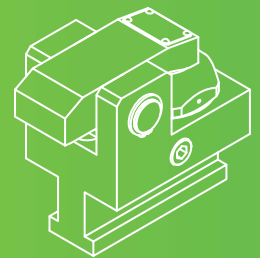
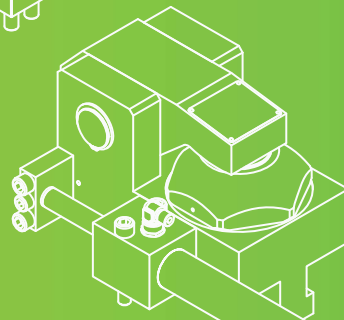
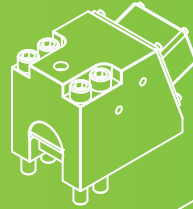
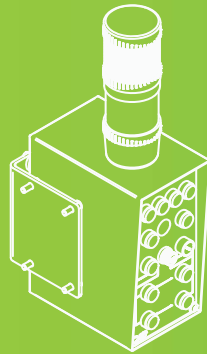
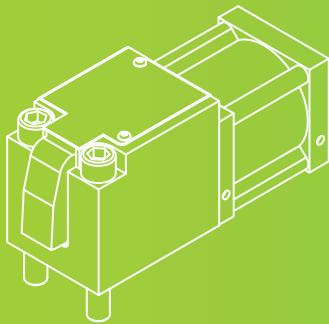
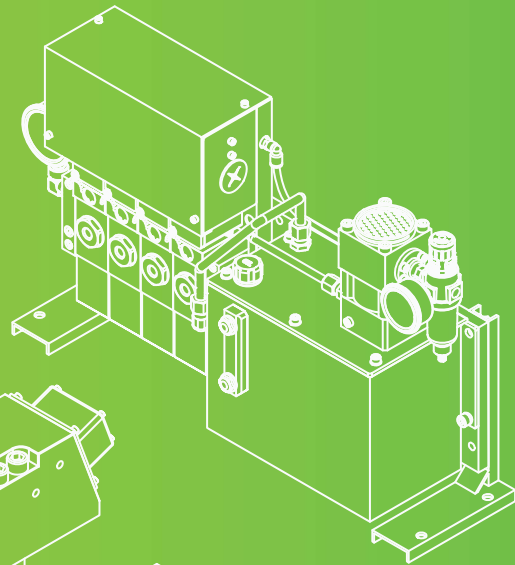
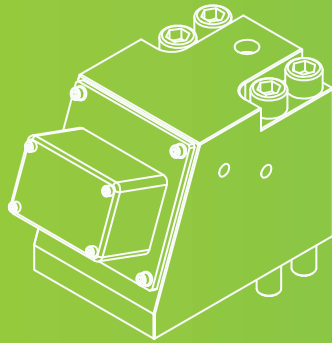
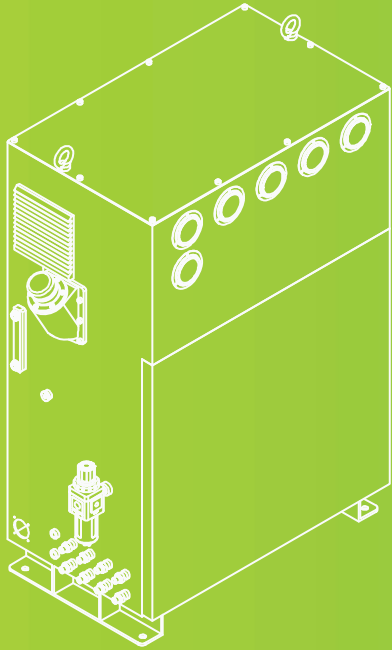


QMCS

Quick Mold Change Systems



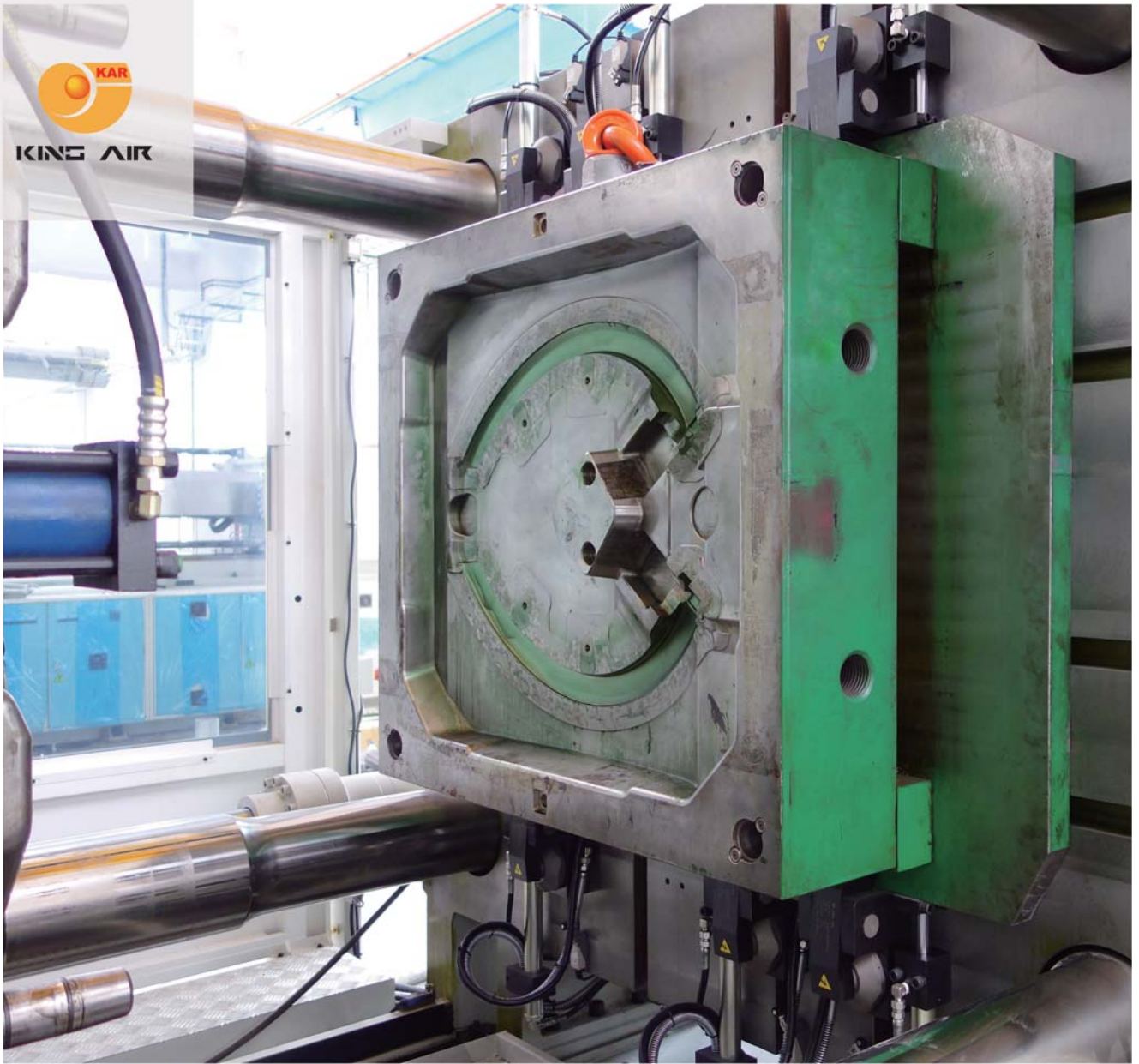
Mold change technology for,
injection molding and die casting machine.



