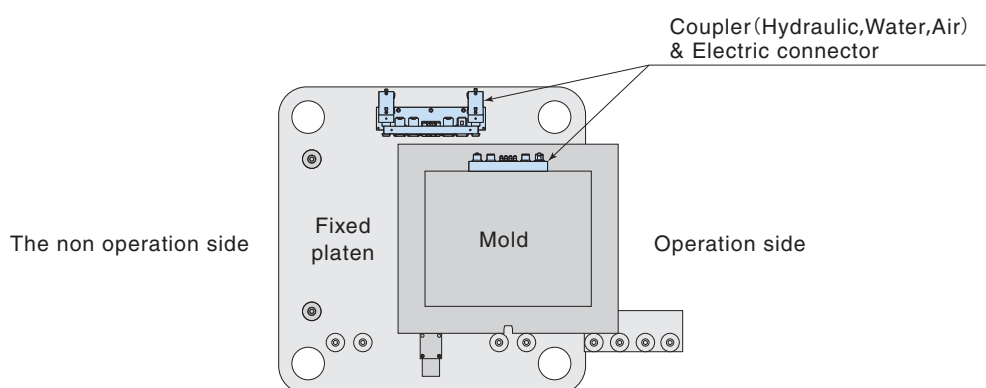
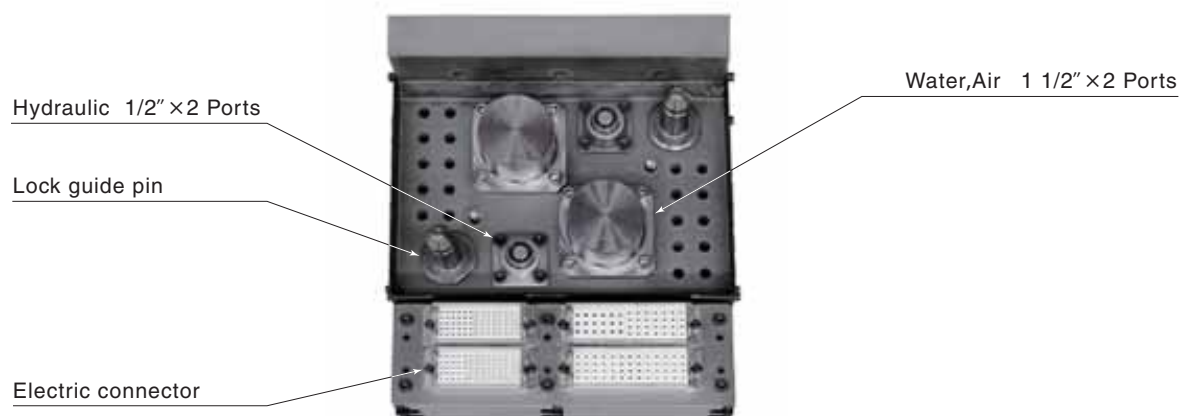
width : 455 × height : 300 (mm)

* The size width × height is value excluding the bracket.



Mold side

width : 300 × height : 350 (mm)

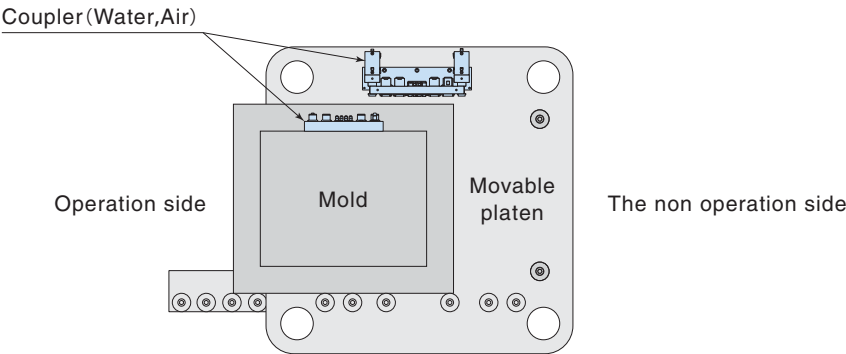


Fluid	Hydraulic (General mineral based hydraulic oil)					Water & Air								Electric connector	
Connection port	1/4"	3/8"	1/2"	3/4"	1"	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	
Pieces			2					20					2		○

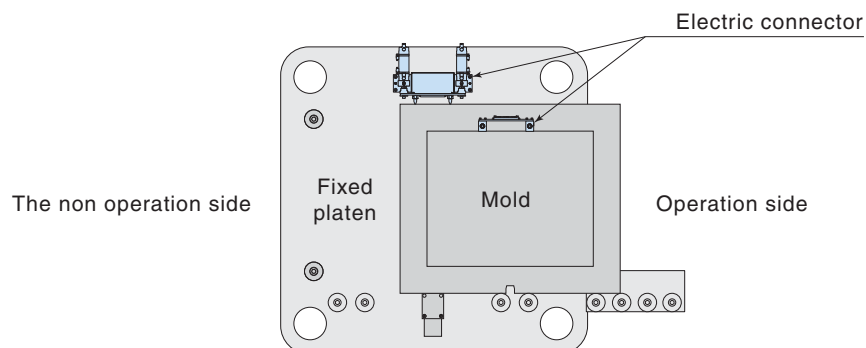
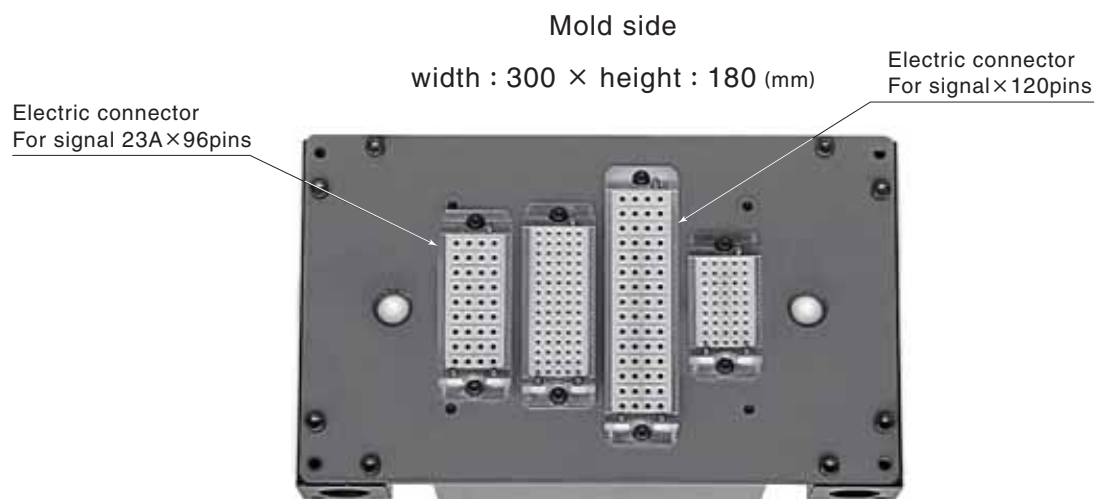
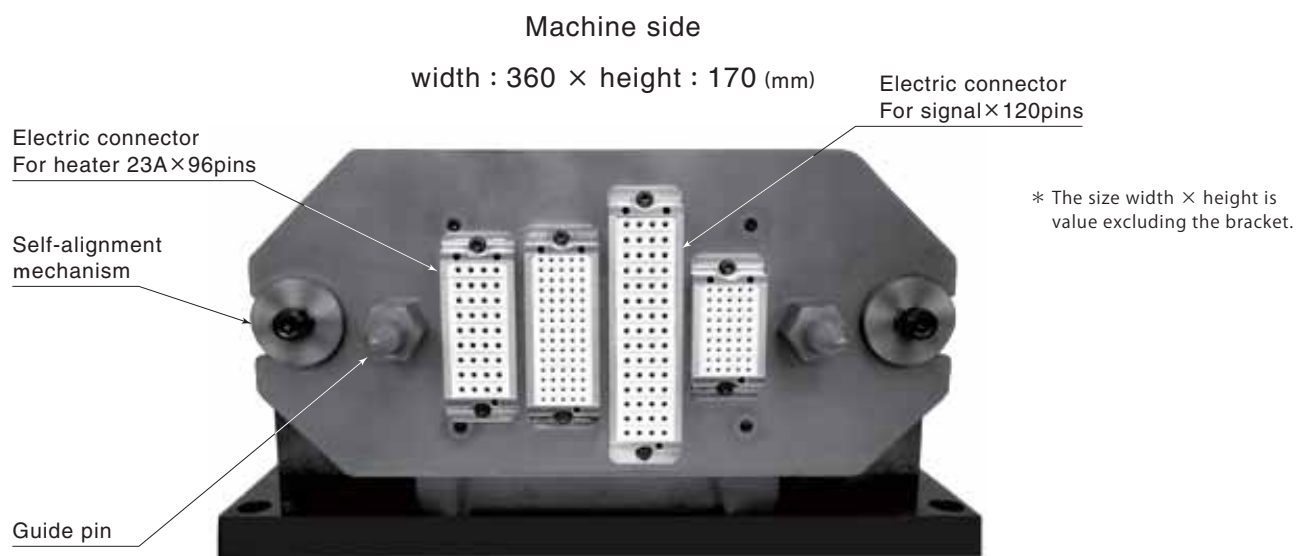
* The size width × height is value excluding the bracket.

Machine side

width : 510 × height : 160 (mm)

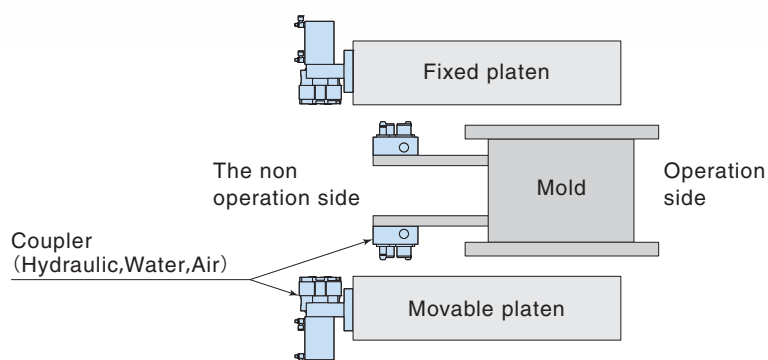
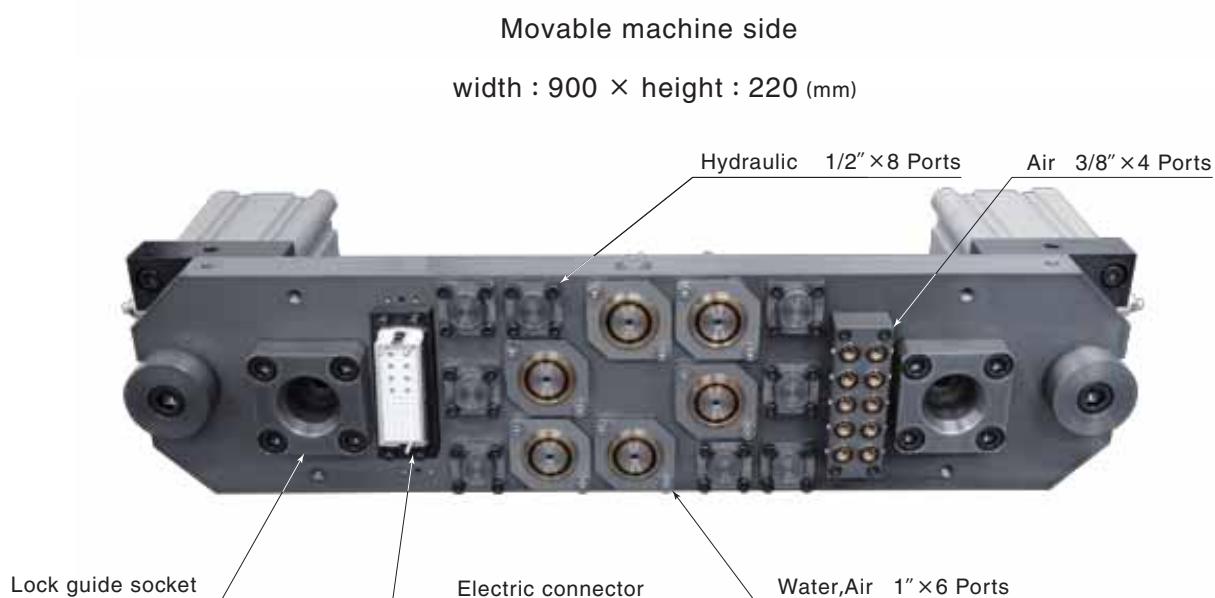


Fluid	Hydraulic (General mineral based hydraulic oil)					Water & Air									Electric connector
Connection port	1/4"	3/8"	1/2"	3/4"	1"	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	
Pieces								2			5				



Electric connector

For heater 23A × 96pins For signal × 120pins



Fluid		Hydraulic (General mineral based hydraulic oil)					Water & Air								Electric connector	
Connection port		1/4"	3/8"	1/2"	3/4"	1"	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"		2"
Pieces	Fixed platen			4					20			4				Mountable
	Movable platen			8					10			6				Mountable

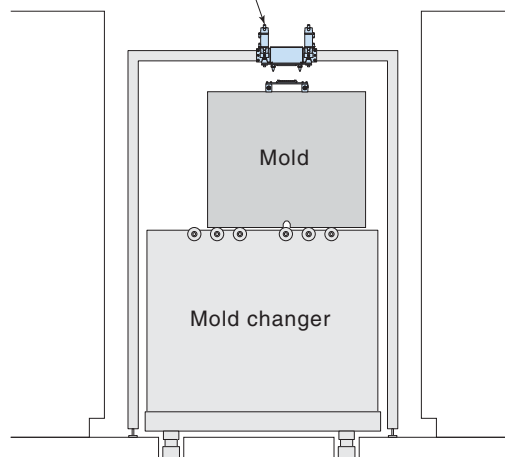
Machine side
width : 440 × height : 170 (mm)

* The size width × height is
value excluding the bracket.

Electric connector×37pins



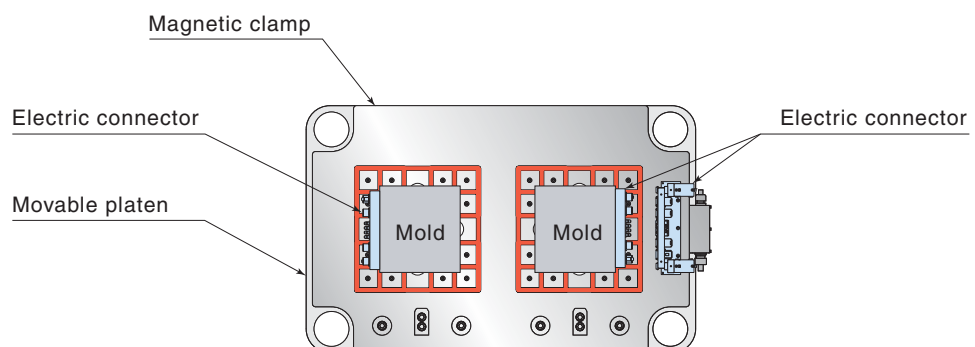
Electric connector
(Mounting position:
Upper part of mold changer)



Electric connector

37pins × 3

width : 198 × height : 45 (mm)