KING AIR



KING AIR



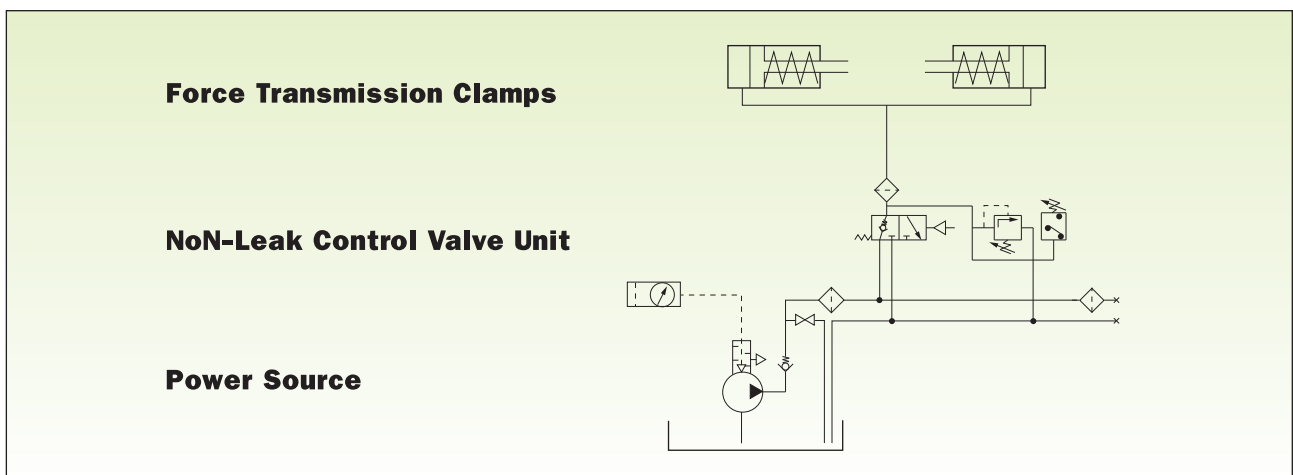
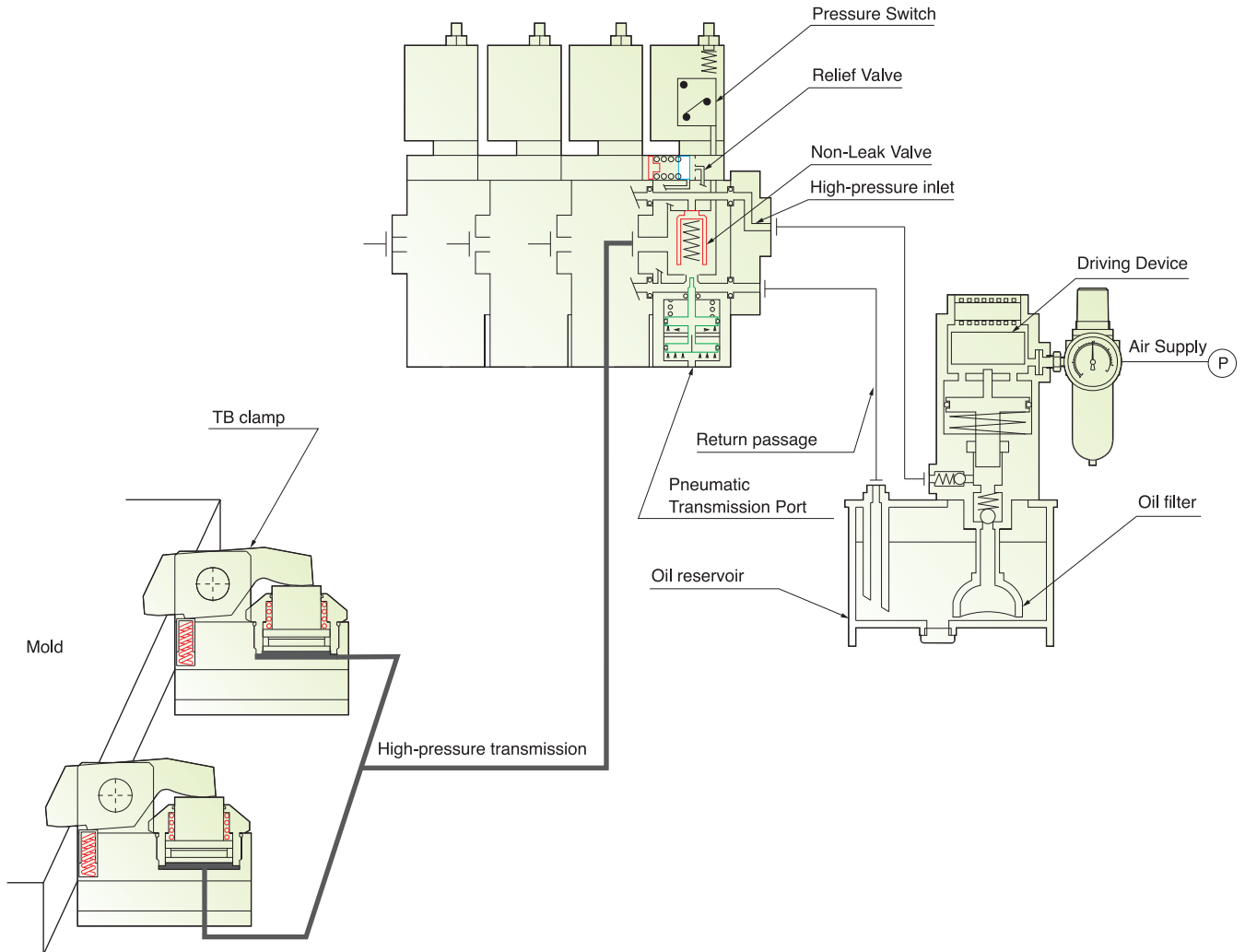
- Improve production efficiency
- Reduce product cost
- Reduce inventory levels and enable prompt delivery
- Safe working conditions can eliminate danger in mold setup
- Interlock system can eliminate misoperation and prevent injuries



KING AIR

Introduction to Hydraulic Power Clamping

Principle Features of a Pneumatically Hydraulic Pump with 4 Control Valves and 2 Hydraulic clamps.



All control valves with pressure switch for I.M.M mold interlock.