Electric connector

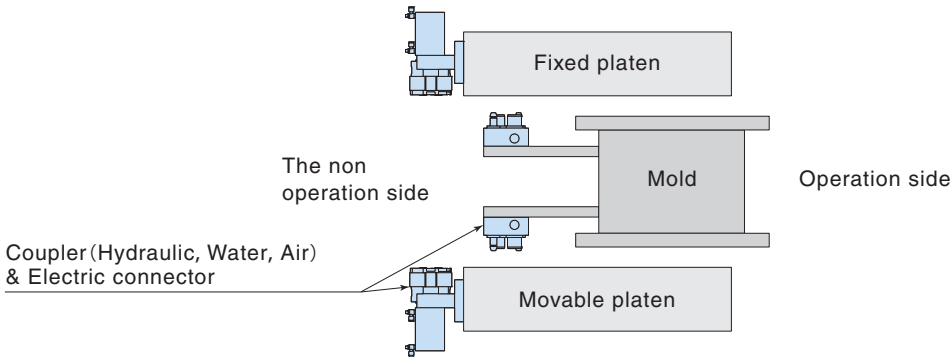
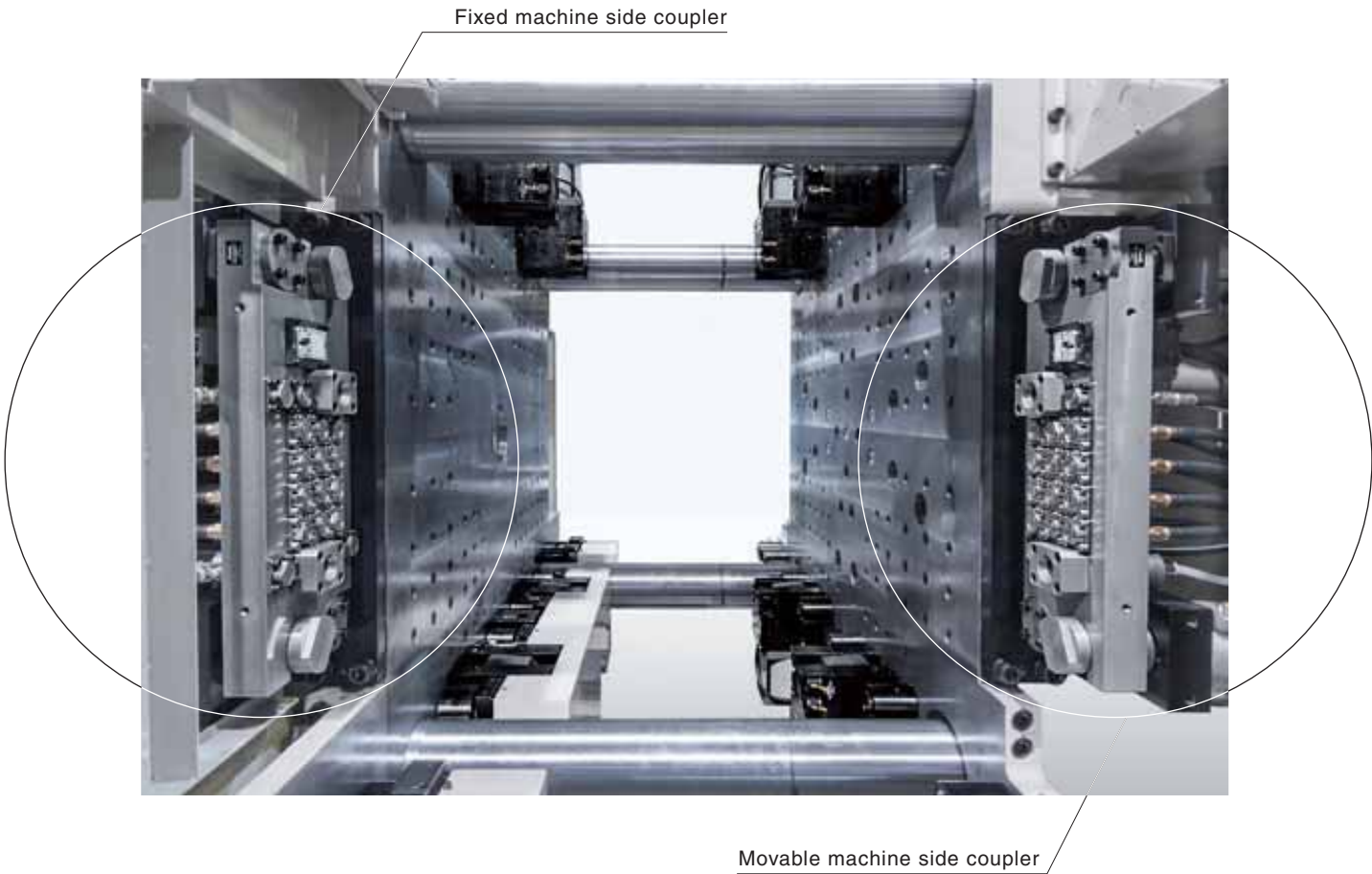
For power of mag clamp 60A × 8pins

Fixed platen side

Movable platen side

width : 210 × height : 550 (mm)

width : 175 × height : 550 (mm)



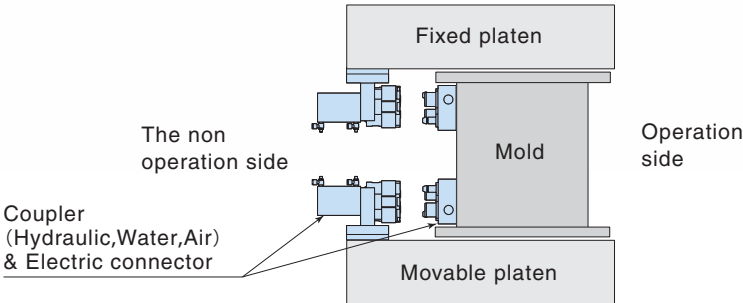
Fluid		Hydraulic (General mineral based hydraulic oil)					Water & Air									Electric connector
Connection port		1/4"	3/8"	1/2"	3/4"	1"	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	
Pieces	Fixed platen	6							12							○
	Movable platen	2							12							○

Fixed machine side

width : 430 × height : 175 (mm)

Fixed Mold side

width : 350 × height : 175 (mm)



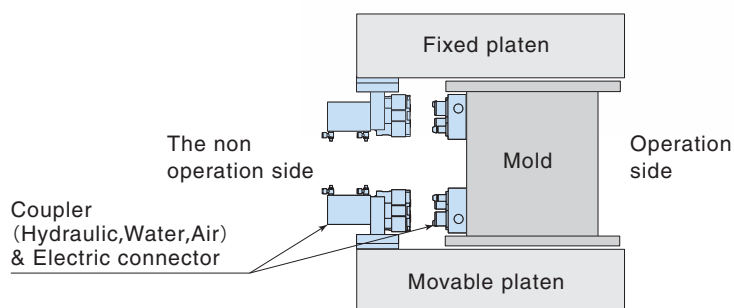
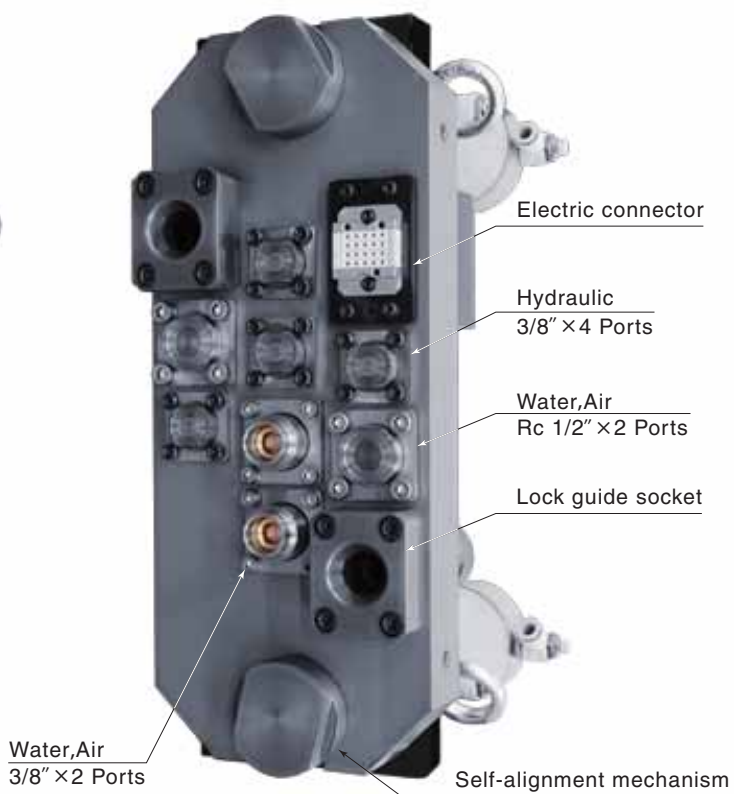
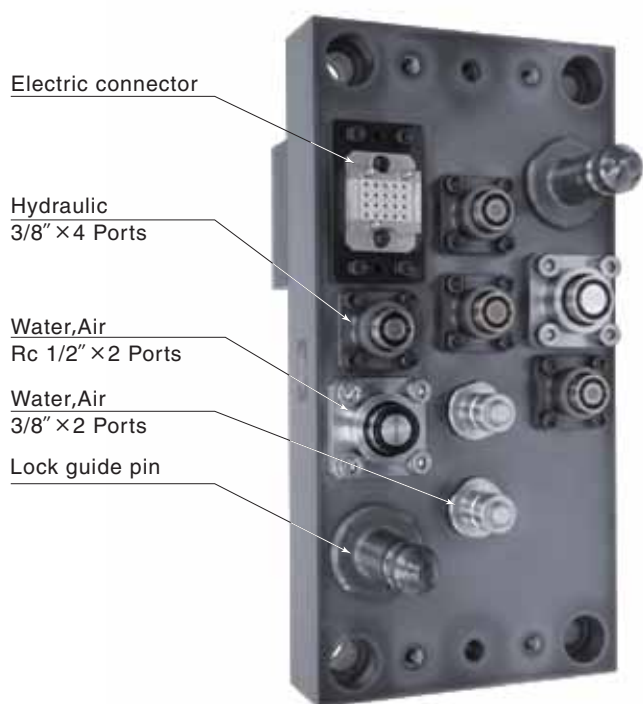
Fluid	Hydraulic (General mineral based hydraulic oil)					Water & Air									Electric connector
Connection port	1/4"	3/8"	1/2"	3/4"	1"	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	
Pieces		4						2	2						

Movable Mold side

width : 350 × height : 175 (mm)

Movable machine side

width : 430 × height : 175 (mm)



Fluid	Hydraulic (General mineral based hydraulic oil)					Water & Air										Electric connector
Connection port	1/4"	3/8"	1/2"	3/4"	1"	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"		
Pieces		4						2	2							○

Mold side

width : 580 × height : 200 (mm)

* The size width × height is value excluding the bracket.

Electric connector



Machine side

width : 510 × height : 180 (mm)

Hydraulic 3/8" × 4 Ports

Self-alignment mechanism

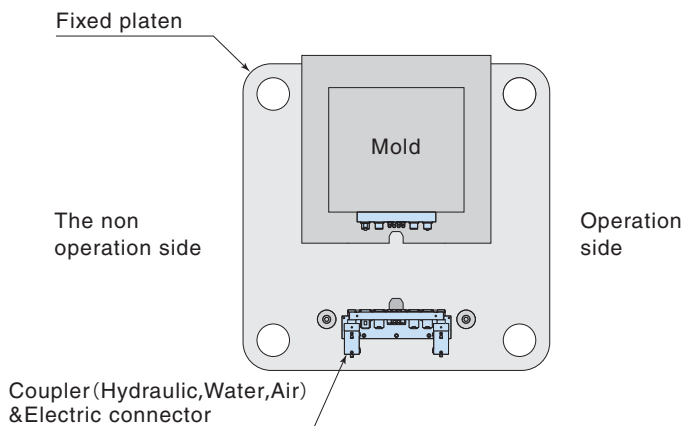
Electric connector

Water, Air 1" × 2 Ports

Mold detection proximity switch

Lock guide socket

Water, Air 3/8" × 4 Ports



Coupler

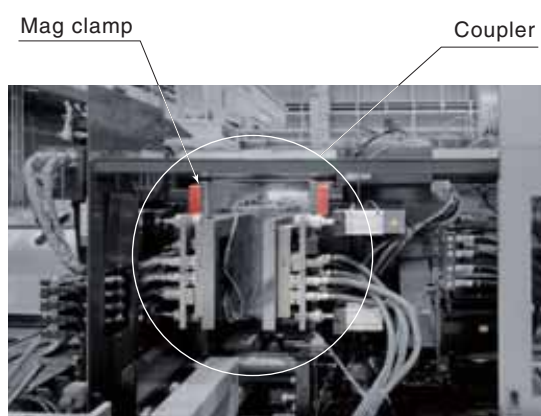
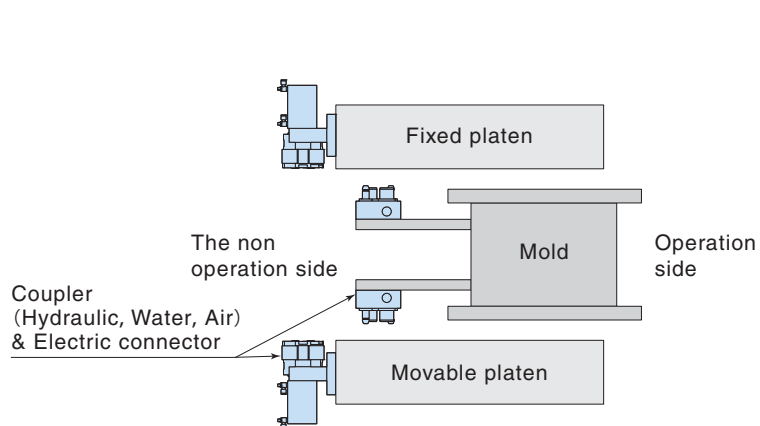
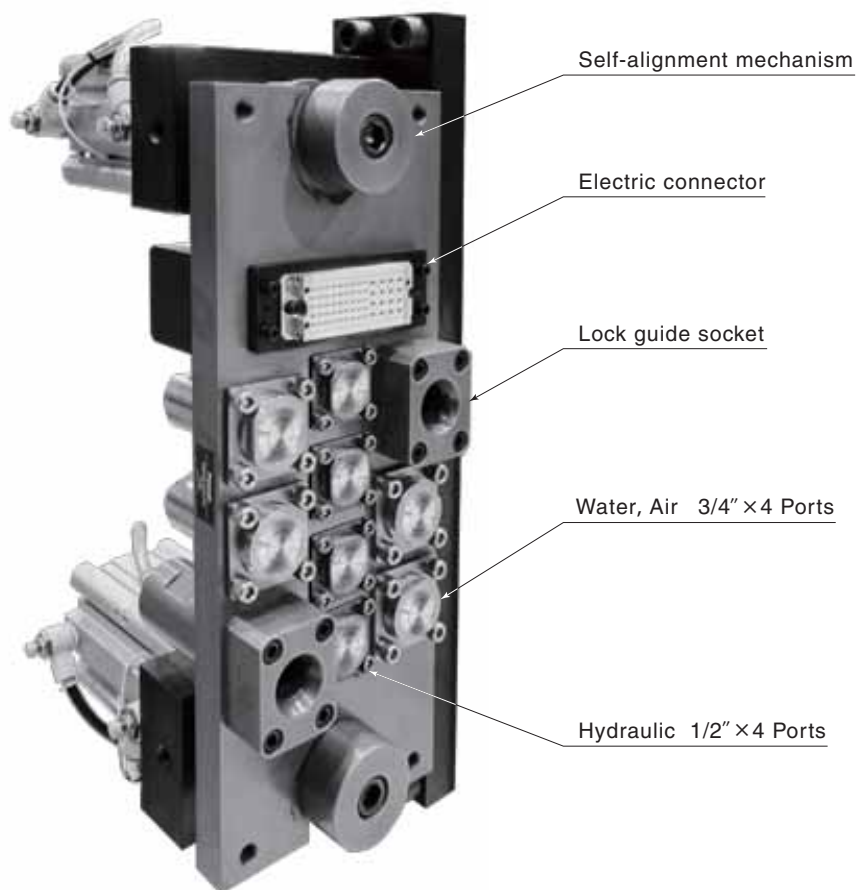


Fluid		Hydraulic (General mineral based hydraulic oil)					Water & Air								Electric connector	
Connection port		1/4"	3/8"	1/2"	3/4"	1"	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"		2"
Pieces	Fixed platen		4						4			2				○
	Movable platen								4			2				○

Machine side (Movable platen)

width : 180 × height : 465 (mm)

* The size width × height is value excluding the bracket.



Fluid		Hydraulic (General mineral based hydraulic oil)					Water & Air								Electric connector	
Connection port		1/4"	3/8"	1/2"	3/4"	1"	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"		2"
Pieces	Fixed platen			4							4					○
	Movable platen			4							4					○

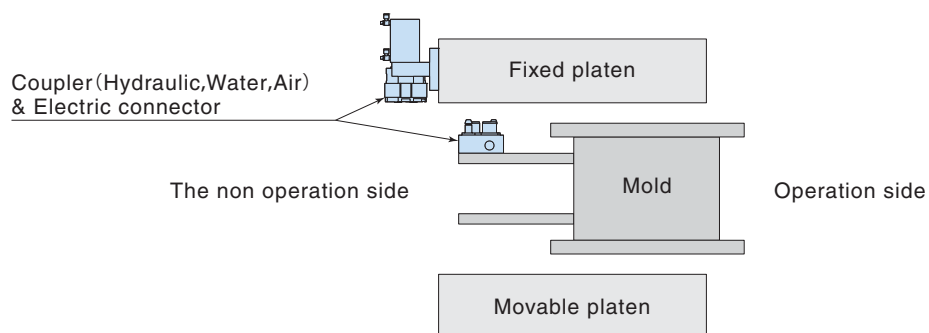
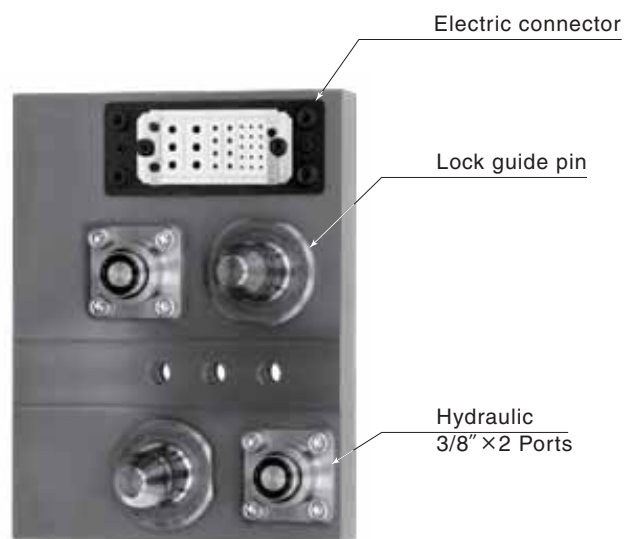
Machine side

width : 125 × height : 325 (mm)