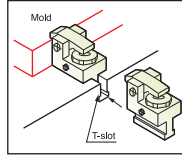
KING AIR

Elements and Systems for Quick Mold Change

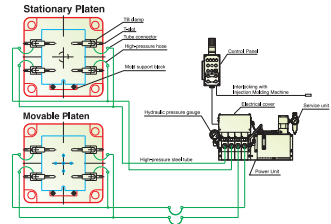
TB Clamp
Data sheet P.3



Displacement Diagram



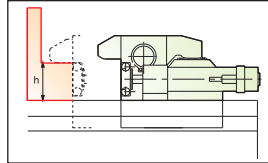
TB clamping systems
Data sheet P.4



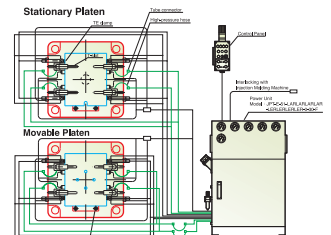
TE Clamp
Data sheet P.5



Displacement Diagram



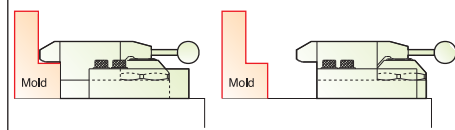
TE clamping systems
Data sheet P.6



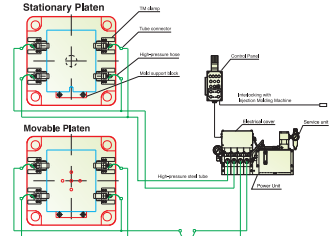
TM Clamp
Data sheet P.7



Displacement Diagram



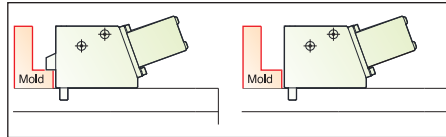
TM clamping systems
Data sheet P.8



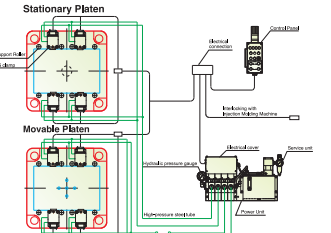
TS Clamp
Data sheet P.9



Displacement Diagram



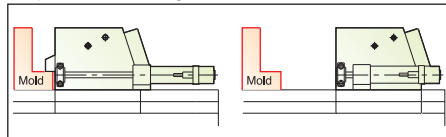
TS clamping systems
Data sheet P.10



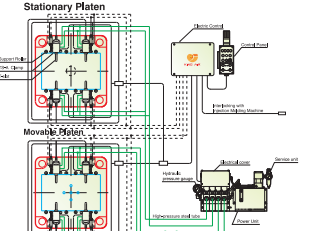
TS-A Clamp
Data sheet P.11



Displacement Diagram



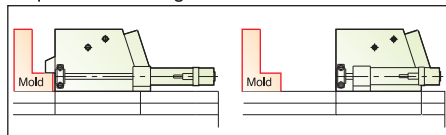
TS-A clamping systems
Data sheet P.12



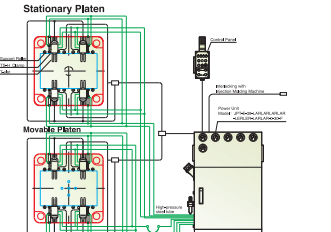
TS-H Clamp
Data sheet P.13



Displacement Diagram



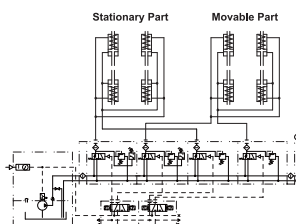
TS-H clamping systems
Data sheet P.14



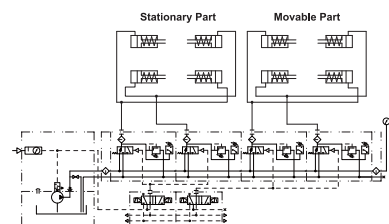
BP Series
Data sheet P.15



Model : BPT-49-LERLERLARLAR-0-5-F



Model : BPT-62-LERLERLERLER-0-5-F





KING AIR

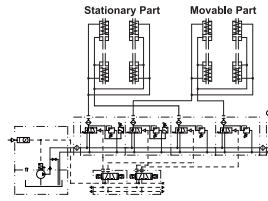
Power Units Electric Controllers

AP Series

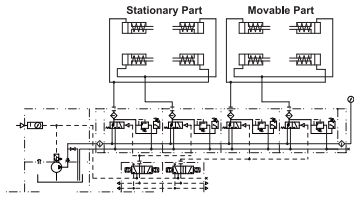
Data sheet P.17



Model : APT-44-LERLER-LARLAR-0-5-F



Model : APT-64-LERLERLERLER-0-5-F

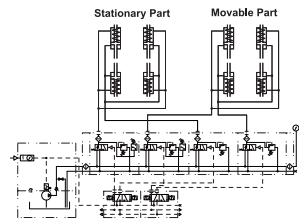


WP Series

Data sheet P.19



Model : WPT-39-LERLER-LARLAR-0-5-F

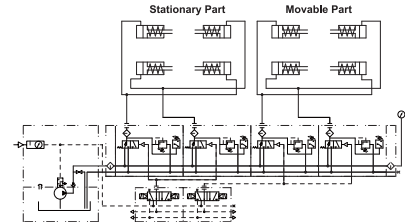


JP Series

Data sheet P.20



Model : JPT-51-LERLERLERLER-0-10-F

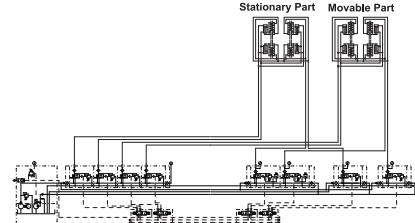


Power Unit

Data sheet P.21



Model : JPT-E-39-LARLARLARLAR-LERLERLARLAR-0-30-F

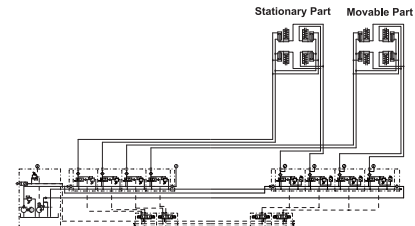


Power Unit

Data sheet P.23

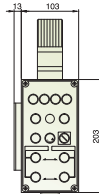
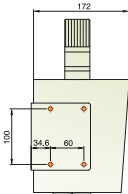


Model : JPT-E-51-LARLARLARLAR-LERLERLERLER-0-30-F



Control Panel Model : EC-08A

Data sheet P.25



Data for Price Quotation

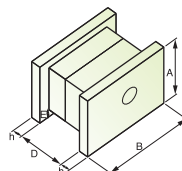
Data sheet P.26

A. I.M.M.

I.M.M.	Manufacturer	Model	Mold Clamping force (M. Ton)	Mold Opening force (M. Ton)	Qty	Remark
1						
2						
3						

B. Type of Mold Change

Type of loading	<input type="checkbox"/> Vertical Loading	<input type="checkbox"/> Horizontal Loading
Mold platen T-slot	<input type="checkbox"/> to be T-slot	<input type="checkbox"/> Not to be T-slot
Mold clamp	<input type="checkbox"/> stationary(TS)	<input type="checkbox"/> Manual Feeding(TB) or <input type="checkbox"/> (TM)
Hydraulic pressure sources	<input type="checkbox"/> Pneumatic Cylinder Feeding(TE) or <input type="checkbox"/> (TS-A)	<input type="checkbox"/> Hydraulic Cylinder Feeding(TS-H)
	<input type="checkbox"/> from I.M.M.	<input type="checkbox"/> Separate Hydraulic Unit



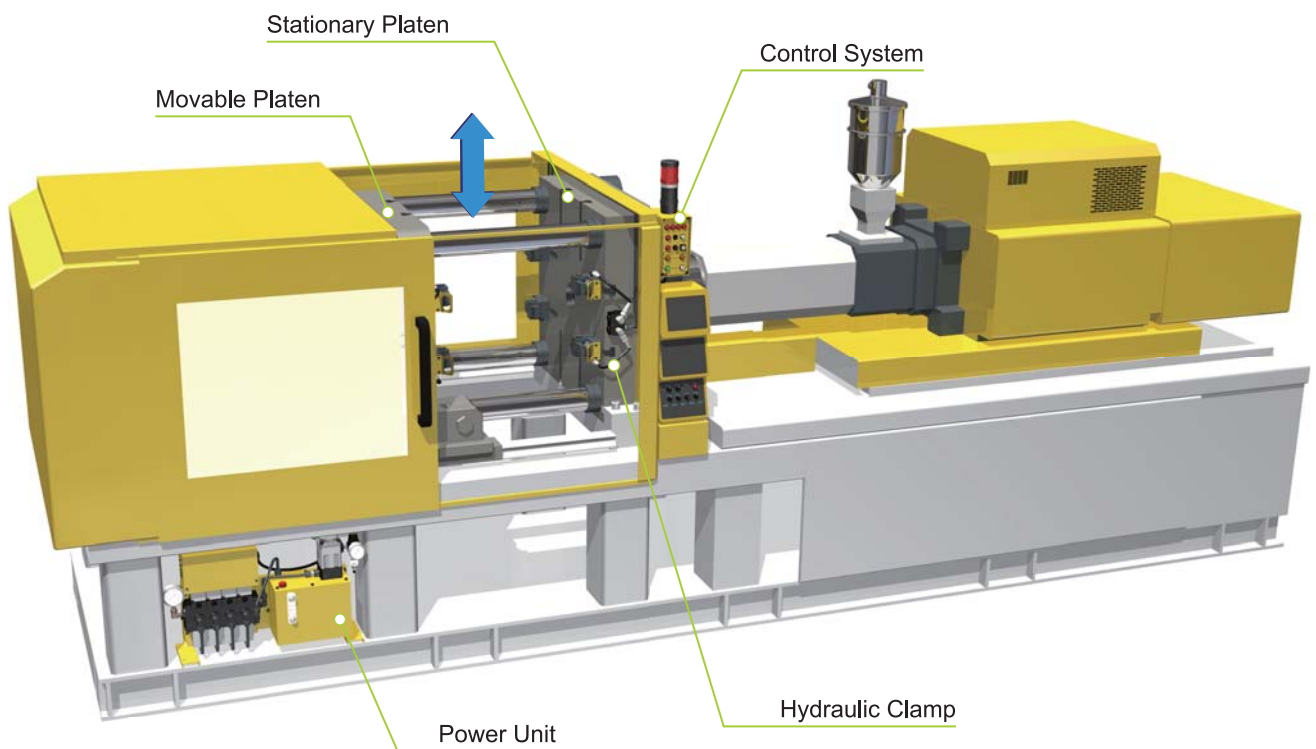
I.M.M.	A	B	D	E	h	Weight(kg)
1	MAX MIN	MAX MIN	MAX MIN	MIN	Same	
2						
3						