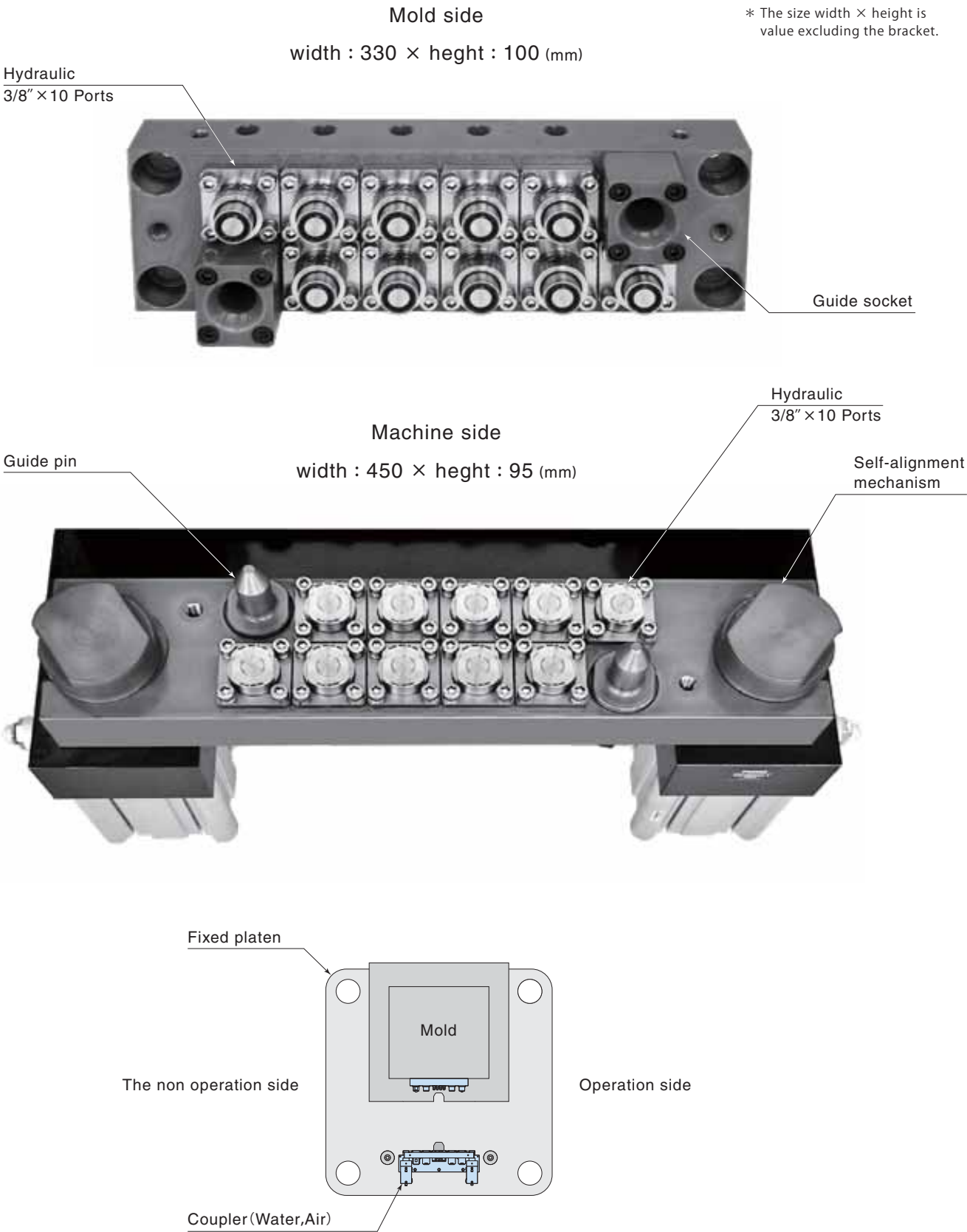
Mold side

width : 150 × height : 200 (mm)

* The size width × height is value excluding the bracket.



Fluid	Hydraulic (General mineral based hydraulic oil)					Water & Air									Electric connector
Connection port	1/4"	3/8"	1/2"	3/4"	1"	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	
Pieces		2						3							



Fluid	Hydraulic (General mineral based hydraulic oil)					Water & Air								Electric connector
Connection port	1/4"	3/8"	1/2"	3/4"	1"	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
Pieces								10						

* The size width × height is value excluding the bracket.

Machine side

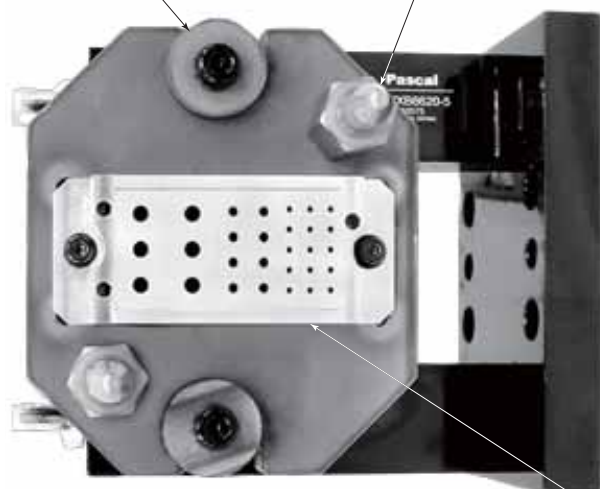
width : 115 × height : 100 (mm)

Mold side

width : 105 × height : 100 (mm)

Self-alignment
mechanism

Guide pin

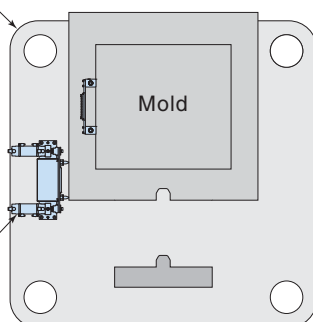


Electric connector
For heater 40A×6pins 23A×8pins
For signal×15pins

Fixed platen

The non operation side

Electric connector



Operation side

Electric connector

For heater 40A × 6pins, 23A × 8pins For signal × 15pins

Machine side

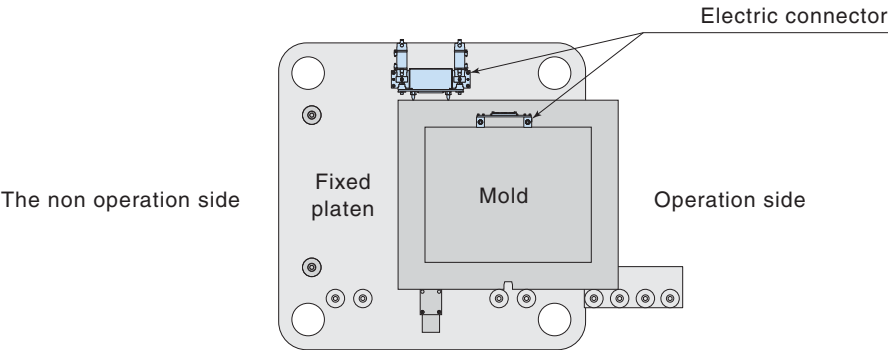
width : 140 × height : 85 (mm)

* The size width × height is value excluding the bracket.

Electric connector
24pins+30pins

Self-alignment
mechanism

Guide pin



Electric connector

24pins+30pins

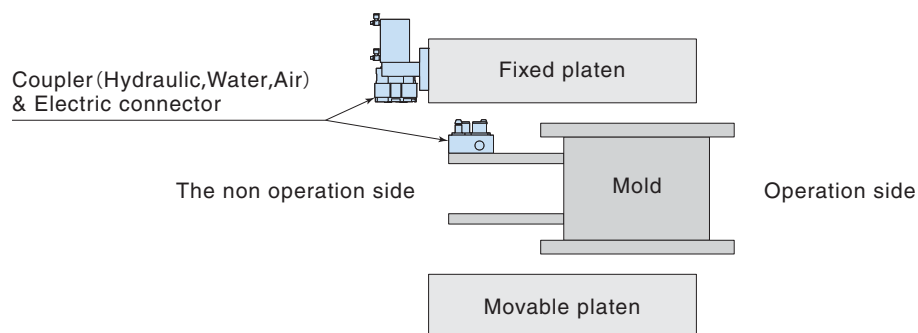
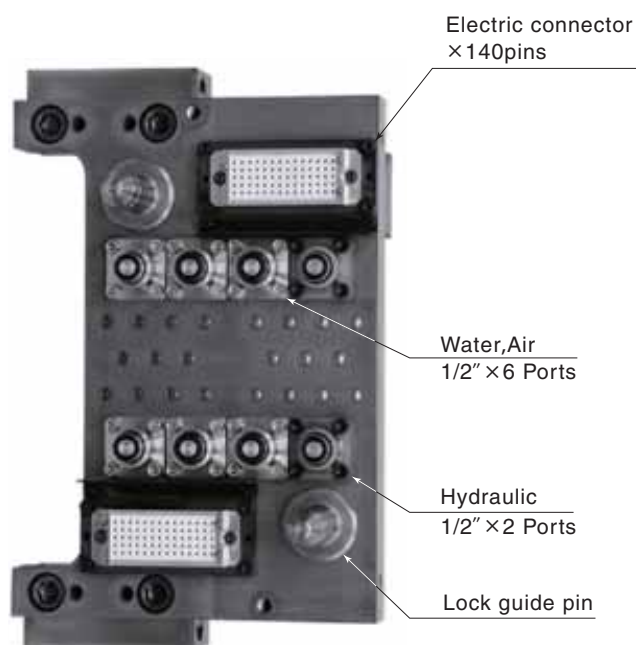
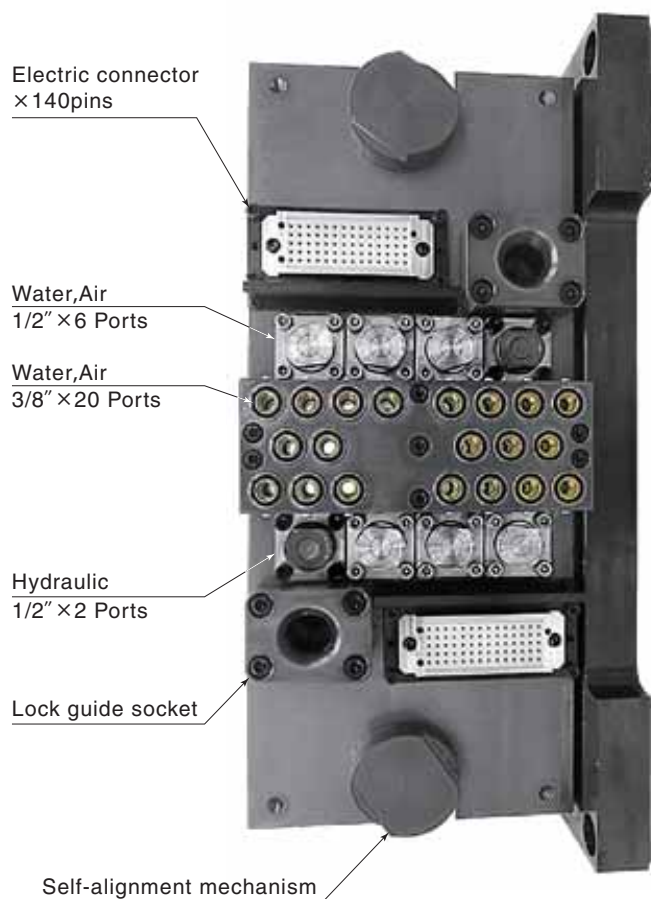
Machine side

width : 480 × height : 200 (mm)

Mold side

width : 350 × height : 250 (mm)

* The size width × height is value excluding the bracket.



Fluid	Hydraulic (General mineral based hydraulic oil)					Water & Air								Electric connector
Connection port	1/4"	3/8"	1/2"	3/4"	1"	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
Pieces			2					20	6					

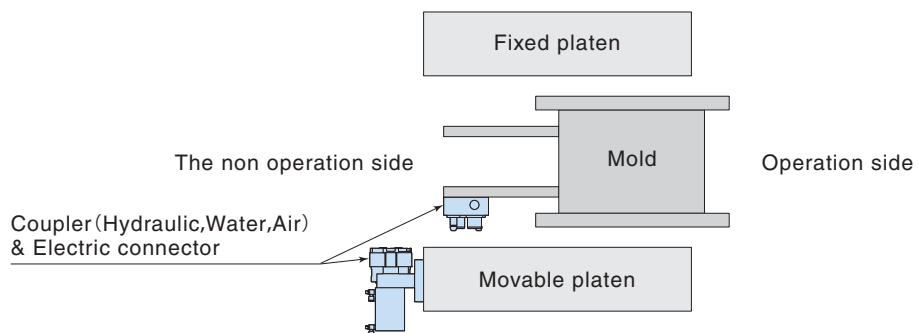
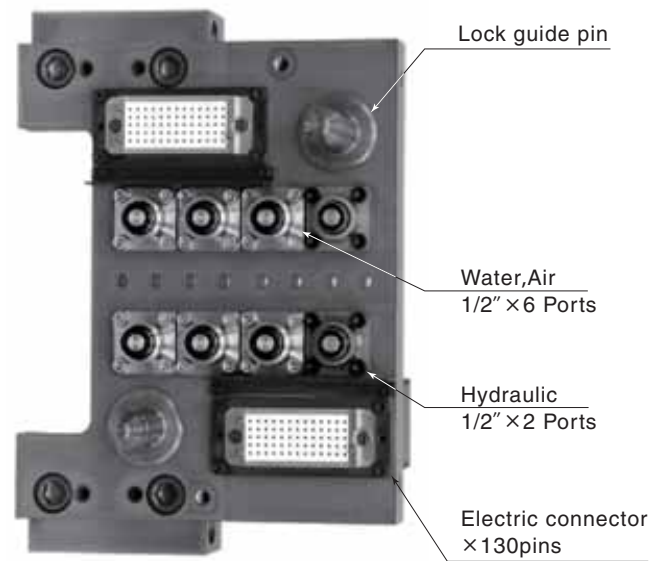
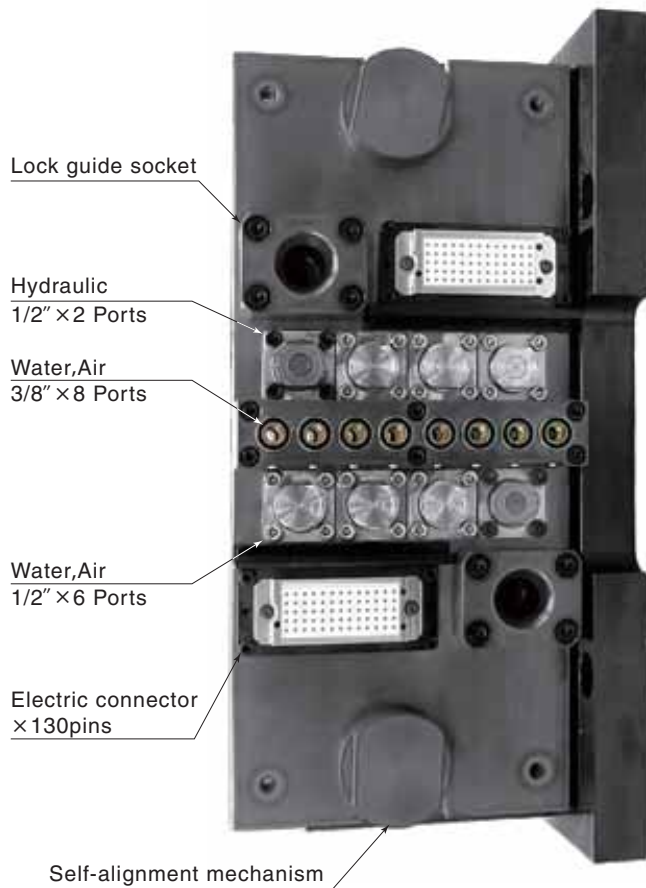
Machine side

width : 450 × height : 200 (mm)

Mold side

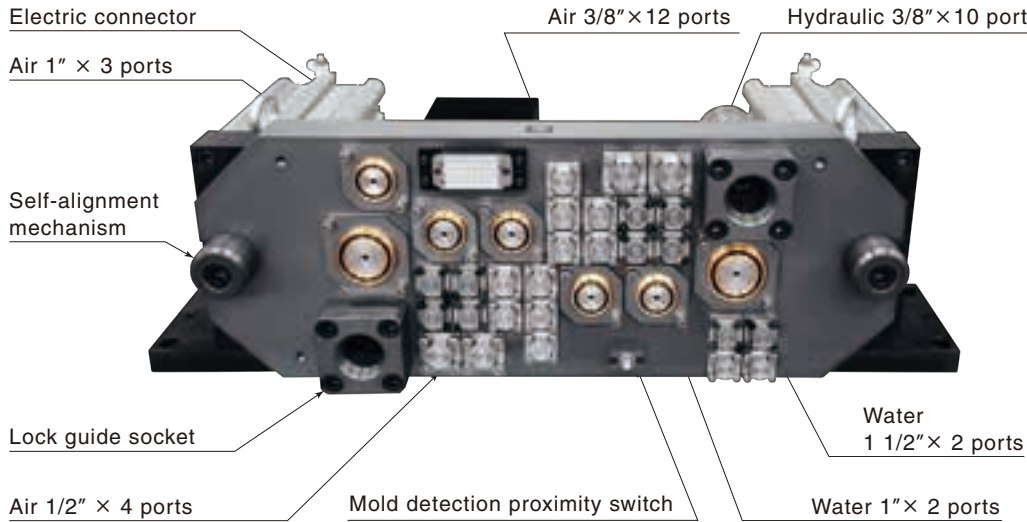
width : 310 × height : 250 (mm)

* The size width × height is value excluding the bracket.