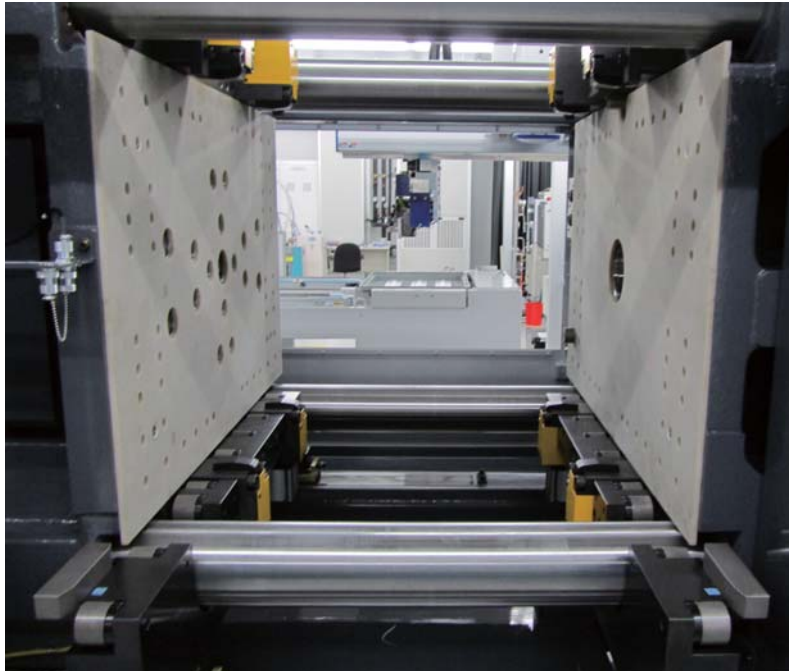
Application Example



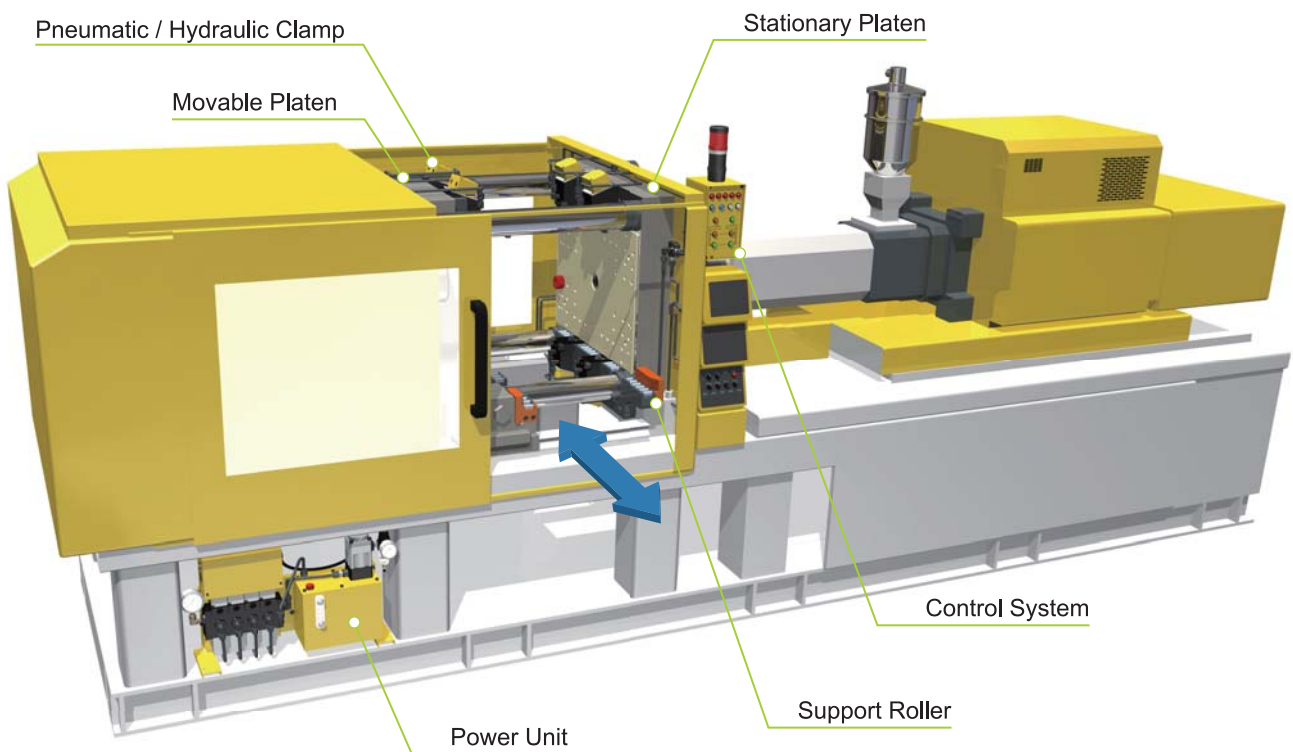
Application Features



Application Example

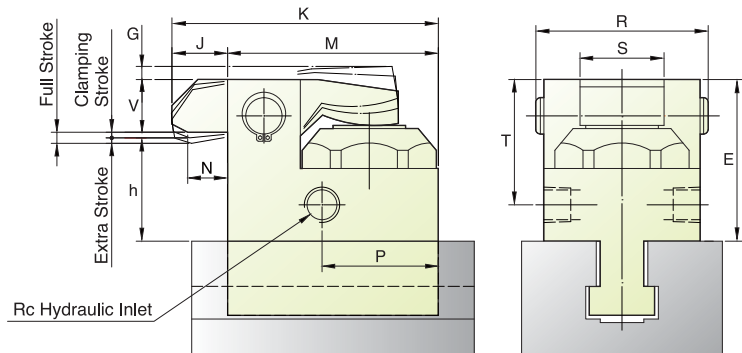


Application Features





Standard Type



Outline Dimensions(mm)

Model No.	MIN.C	MIN.E	MAX.G	MAX.h	J	K	M	N	P	Rc	R	S	T
TB-01	7	44.5	6	50	15	75	60	10	32	1/8	43.8	20	39.5
TB-02	7	52	7	50	18	99	81	14	44.5		58.4	30	49
TB-03	9.5	60	7	50	20	105	85	14	44.5		63.9	32	51.5
TB-04	12	69	7	50	23	129	106	16	53		73	40	60
TB-06	14	82	8	60	30	161	131	20	64		93.3	50	70
TB-10	16	109	8	70	30	190	160	20	78		104	55	95
TB-16	19	131	9	80	30	230	200	20	95		125	60	117
TB-25	22	153	10	80	32	272	240	24	72		153.6	73	136

Specifications

Model No.		TB-01	TB-02	TB-03	TB-04	TB-06	TB-10	TB-16	TB-25
Clamping Force(at 250kg/cm ²)	tf	1	1.5	2.4	4	6.3	10	16	25
Full Stroke	mm	6	10	7	7	8	8	8	9
Clamping Stroke	mm	3	5	4	4	4	4	4	5
Extra Stroke	mm	3	5	3	3	4	4	4	4
Cylinder Capacity at Full Stroke	cc	2.7	7.7	9.1	13	24	38.6	71.2	100.5
Minimum T-slot "a" Dimensions		12	14	16	20	22	24	28	36

Order Example

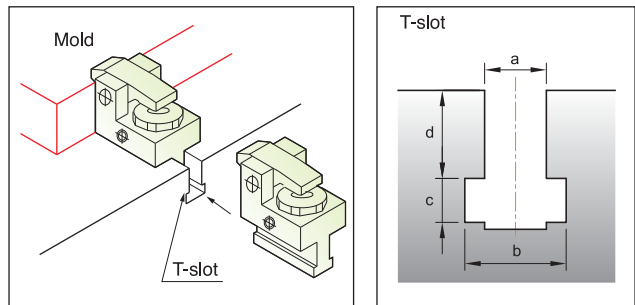
TB-06 - M
 ① ②

① Model No. : see specifications.

② M : Clamp with U-handle.
 No Mark : Standard Type.

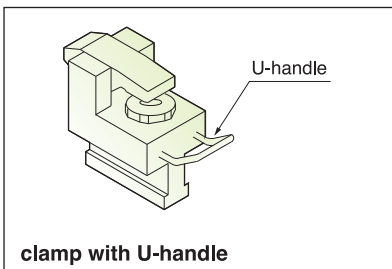
Note: Specify T-slot (a, b, c, d) and clamping height "h" dimensions when ordering.

Displacement Diagram



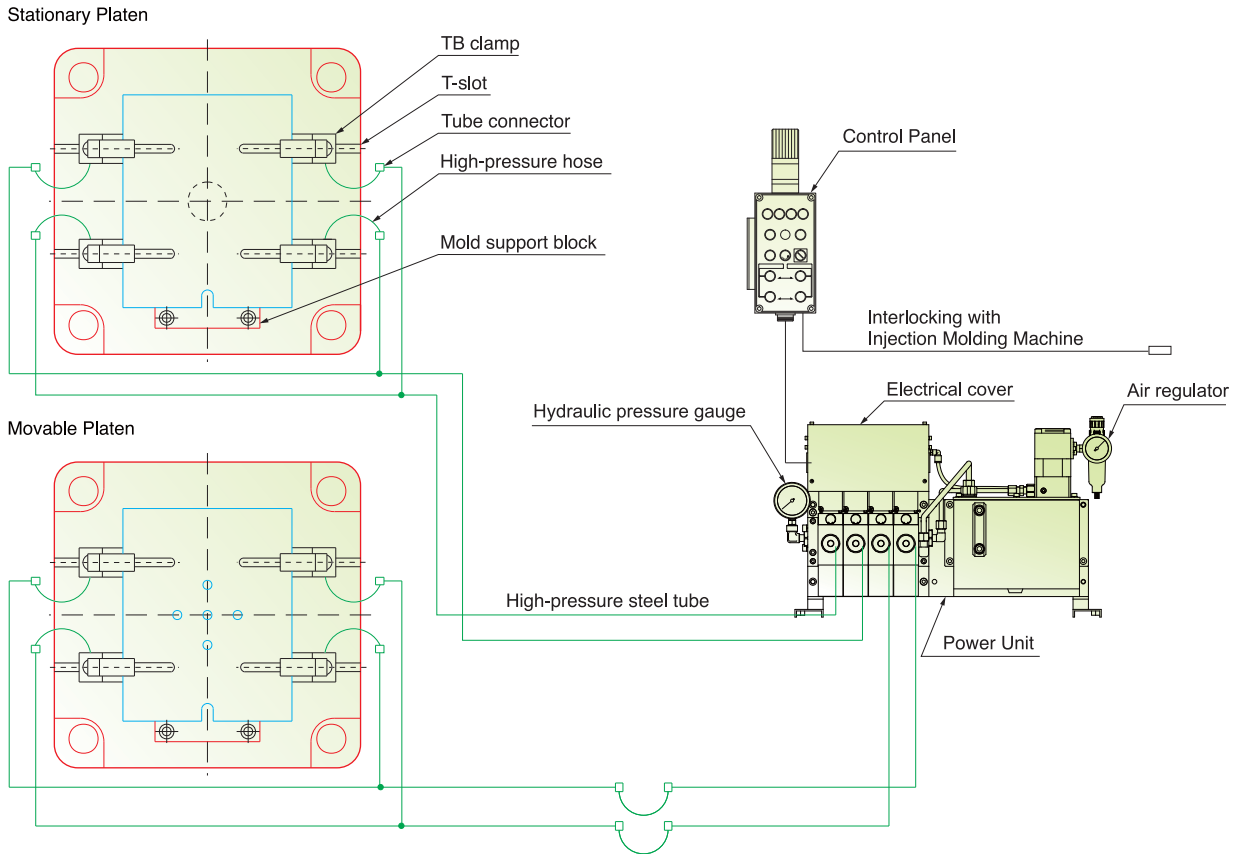
Recommended T-slot and clamping height "h" dimensions.(mm)

Model No.	a	b	c	d	h
TB-01	18 ^{+0.5} ₋₀	30 ⁺¹ ₋₀	12 ⁺¹ ₋₀	15 ± 0.2	35
TB-02					
TB-03					
TB-04	22 ^{+0.5} ₋₀	37 ⁺² ₋₀	16 ⁺² ₋₀	19 ± 0.2	40
TB-06					
TB-10	28 ^{+0.5} ₋₀	46 ⁺² ₋₀	23 ⁺² ₋₀	23 ± 0.2	50
TB-16					
TB-25	36 ^{+0.5} ₋₀	56 ⁺² ₋₀	25 ⁺² ₋₀	28 ± 0.2	





Principle Features



Description

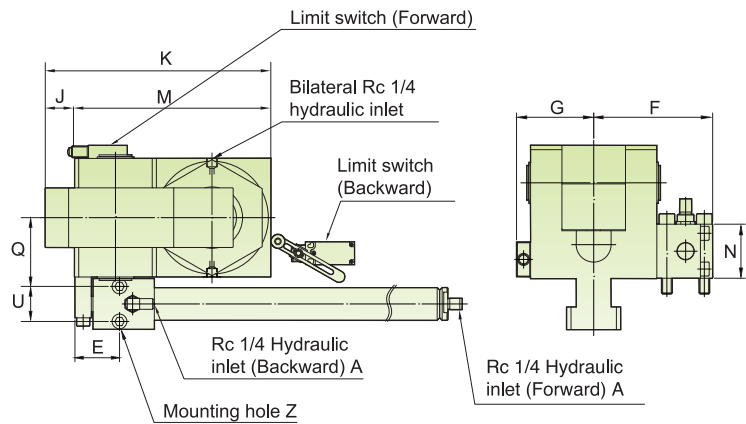
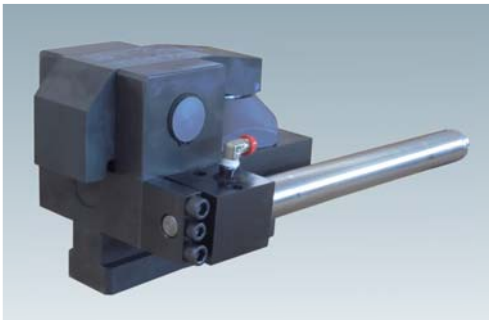
- Mold loading method : Vertical loading.
- Mold plate : If not standardized.
- Conditions : I.M.M. platen needs to be T-slot or fitted with a T-slot plate.
- Mold clamp : Manual feeding.

Important note

- All mold plates must have a standardized thickness.

Standard System Selection

Injection Molding Machine Capacity (M. Ton)	Clamp		Control Panel	Power Unit	
	Model	Q'ty			Single-Side Force (M. Ton)
~50	TB-01	8	EC-08A	BPT-62-LERLERLERLER-0-5-F APT-64-LERLERLERLER-0-5-F JPT-51-LERLERLERLER-0-10-F	
~75	TB-02				4
~150	TB-03				6
~250	TB-04				9.6
~350	TB-06				16
~550	TB-10				25.2
~850	TB-16				40
~1300	TB-25				64
				100	



Outline Dimensions(mm)

Model No.	A	E	F	G	J	K	M	N	Rc	Q	U	W	Z	
													Mounting bolt	Tapping
TE-10	Rc1/8	46	95	79	30	190	160	54	1/4	61	24	92.5	M8X55	M8XD16
TE-16	Rc1/4	54.5	121	75	30	230	200	62		70.5	43	113.5	M12X85	M12XD25
TE-25		54.5	136.5	88.5	32	270	240	62		84	43	127	M12X85	M12XD25

Specifications

Model No.	TE-10	TE-16	TE-25	
Clamping Force (at 250kg/cm ²)	tf	10	16	25
Driving Hydraulic Pressure	kg/cm ²	80		
Slide Stroke	mm	50~300		
Minimum T-slot "a" size	mm	24	28	36
Voltage of Limit Switch		24 VDC		

Order Example

TE- 10 - 100 - L
 ① ② ③

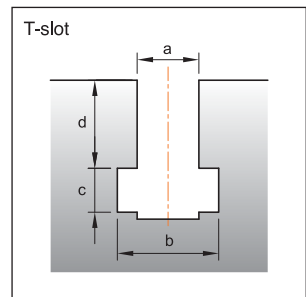
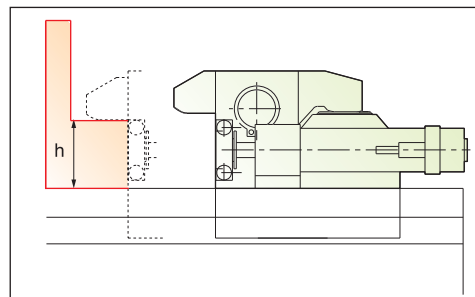
① Model No. : see specifications.