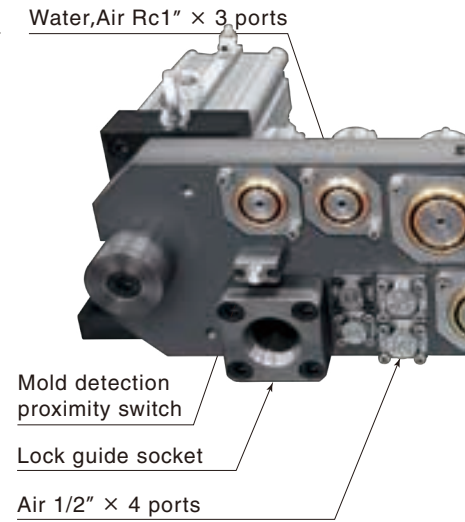


Fluid	Hydraulic (General mineral based hydraulic oil)					Water & Air										Electric connector
Connection port	1/4"	3/8"	1/2"	3/4"	1"	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"		
Pieces			2					8	6							130pins

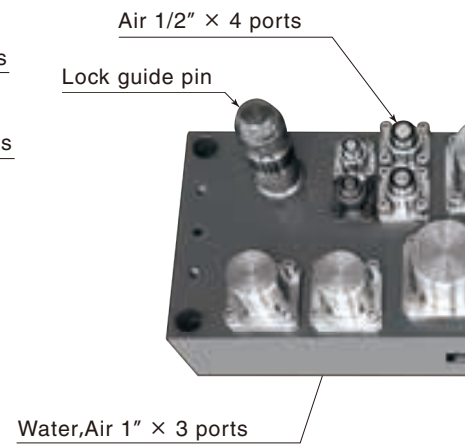
Machine side for Upper
width : 830 × height : 310 (mm)



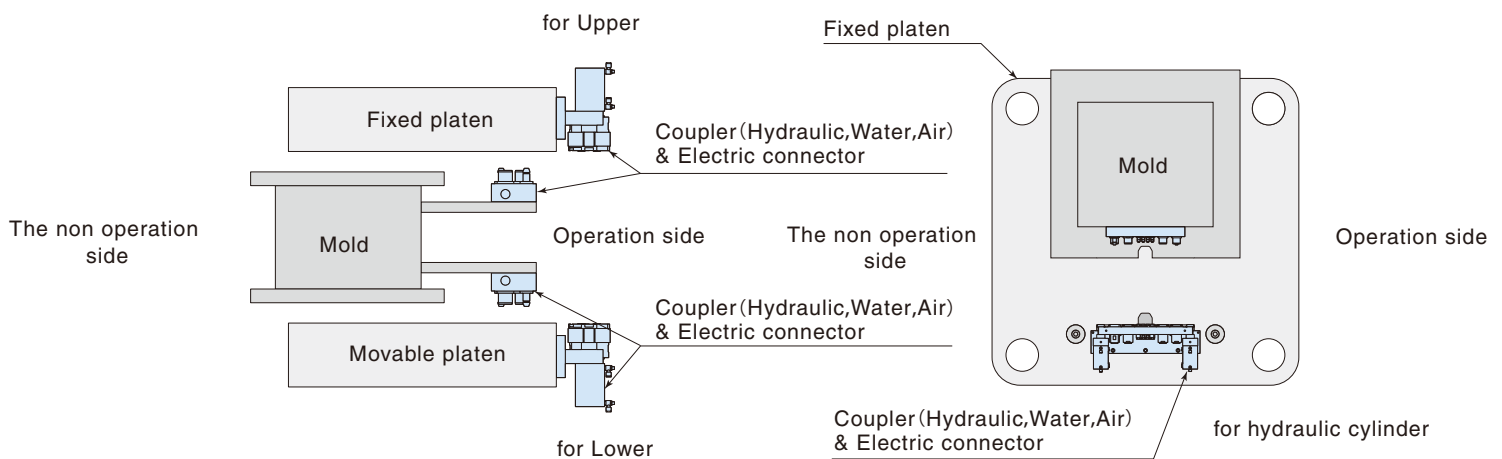
Machine side for Lower
width : 720 × height : 230 (mm)



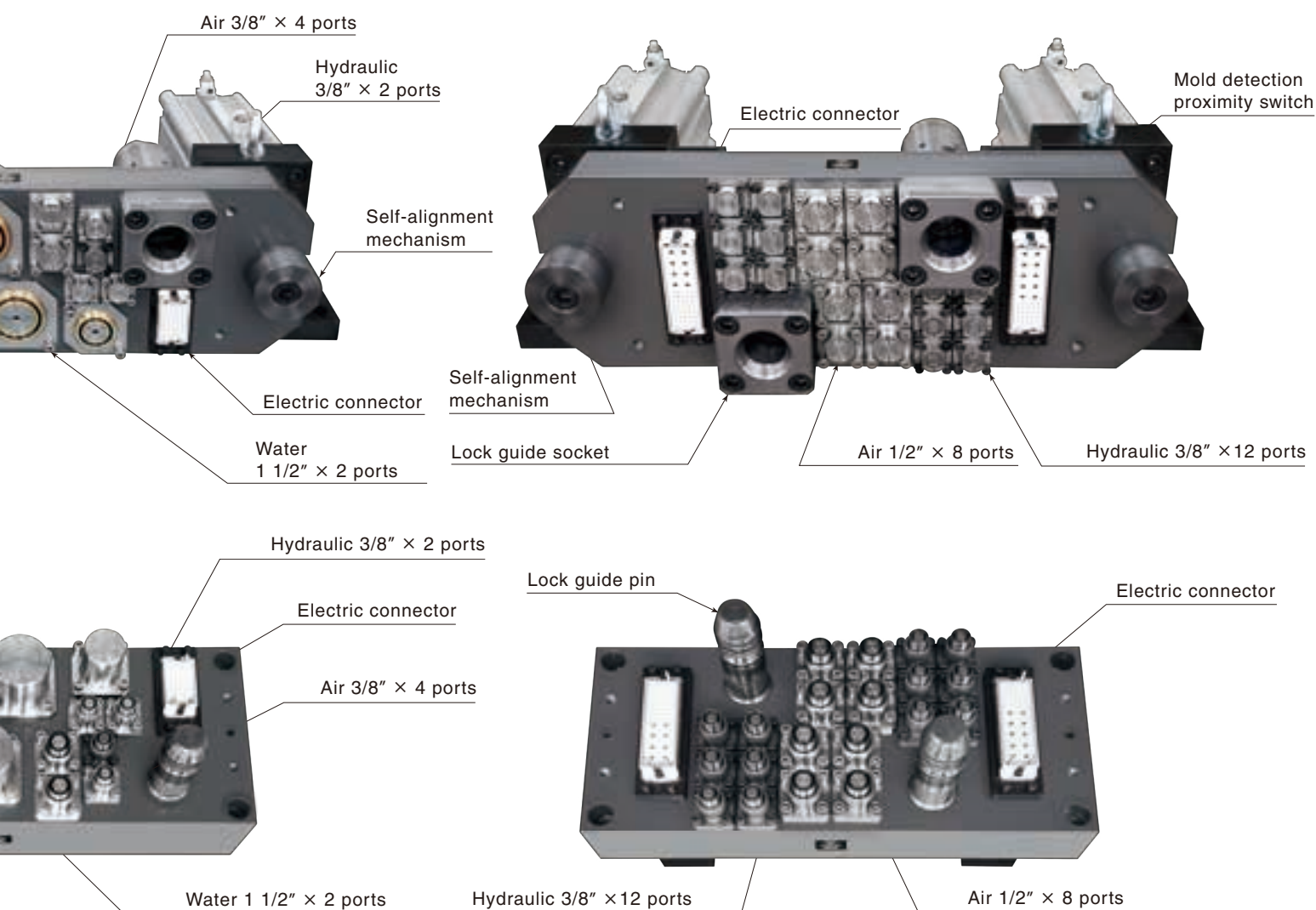
Mold side
width : 660 × height : 310 (mm)



Mold side
width : 570 × height : 230 (mm)



Machine side for hydraulic cylinder * The size width × height is value excluding the bracket.
width : 660 × height : 230 (mm)

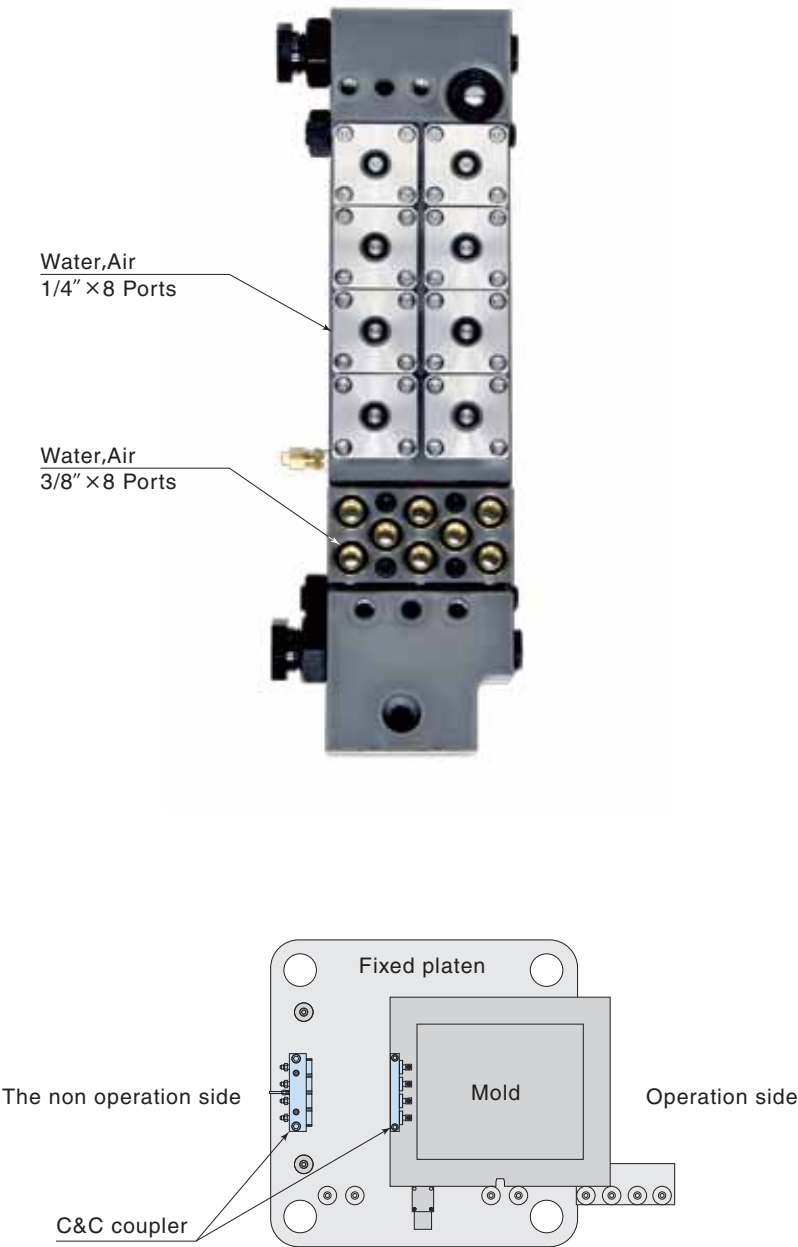


Mold side

width : 520 × height : 230 (mm)

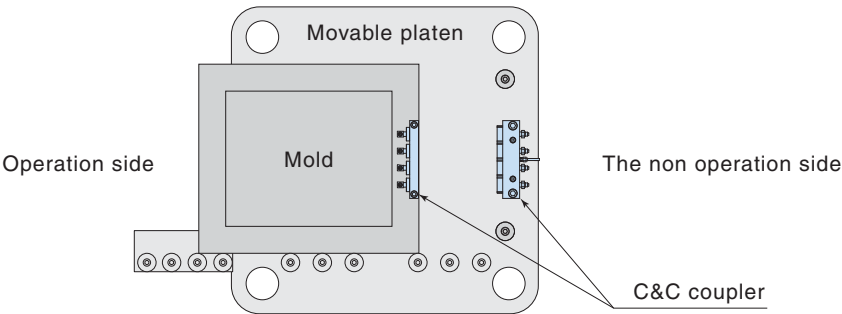
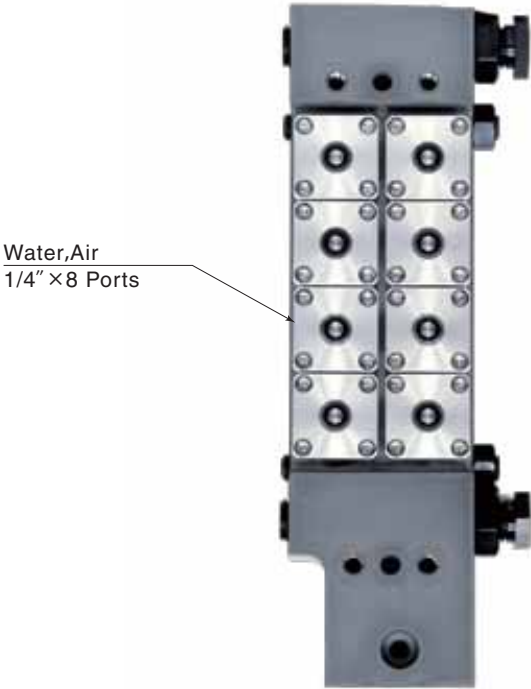
Fluid		Hydraulic (General mineral based hydraulic oil)					Water & Air									Electric connector
Connection port		1/4"	3/8"	1/2"	3/4"	1"	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	
Pieces	Upper		10						12	4		4		2		○
	Lower		2						4	4		3				○
	Hydraulic cylinder		12							8				2		○

Machine side C&C coupler
width : 100 × height : 410 (mm)



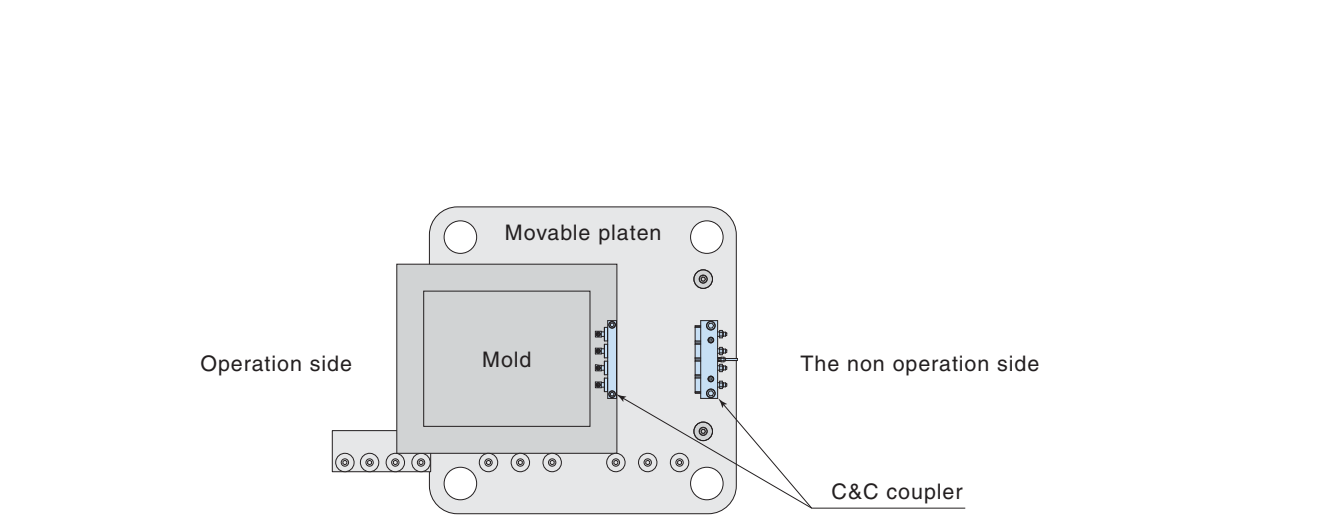
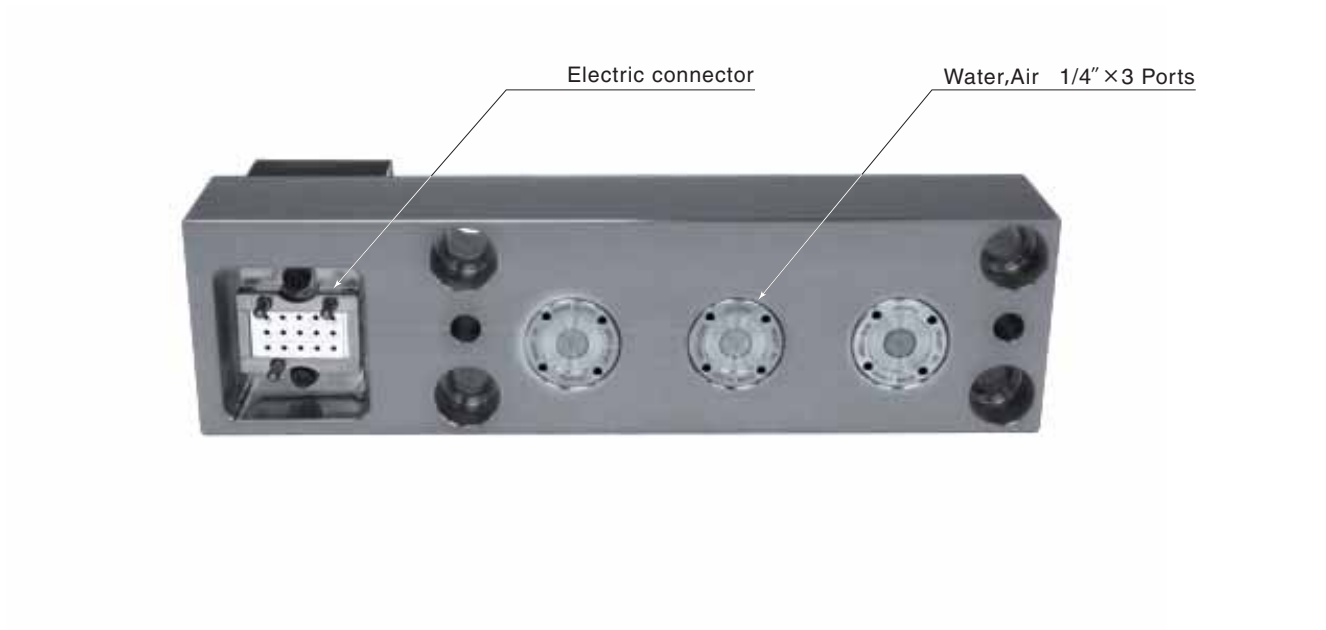
Fluid	Hydraulic (General mineral based hydraulic oil)					Water & Air									Electric connector
Connection port	1/4"	3/8"	1/2"	3/4"	1"	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	
Pieces							8	8							-