② Slide Stroke (mm)
 Standard stroke : 50, 100, 150, 200, 250, 300

③ Cylinder Mounting Position
 L : Left (As shown in diagram).
 R: Right (To be mounted in reverse order to that shown in diagram).

Note: Specify T -slot (a, b, c, d) and clamping height "h" dimensions when ordering.

Displacement Diagram

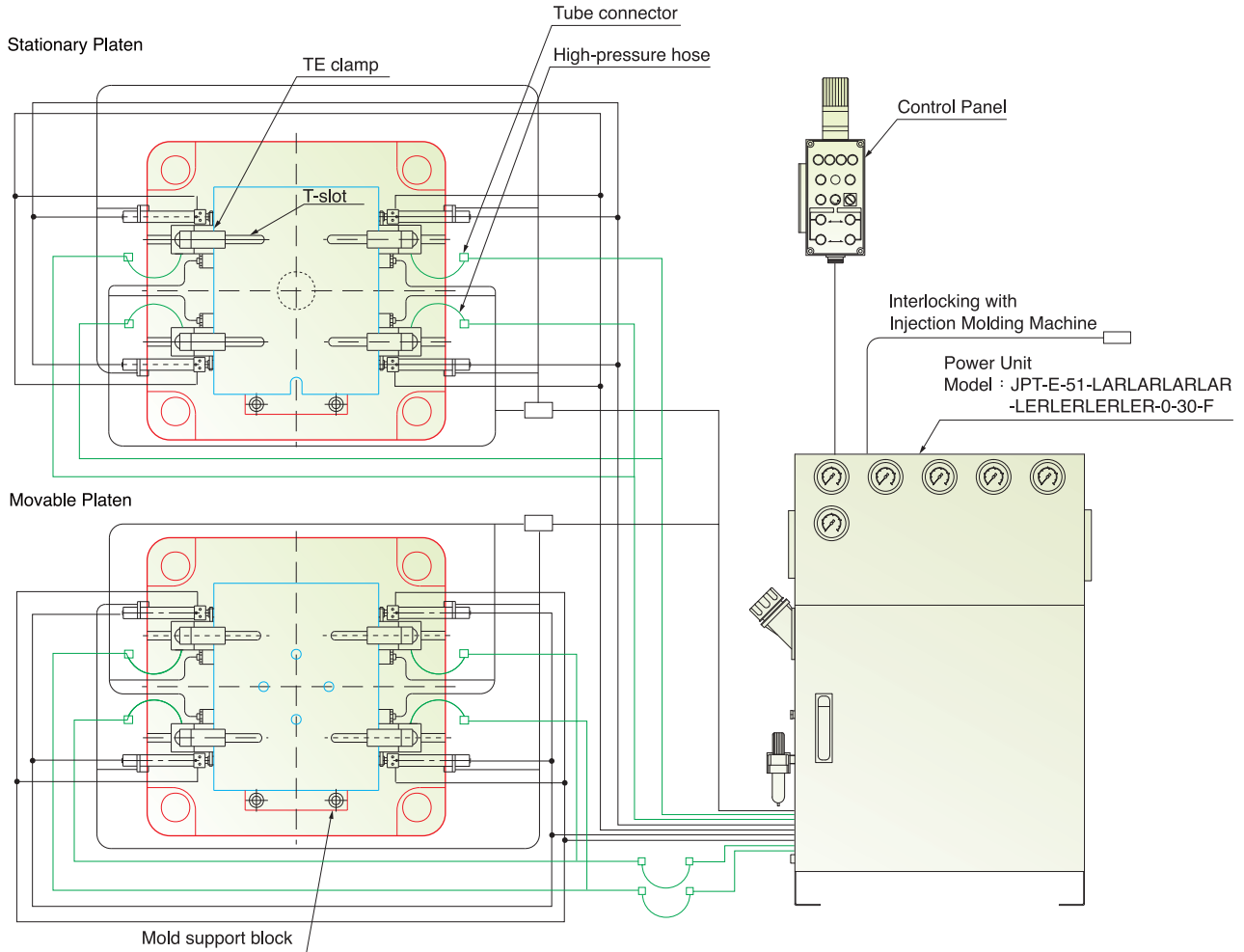


Recommended T-slot and clamping height "h" dimensions.(mm)

Model No.	a	b	c	d	h
TE-10	28 ^{+0.5} ₋₀	46 ⁺² ₋₀	23 ⁺² ₋₀	23 ^{±0.2}	50
TE-16					
TE-25	36 ^{+0.5} ₋₀	56 ⁺² ₋₀	25 ⁺² ₋₀	28 ^{±0.2}	



Principle Features



Description

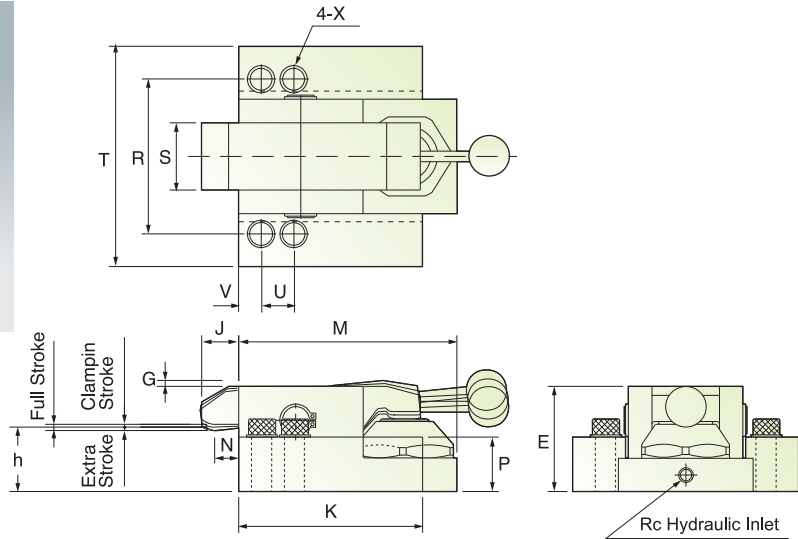
- Mold loading method : Vertical loading
- Mold plate : If not standardized
- Conditions : I.M.M.platen needs to be T-slot or fitted with a T-slot plate
- Mold clamp : Hydraulic cylinder feeding

Important note

- All mold plates must have a standardized thickness

Standard System Selection

Injection Molding Machine Capacity (M. Ton)	Clamp		Control Panel	Power Unit
	Model	Q'ty / Single-Side Force (M. Ton)		
~550	TE-10	8 / 40	EC-08A	JPT-E-51-LARLARLARLAR-LERLERLERLER-0-30-F
~850	TE-16			
~1300	TE-25			



Outline Dimensions(mm)

Model No.	MIN.E	MAX.G	MAX.h	J	MIN.K	M	N	P	Rc	R	S	T	U	V	X
TM-03	60	7	50	20	95	145	14	40	1/4	87	32	130	20	12	M12
TM-04	69	7	50	23	115	188	16	46		102	40	150	25	15	M16
TM-06	82	8	60	30	145	245	20	52		129	50	200	32	18	M20
TM-10	109	8	70	30	190	288	20	69		145	55	250	40	23	M24

Specifications

Model No.		TM-03	TM-04	TM-06	TM-10
Clamping Force (at 250kg/cm ²)	tf	2.4	4	6.3	10
Full Stroke	mm	7	7	8	8
Clamping Stroke	mm	4	4	4	4
Extra Stroke	mm	3	3	4	4
Cylinder Capacity at Full Stroke	cc	7.5	12	22	36
Slide Effective Stroke	mm	50	75	100	100

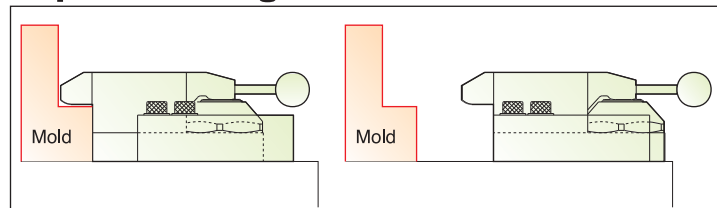
Order Example

TM-06 - 40
 ① ②

① Model No. : see specifications.