Machine side C&C coupler
width : 100 × height : 410 (mm)



Fluid	Hydraulic (General mineral based hydraulic oil)					Water & Air									Electric connector
Connection port	1/4"	3/8"	1/2"	3/4"	1"	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	
Pieces							8								

width : 260 × height : 70 (mm)



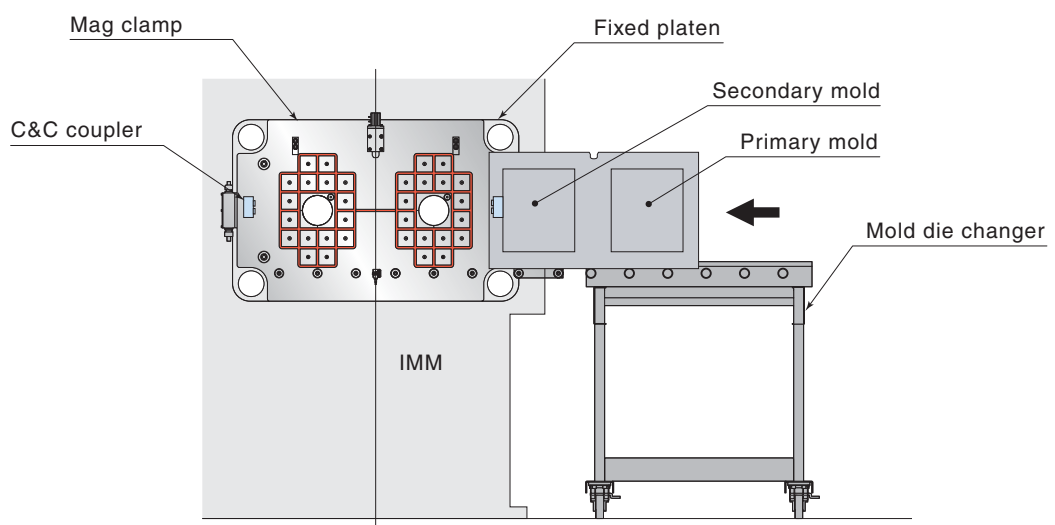
Fluid	Hydraulic (General mineral based hydraulic oil)					Water & Air									Electric connector
Connection port	1/4"	3/8"	1/2"	3/4"	1"	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	
Pieces							3								

C&C coupler

width : 75 × height : 110 (mm)

Mag clamp

C&C coupler



Fluid		Hydraulic (General mineral based hydraulic oil)					Water & Air								Electric connector	
Connection port		1/4"	3/8"	1/2"	3/4"	1"	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	
Pieces	Fixed platen							2								-
	Movable platen							2								-

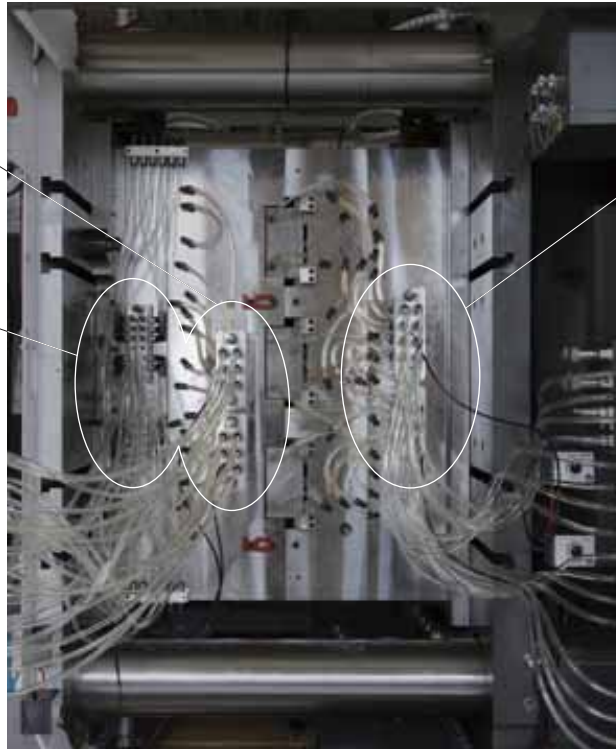
Multi coupler check valve model

6 Ports width : 75 × height : 180 (mm)

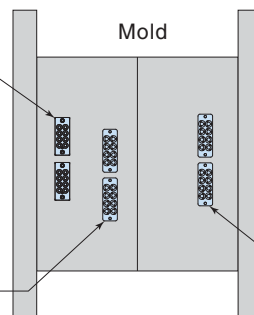
8 Ports width : 75 × height : 220 (mm)

Multi coupler open model

12 Ports width : 60 × height : 203 (mm)

Multi coupler
check valve modelMulti coupler
open modelMulti coupler
check valve model

For temperature control & air valve gate

Multi coupler open model
8 Ports × 2Multi coupler check valve model
6 Ports × 2Multi coupler check valve model
6 Ports × 2

Multi coupler check valve model

Fluid	Hydraulic (General mineral based hydraulic oil) *, Water & Air		
Connection port	Rc 1/4		
Port	4	6	8
Pieces		2	2

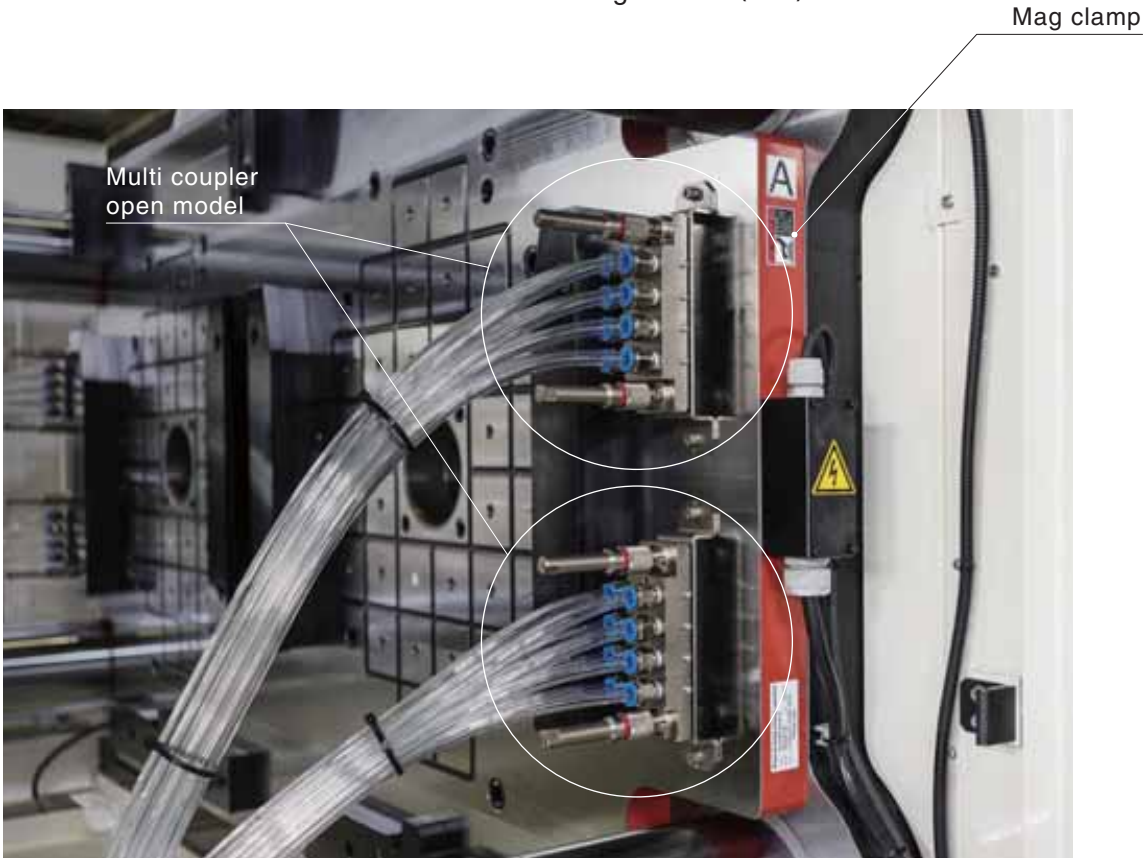
* Until 1MPa

Multi coupler open model

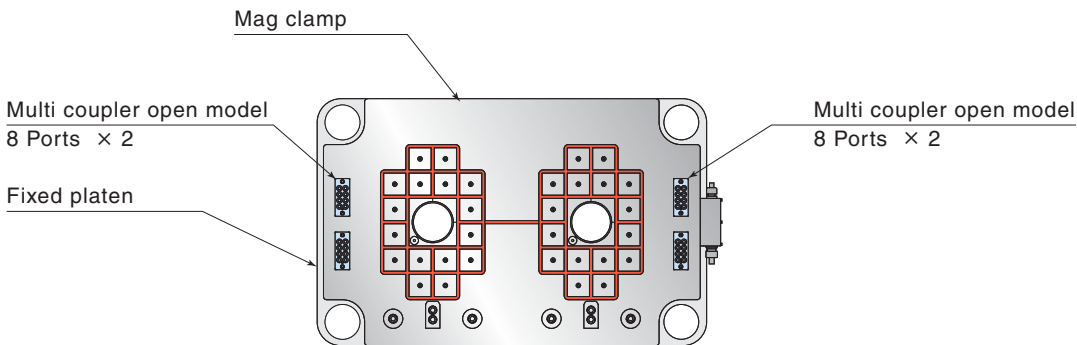
Fluid	Water & Air	
Connection port	Rc 1/4	
Port	8	12
Pieces		2

Multi coupler open model

8 Ports width : 60 × height : 155 (mm)



For temperature control & air valve gate



Multi coupler open model

Fluid	Water & Air	
Connection port	Rc 1/4	
Port	8	12
Pieces	4	

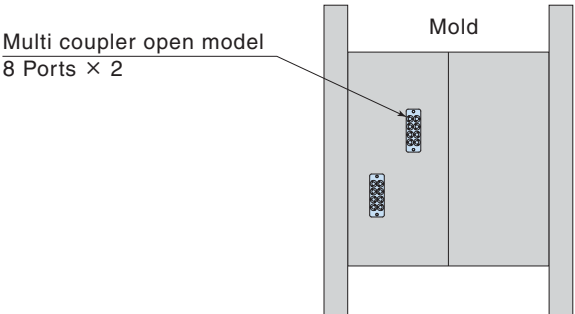
Multi coupler open model

8 Ports width : 60 × height : 155 (mm)

Multi coupler open model

Mag clamp

For temperature control



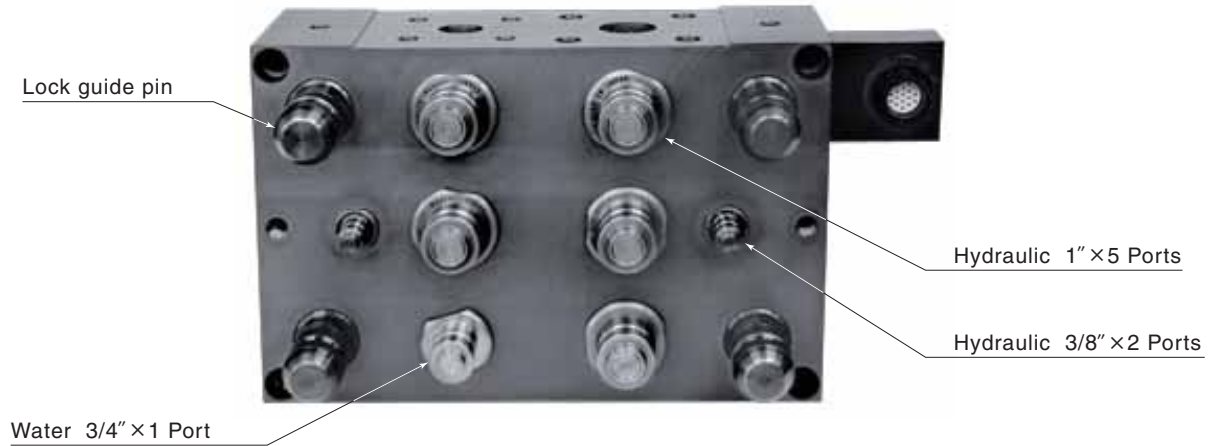
Multi coupler open model

Fluid	Water & Air	
Connection port	Rc 1/4	
Port	8	12
Pieces	2	

Die side

width : 430 × height : 280 (mm)

* The size width × height is value excluding the bracket.

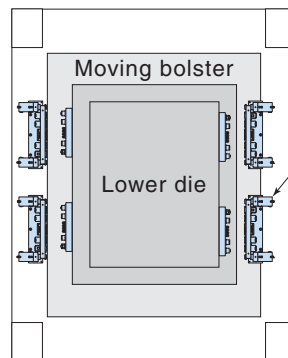


Machine side

width : 630 × height : 280 (mm)



Bolster



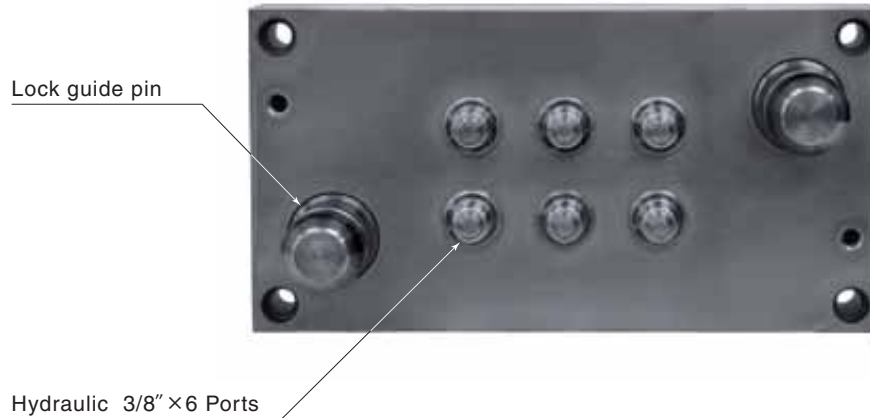
Coupler (Hydraulic, Water, Air)

Fluid		Hydraulic (General mineral based hydraulic oil)					Water & Air								Electric connector	
Connection port		1/4"	3/8"	1/2"	3/4"	1"	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	
Pieces	Bolster Operation side		2			5					1					-
			2			5					1					
	Bolster The non operation side		2			5					1					
			2			5					1					

Die side

width : 350 × height : 180 (mm)

* The size width × height is value excluding the bracket.

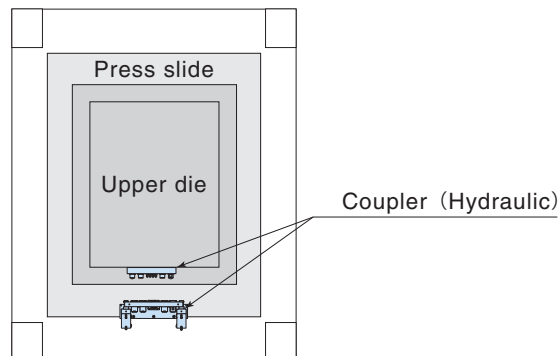


Machine side

width : 500 × height : 175 (mm)



Slide



Fluid	Hydraulic (General mineral based hydraulic oil)					Water & Air										Electric connector
Connection port	1/4"	3/8"	1/2"	3/4"	1"	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"		
Pieces		6														-

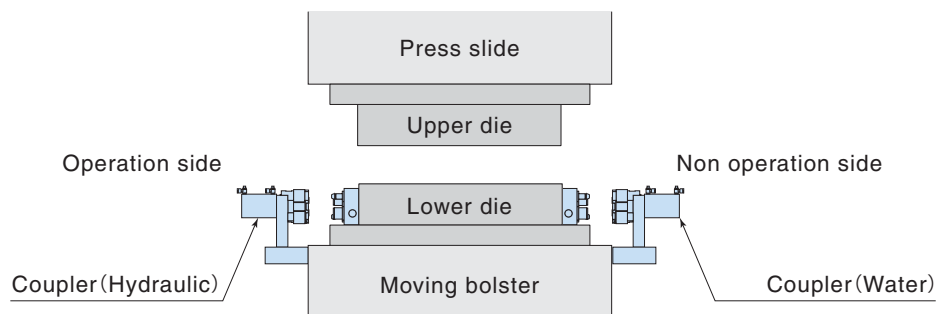
Die side (Lower die Water pressure)

width : 550× height : 259 (mm)



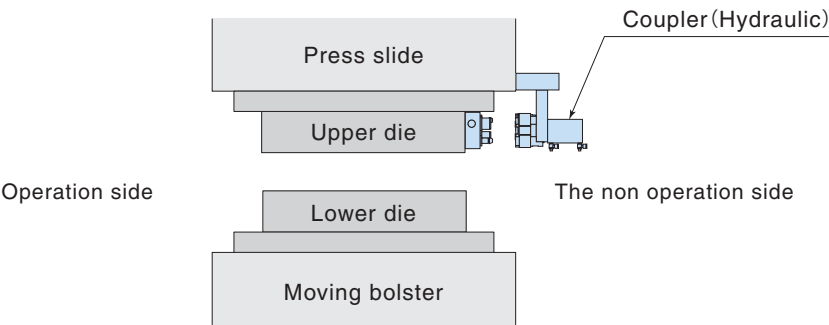
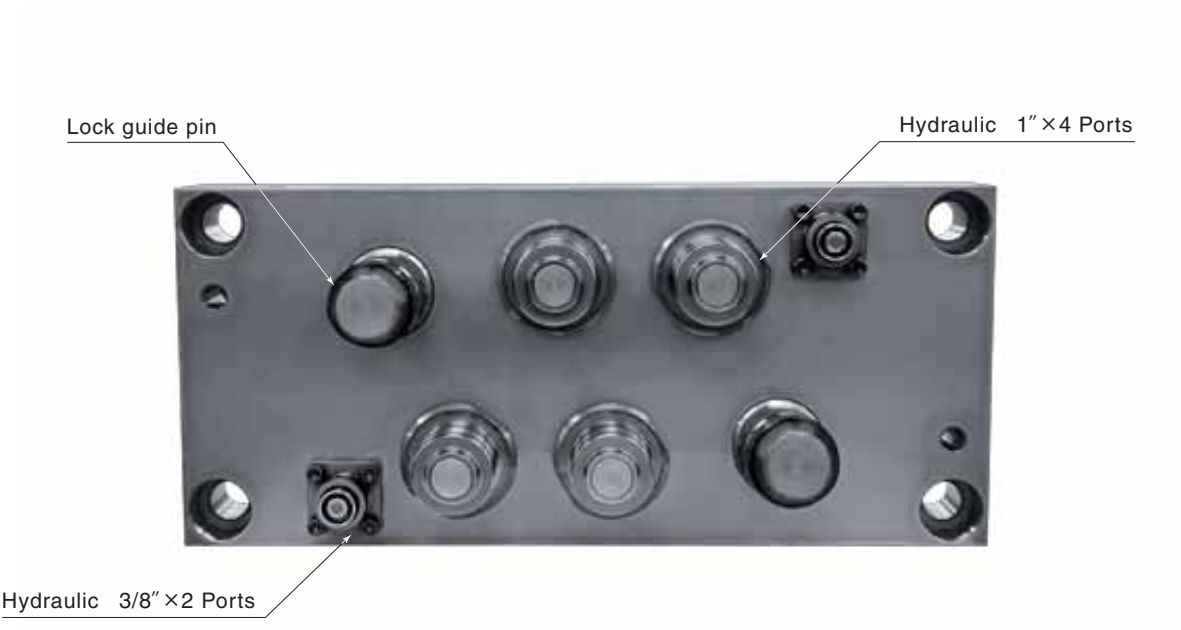
Die side (Lower die Hydraulic pressure)

width : 800× height : 300 (mm)



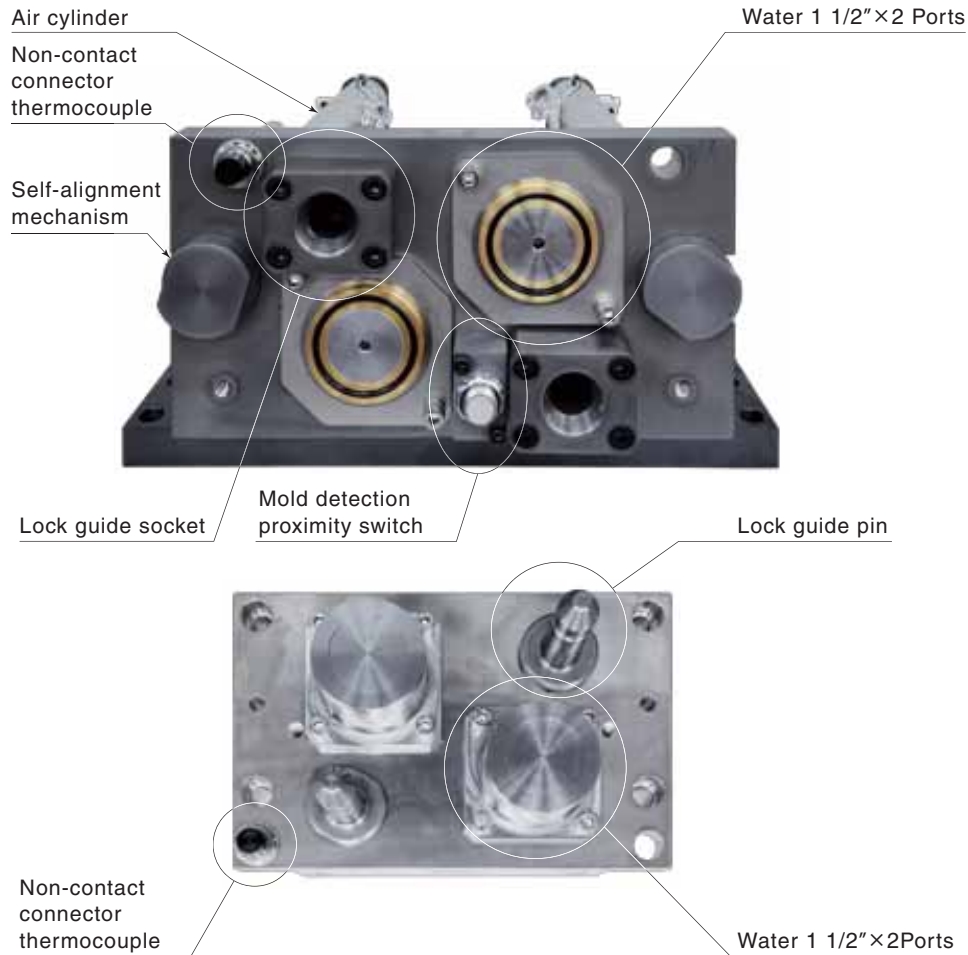
Fluid		Hydraulic (General mineral based hydraulic oil)					Water & Air									Electric connector
Connection port		1/4"	3/8"	1/2"	3/4"	1"	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	
Pieces	Lower die Water pressure												2			-
	Lower die Water pressure				6	10										○

Die side (Upper die)
width : 450 × height : 200 (mm)

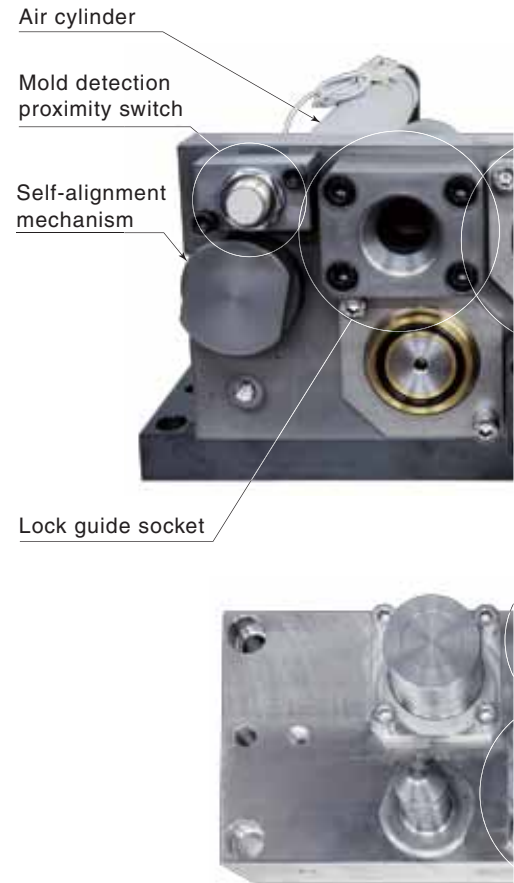


Fluid	Hydraulic (General mineral based hydraulic oil)					Water & Air									Electric connector
Connection port	1/4"	3/8"	1/2"	3/4"	1"	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	
Pieces		2			4										

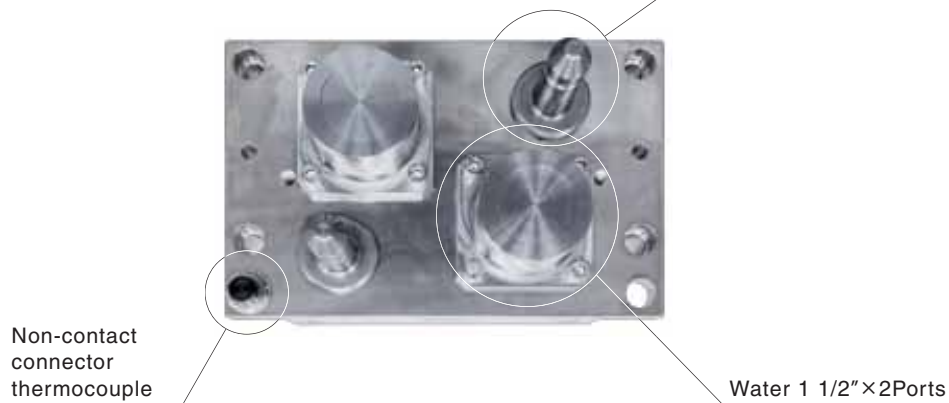
Press slide
width : 330 × height : 180 (mm)



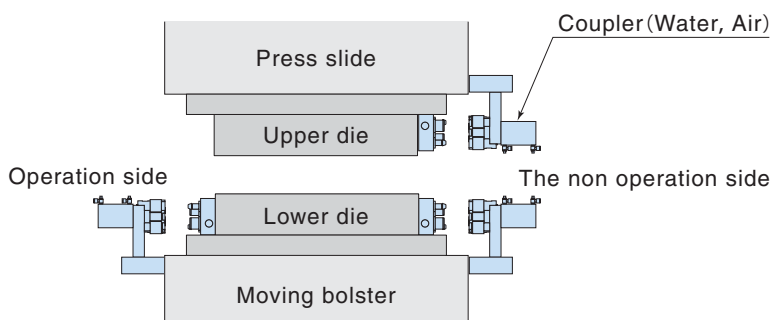
Bolster Operation side
width : 290 × height : 145 (mm)



Die side
width : 280 × height : 180 (mm)

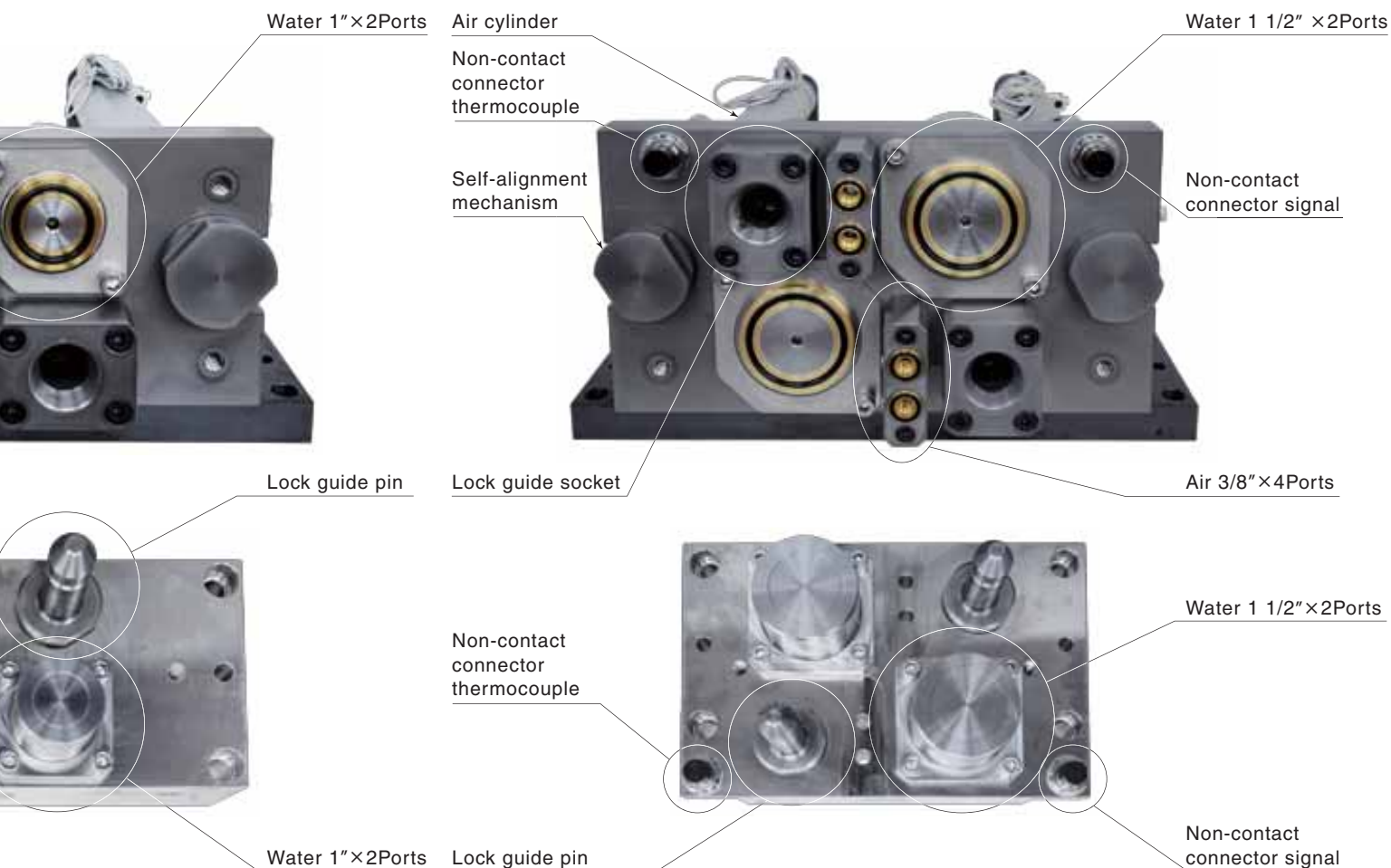


Die side
width : 295 × height : 135 (mm)



Bolster The non operation side
width : 330 × height : 180 (mm)

* The size width × height is value excluding the bracket.



Die side

width : 295 × height : 135 (mm)

Fluid		Hydraulic (General mineral based hydraulic oil)					Water & Air								Electric connector	
Connection port		1/4"	3/8"	1/2"	3/4"	1"	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	
Pieces	Press slide The non operation side													2 × 4		-
	Bolster Operation side											2 × 4				-
	Bolster The non operation side								4 × 4					2 × 4		-

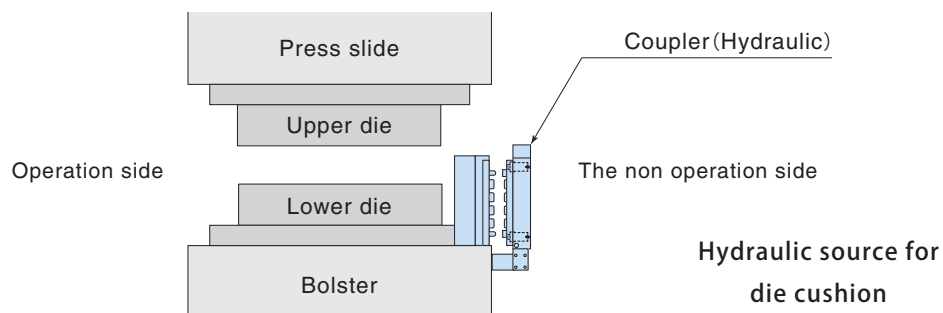
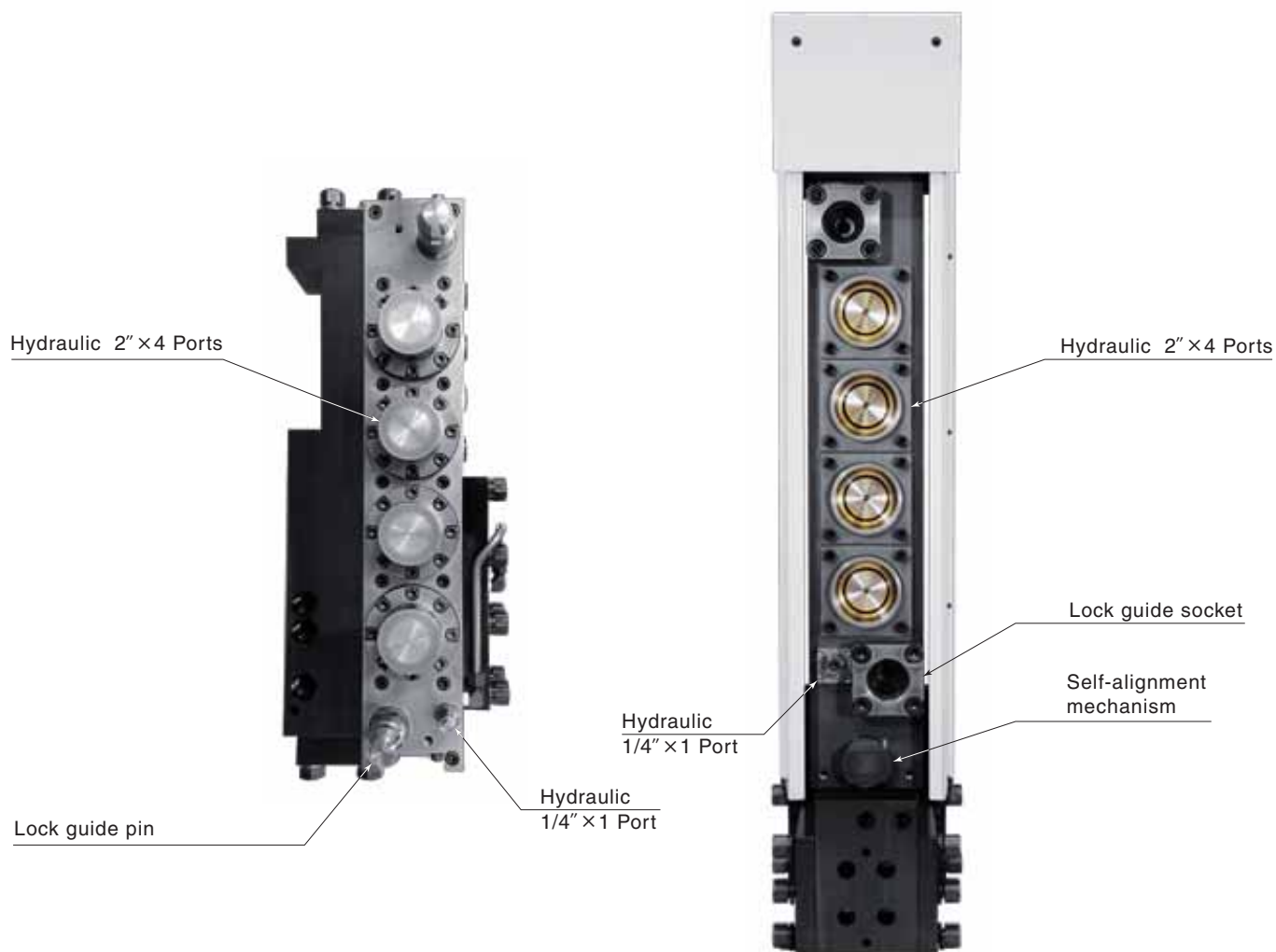
Die side

width : 130 × height : 730 (mm)

Machine side

width : 160 × height : 950 (mm)

* The size width × height is value excluding the bracket.