② Clamping height "h" (mm)

Displacement Diagram

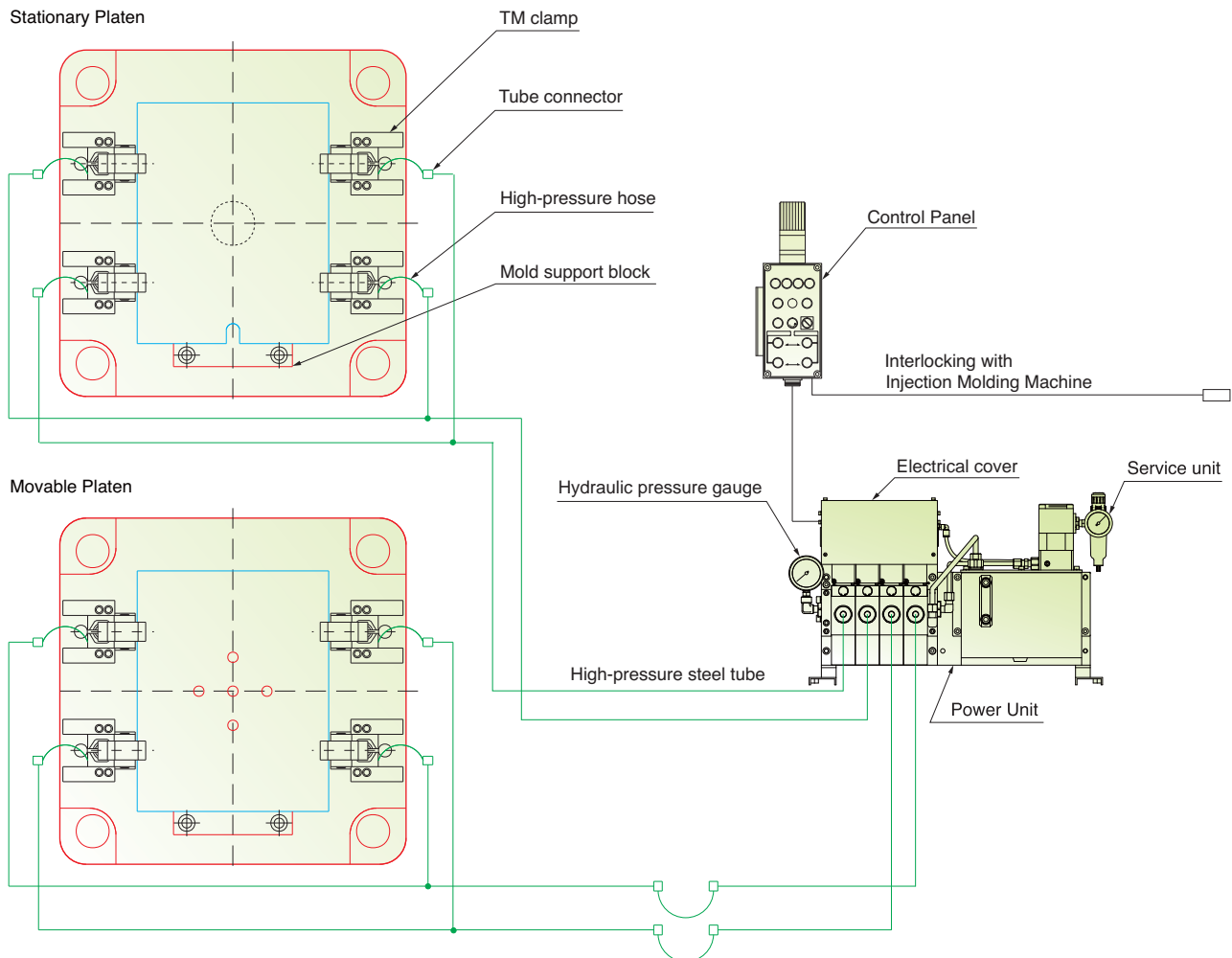


Recommended T-slot and clamping height "h" dimensions.(mm)

Model No.	h
TM-03	40
TM-04	
TM-06	
TM-10	50



Principle Features



Description

- Mold loading method : Vertical loading.
- Mold plate : If not standardized.
- Conditions : Clamp sliding guide lock must be fixed in position on the platen.
- Mold clamp : Manual feeding.

Important note

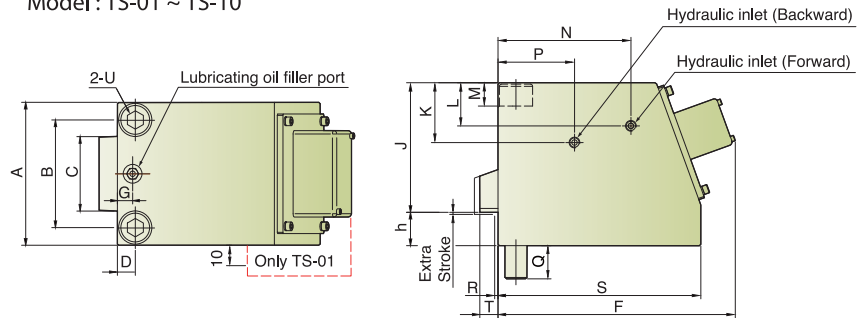
- All mold plates must have a standardized thickness.

Standard System Selection

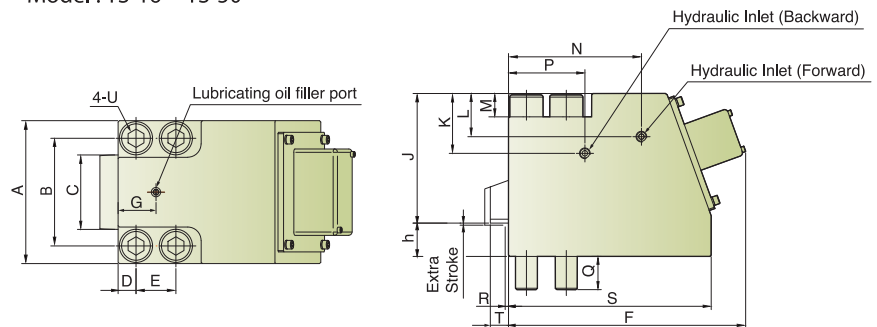
Injection Molding Machine Capacity (M. Ton)	Clamp		Control Panel	Power Unit
	Model	Q'ty		
~150	TM-03	8	EC-08A	BPT-62-LERLERLERLER-0-5-F
~250	TM-04			
~350	TM-06			
~550	TM-10			



Model : TS-01 ~ TS-10



Model : TS-16 ~ TS-50



Outline Dimensions(mm)

Model No.	A	B	C	D	E	F	G	J	K	L	M	N	P	Q	R	S	T	U	Rc
TS-01	48	33	20	8	-	129	10	41	19.5	8	8	48.5	21.5	12	1.5	81	8	M8	1/8
TS-02	58	39	25	9.5	-	140	12	48	23	9.5	10	56.5	28	17	1.5	93	9	M10	1/8
TS-03	72	50	23	11	-	150	8	56	24	17	13	59	30.5	22	2	107	10	M12	1/8
TS-04	92	65	30	17.5	-	173	14	69	30	33	16.5	72	38	27	2	125	15	M16	1/4
TS-06	110	76	43	17	-	191	17	82	34	22	21.5	81	44	34	3	140	14	M20	1/4
TS-10	135	95	52	20	-	202	20	98	36	51	25.5	95	46	37	3	152	17	M24	1/4
TS-16	138	104	75	17	40	256	40	128	63	63	21	144	80	33	5	205	20	M20	1/4
TS-25	170	130	95	20	50	302	45	155	80	80	25	174	94	40	5	245	24	M24	1/4
TS-40	215	162	108	27	60	357	57	195	90	65	35	200	115	50	5	305	28	M30	3/8
TS-50	215	162	108	27	60	357	57	195	90	65	35	200	115	50	5	305	28	M33	3/8

Specifications

Model No.		TS-01	TS-02	TS-03	TS-04	TS-06	TS-10	TS-16	TS-25	TS-40	TS-50	
Clamping Force(at 140kg/cm ²)	tf	1	1.5	2.4	4	6.3	10	16	25	40	50	
Holding Force (at 0 kg/cm ²)	tf	0.4	0.6	1	1.5	2.5	4	6.4	10	16	16	
Extra Stroke	mm	1.0						1.5				

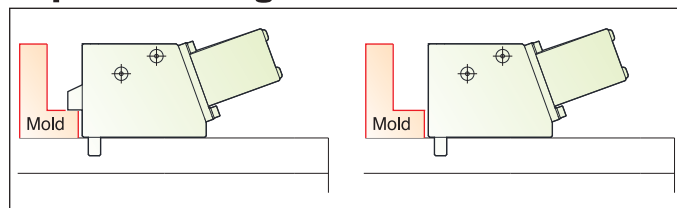
Order Example

TS-06 - 35
 ① ②

① Model No. : see specifications.