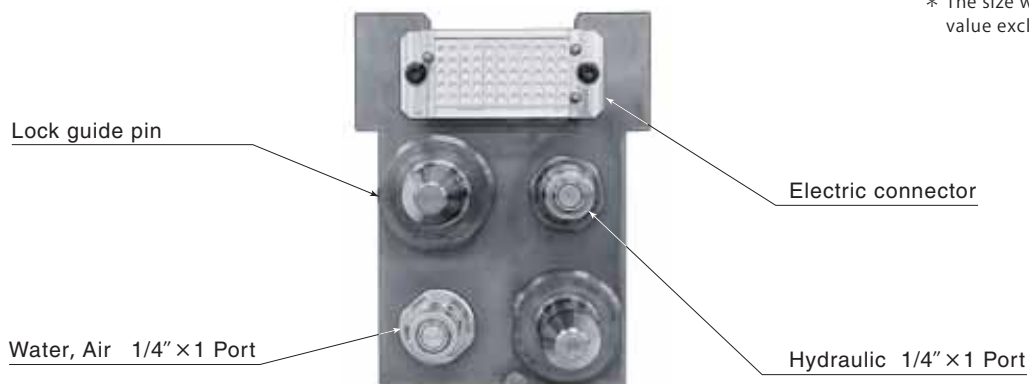
Fluid	Hydraulic ^(General mineral based hydraulic oil)					Water & Air									Electric connector
Connection port	1/4"	3/8"	1/2"	3/4"	2" *	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	
Pieces	1				4										

* Special type

Die side

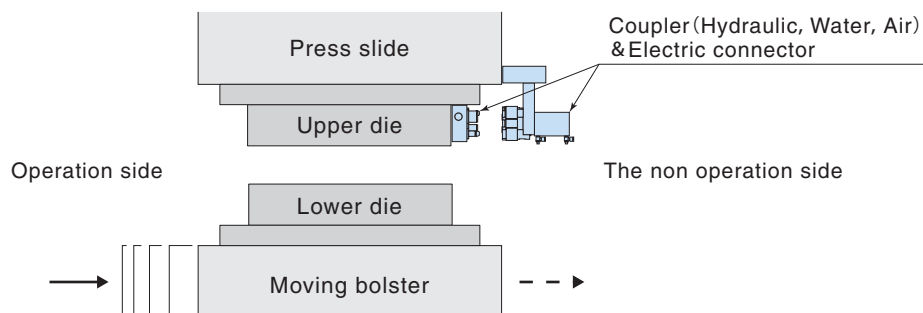
width : 220 × height : 95 (mm)

* The size width × height is value excluding the bracket.



Machine side

width : 345 × height : 75 (mm)



Fluid	Hydraulic (General mineral based hydraulic oil)					Water & Air										Electric connector
Connection port	1/4"	3/8"	1/2"	3/4"	1"	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"		
Pieces	1						1									○

Die side

width : 220 × height : 95 (mm)

* The size width × height is value excluding the bracket.

Lock guide pin

Hydraulic 1/4" × 1 Port

Air 1/4" × 1 Port

Machine side

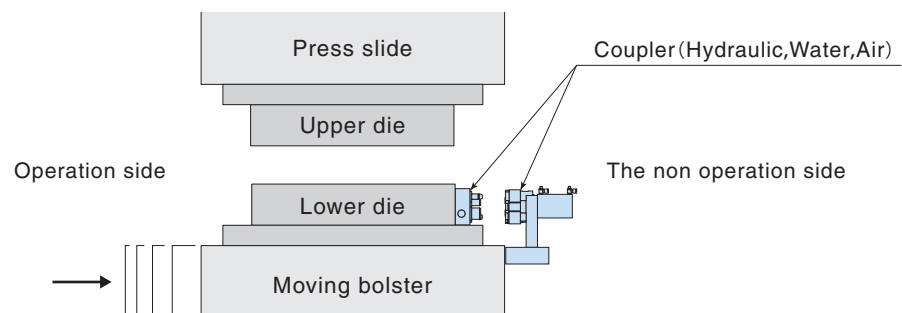
width : 345 × height : 75 (mm)

Self-alignment mechanism

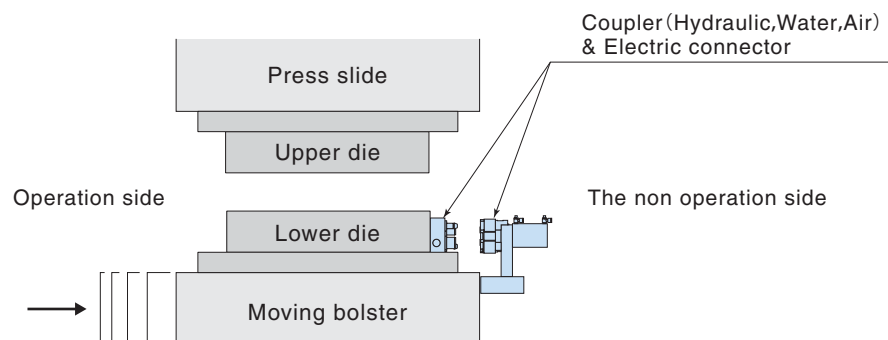
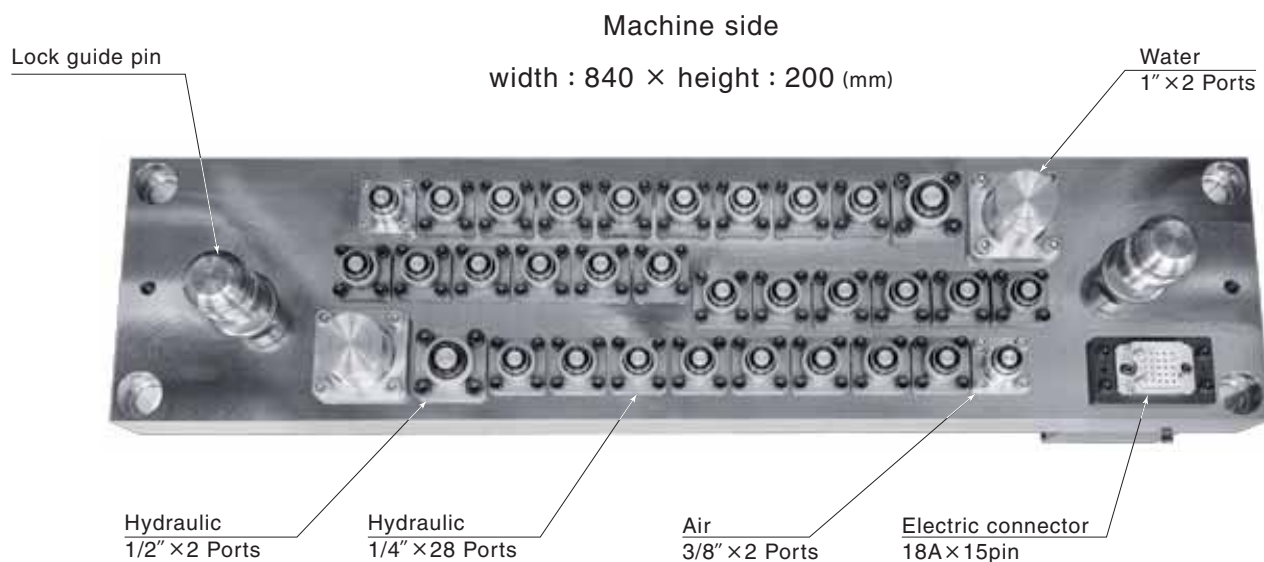
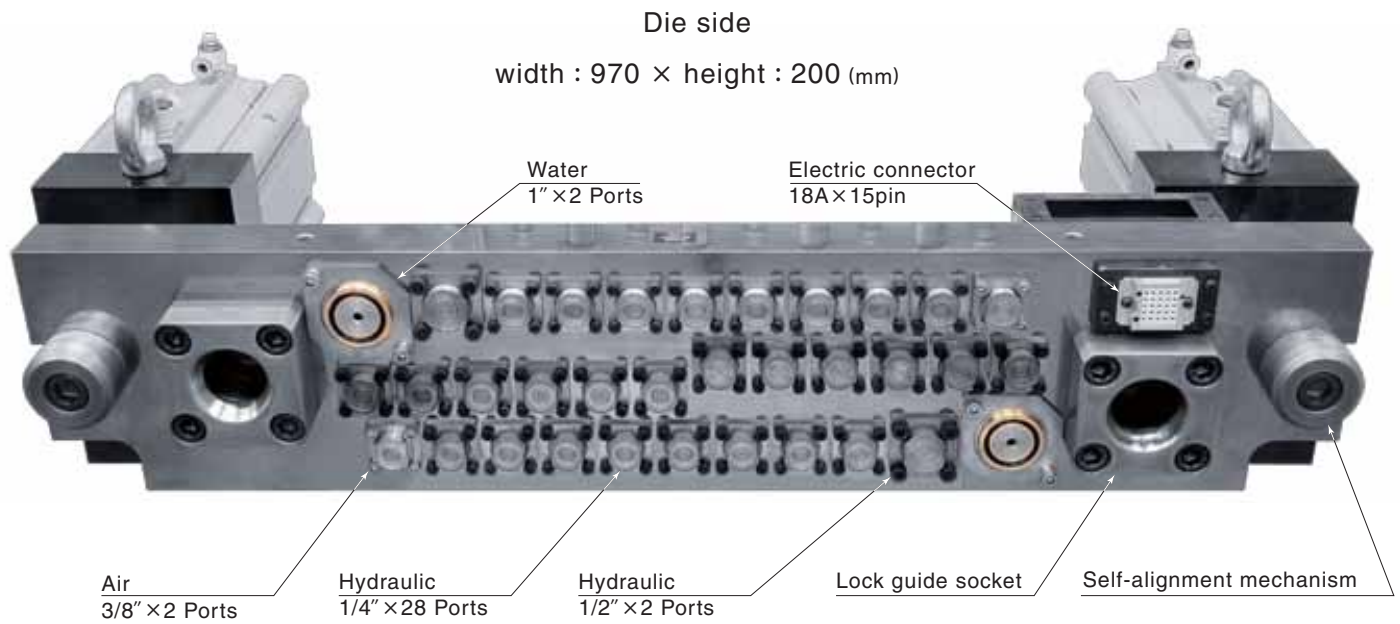
Lock guide socket

Hydraulic 1/4" × 1 Port

Air 1/4" × 1 Port



Fluid	Hydraulic (General mineral based hydraulic oil)					Water & Air									Electric connector
Connection port	1/4"	3/8"	1/2"	3/4"	1"	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	
Pieces	1						1								



Fluid	Hydraulic (General mineral based hydraulic oil)					Water & Air									Electric connector
Connection port	1/4"	3/8"	1/2"	3/4"	1"	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	
Pieces	28		2					2			2				

18A × 15pins

Machine side
width : 385 × height : 100 (mm)

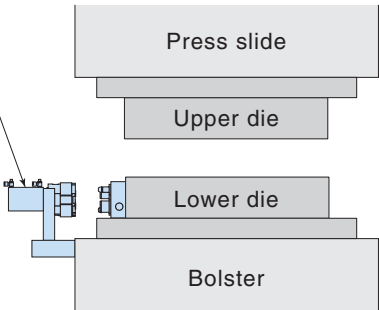
Die side
width : 250 × height : 140 (mm)



Coupler

Coupler (Hydraulic, Water, Air)

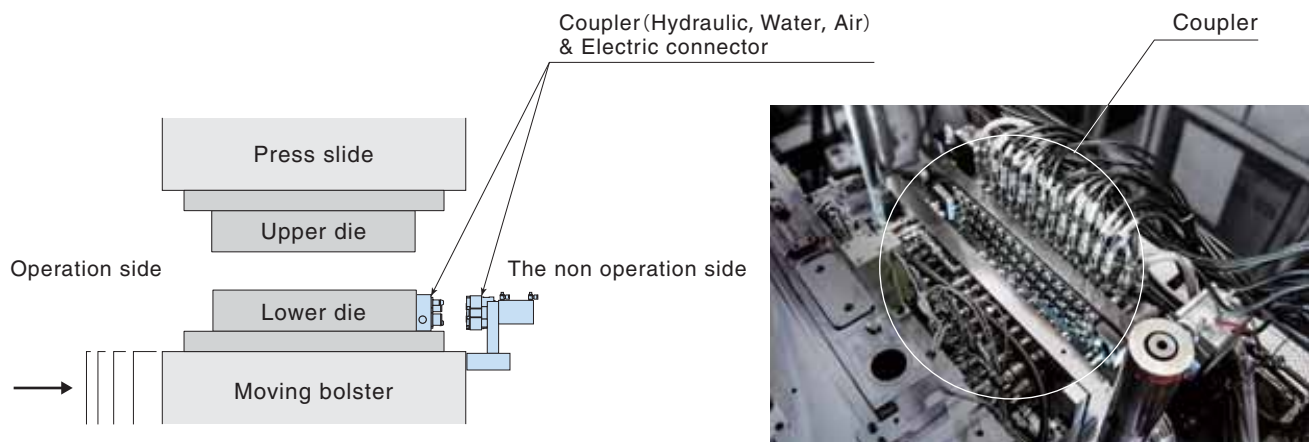
Operation side



The non operation side

Fluid	Hydraulic (General mineral based hydraulic oil)					Water & Air								Electric connector
Connection port	1/4"	3/8"	1/2"	3/4"	1"	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
Pieces		2						2						

Die side
width : 1,000 × height : 190 (mm)



Fluid	Hydraulic (General mineral based hydraulic oil)					Water & Air								Electric connector
Connection port	1/4"	3/8"	1/2"	3/4"	1"	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
Pieces		32						4		2				

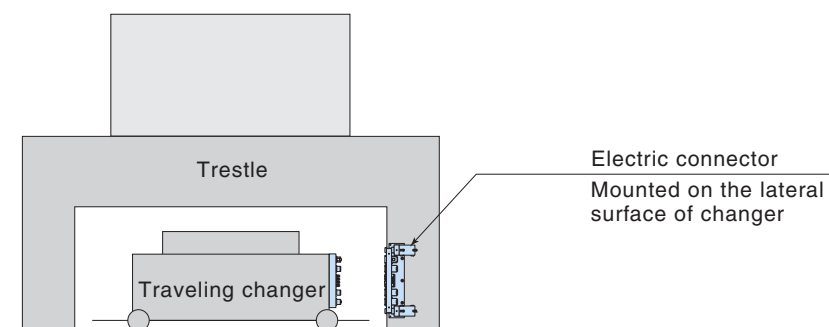
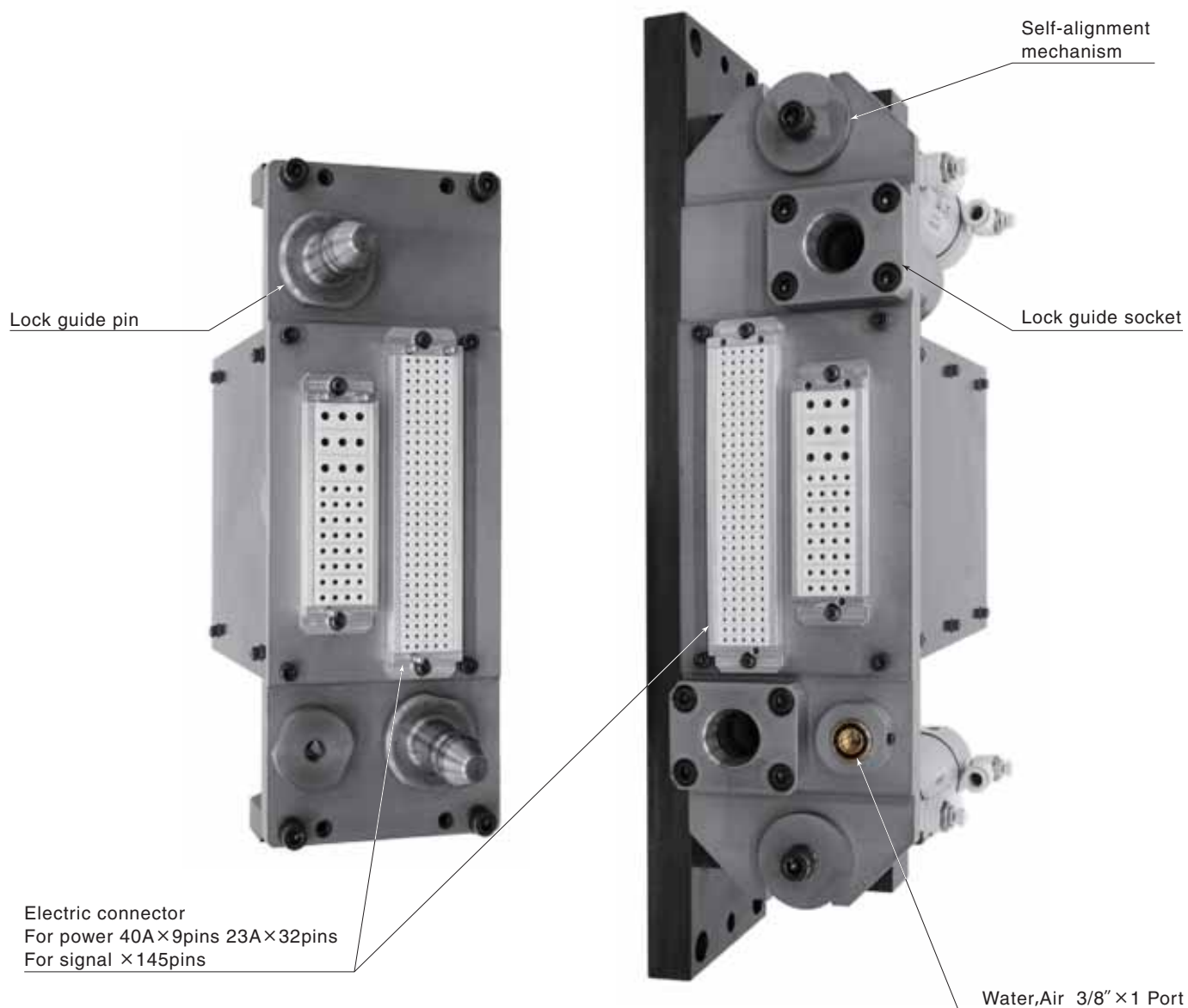
* The size width × height is value excluding the bracket.

Supply side

width : 125 × height : 340 (mm)

Reception side

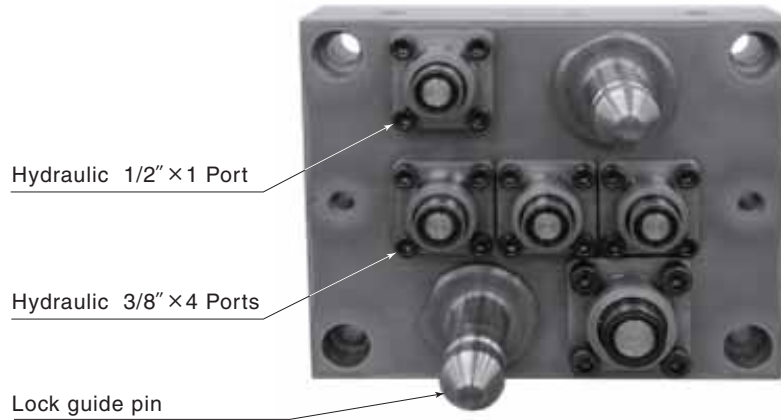
width : 125 × height : 420 (mm)



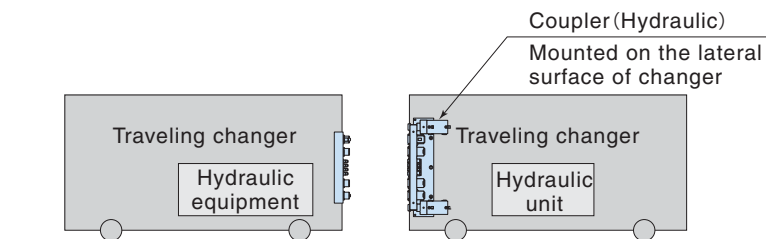
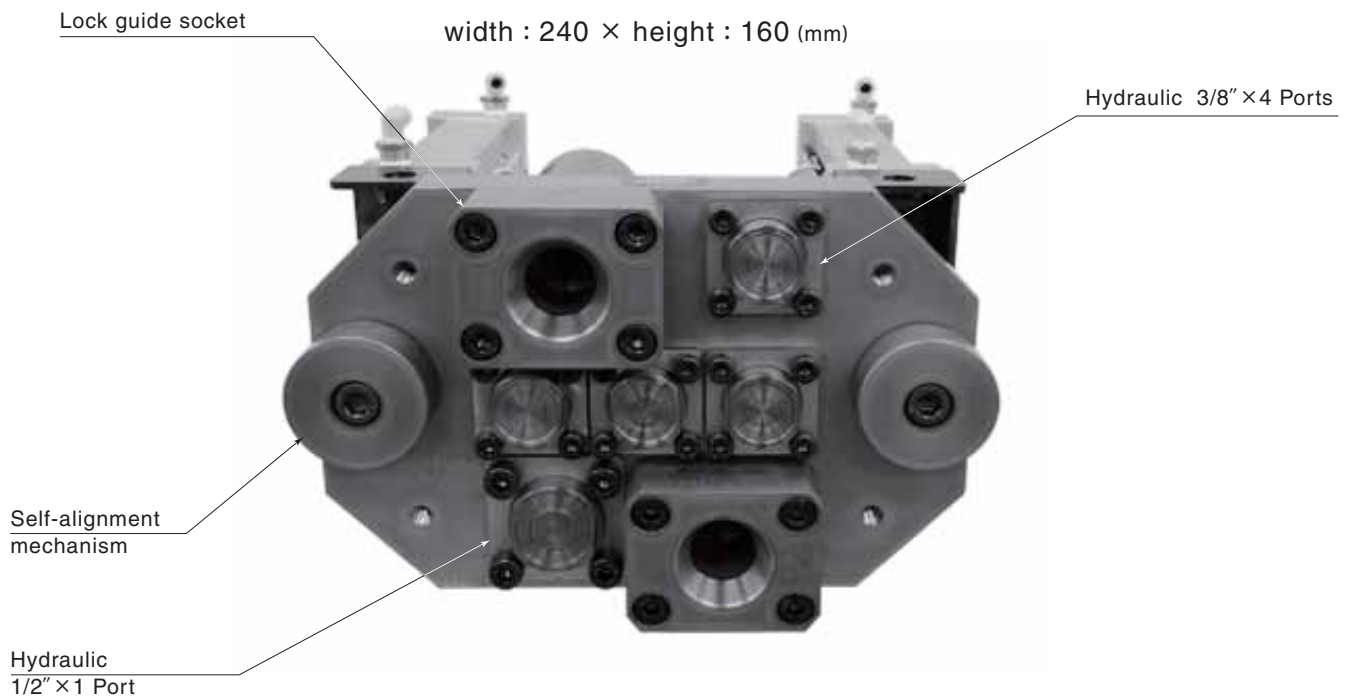
Fluid	Water & Air									Electric connector
	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	
Pieces			1							For power 40A : 9pin / 23A : 32pin For signal 145pin

Hydraulic equipment side
width : 200 × height : 160 (mm)

* The size width × height is
value excluding the bracket.



Hydraulic unit side
width : 240 × height : 160 (mm)



Fluid	Hydraulic (General mineral based hydraulic oil)					Water & Air								Electric connector	
Connection port	1/4"	3/8"	1/2"	3/4"	1"	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	
Pieces		4	1												-

Trestle side

width : 450 × height : 125 (mm)

* The size width × height is value excluding the bracket.

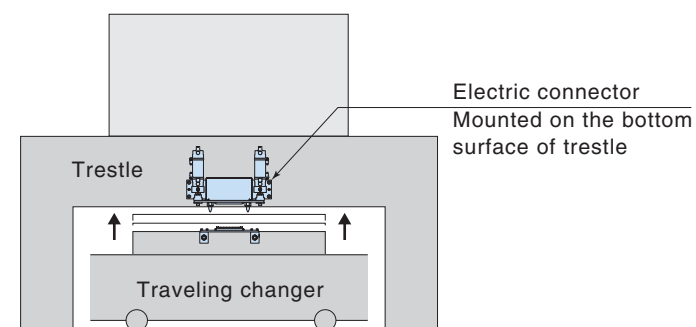


Changer side

width : 410 × height : 120 (mm)

Electric connector
For power 40A×3pins
For signal 23A×16pins×200pins

Lock guide pin



Electric connector

For power 40A : 3pins / 23A : 16pins For signal 200pins

Machine side
width : 375 × height : 120 (mm)



Die side
width : 270 × height : 120 (mm)

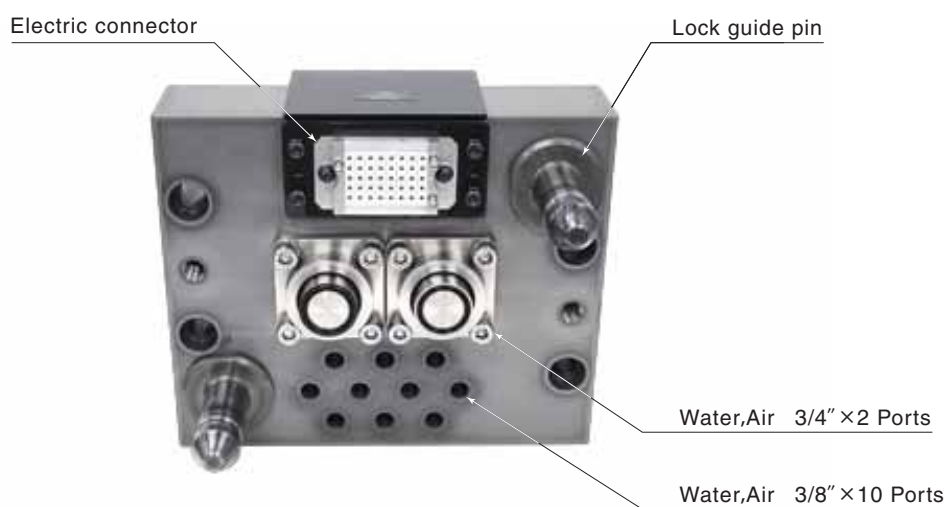


Fluid	Hydraulic (General mineral based hydraulic oil)					Water & Air								Electric connector
Connection port	1/4"	3/8"	1/2"	3/4"	1"	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
Pieces										4				

Upper die side

width : 230 × height : 190 (mm)

* The size width × height is value excluding the bracket.



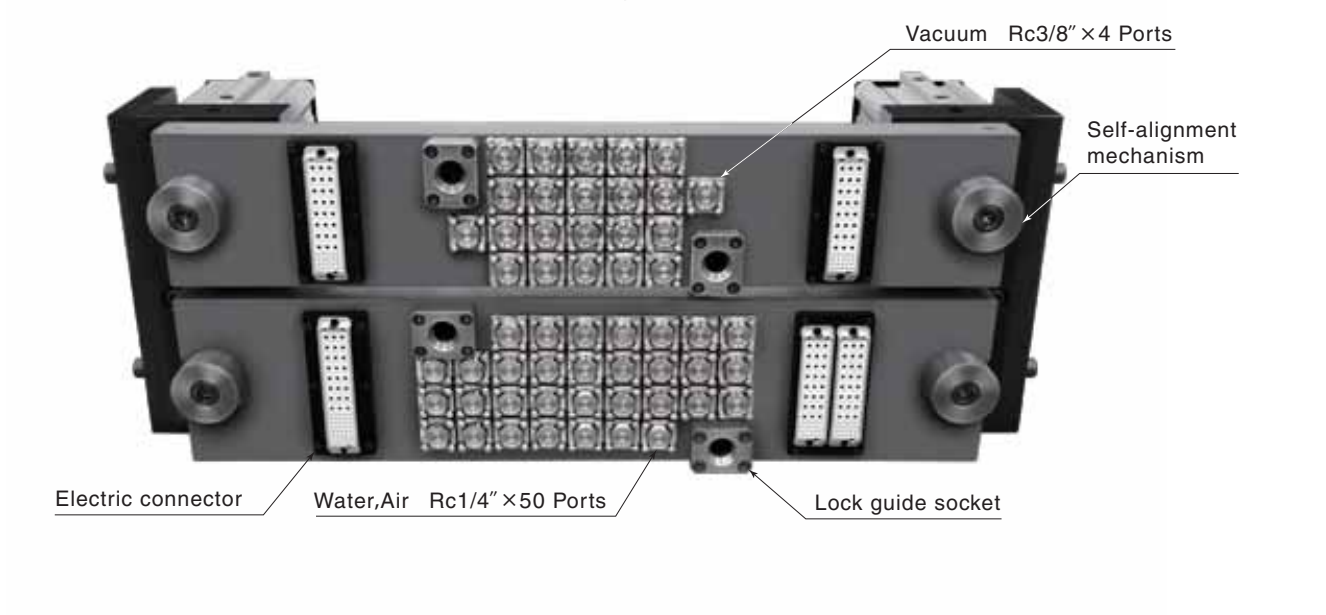
Lower die side

width : 375 × height : 130 (mm)

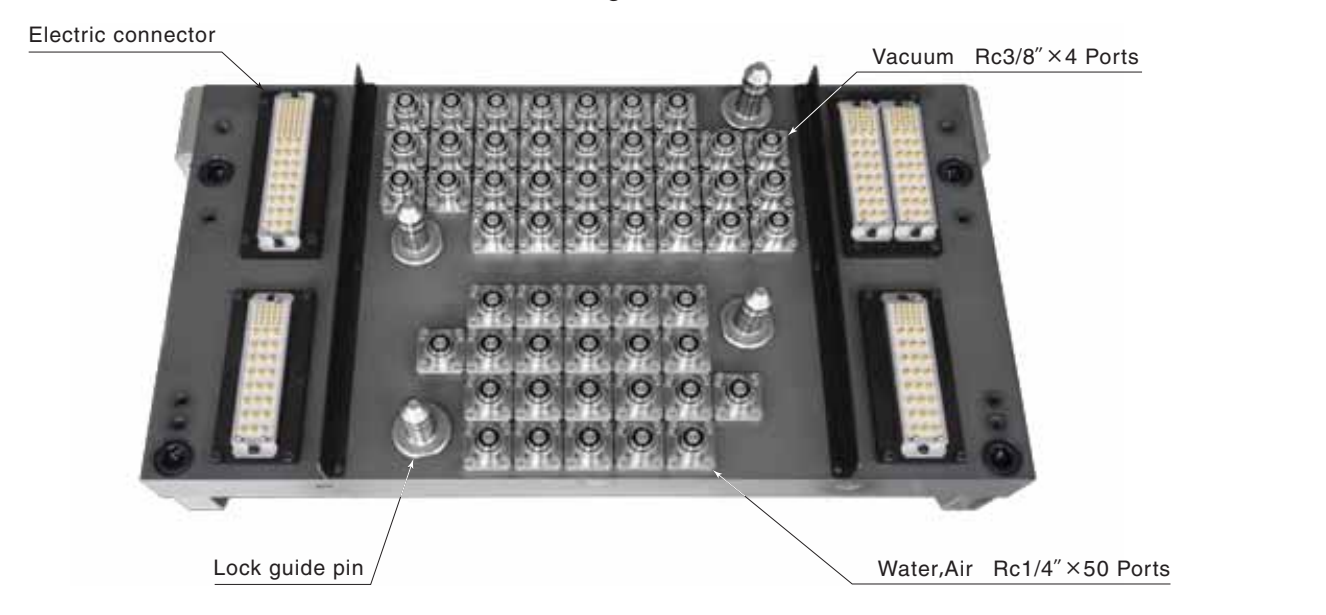


Fluid		Hydraulic (General mineral based hydraulic oil)						Water & Air								Electric connector
Connection port		1/4"	3/8"	1/2"	3/4"	1"	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	
Pieces	Upper die								10		2					○
	Lower die								10		3					○

width : 920 × height : 174 (mm)
width : 920 × height : 204 (mm)



width : 750× height : 400 (mm)



Fluid	Water & Air									Vacuum					Electric connector
Connection port	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	1/4"	3/8"	1/2"	3/4"	1"	
Pieces		50									4				



Itami, Hyogo, Japan 664-8502
TEL. +81-72-777-3333 FAX. +81-72-777-3520

Chicago, U.S.A.	TEL. +1-847-427-1234
Stuttgart, Germany	TEL. +49-711-782-850-0
Dalian, China	TEL. +86-411-8732-2988
Shanghai, China	TEL. +86-21-5263-4122
Changwon, Korea	TEL. +82-55-274-0971
Bangkok, Thailand	TEL. +66-2173-5855