② Clamping height "h" (mm).

Displacement Diagram

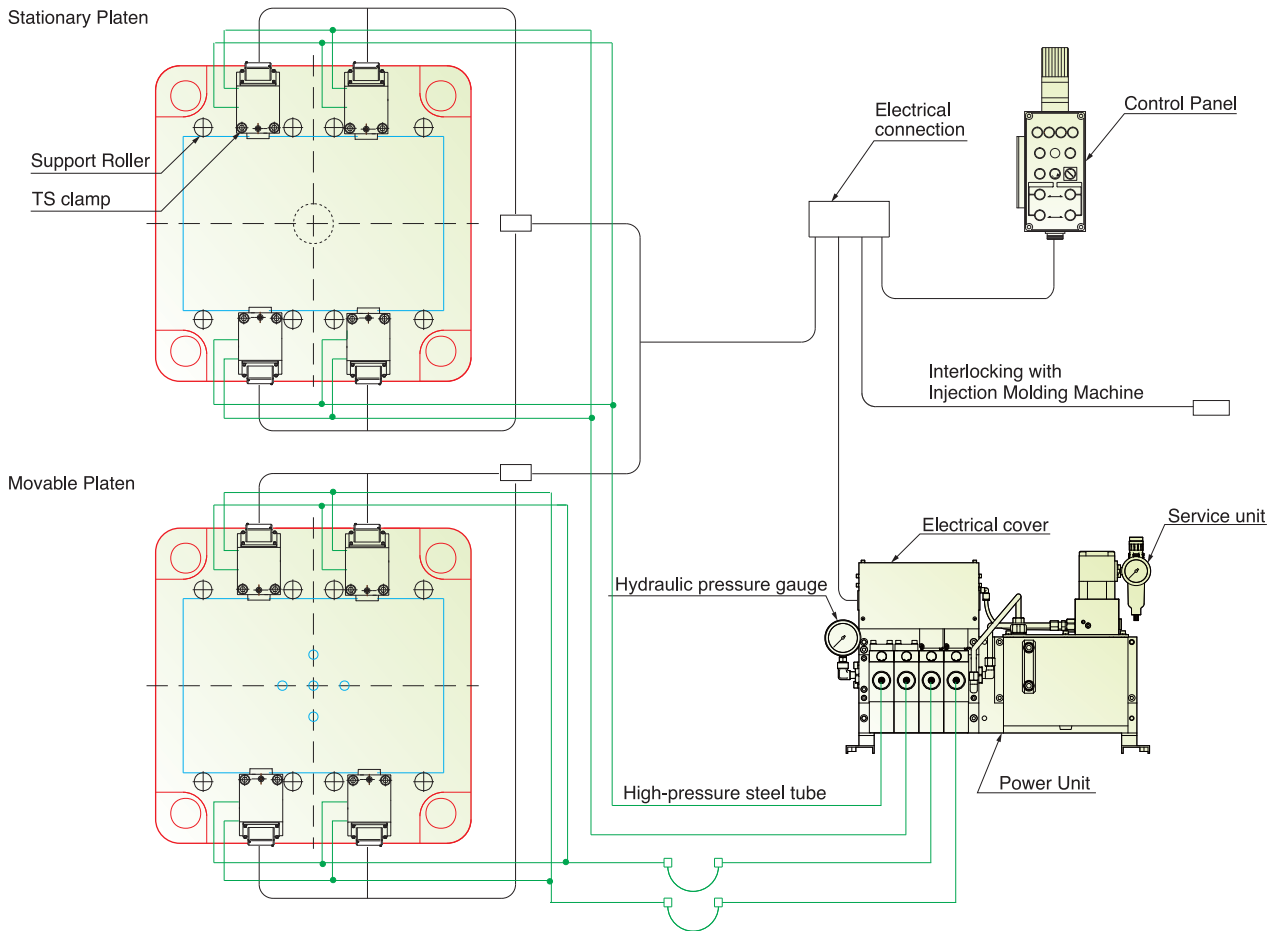


Recommended clamping height "h" dimensions.(mm)

Model No.	TS-01	TS-02	TS-03	TS-04	TS-06	TS-10	TS-16	TS-25	TS-40	TS-50
h ± 0.5	20	30	35	40	50					



Principle Features

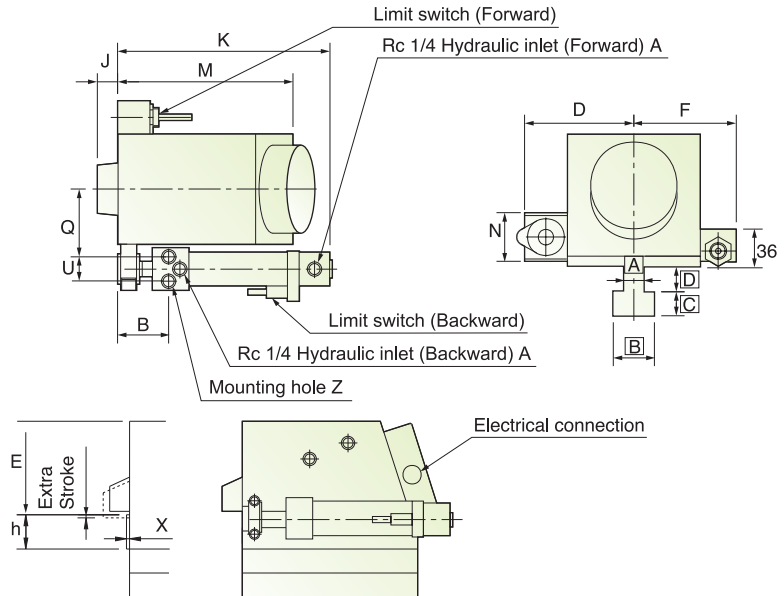


Description

- Mold loading method : Horizontal or Vertical loading is required.
- Mold plate : If standardized.
- Conditions : Clamp must be fixed in position on the platen.
- Mold clamp : Stationary.

Standard System Selection

Injection Molding Machine Capacity (M. Ton)	Clamp			Control Panel	Power Unit
	Model	Q'ty	Single-Side Force (M. Ton)		
~50	TS-01	8	4	EC-08A	BPT-49-LERLER-LARLAR-0-5-F
~75	TS-02		6		
~150	TS-03		9.6		
~250	TS-04		16		APT-44-LERLER-LARLAR-0-5-F
~350	TS-06		25.2		
~550	TS-10		40		
~850	TS-16		64		WPT-39-LERLER-LARLAR-0-5-F
~1300	TS-25		100		
~2000	TS-40		160		
~3000	TS-50	200			



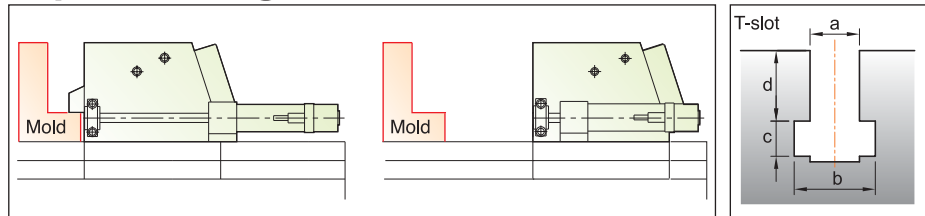
Outline Dimensions(mm)

Model No.	A	B	D	E	F	J	K	M	N	Q	U	X	Z	
													Mounting bolt	Tapping
TS-03A	Rc1/8	40	71.5	56	67	10	159	112	37	47	18	2	M5X0.8X40	M5X0.8XD10
TS-04A		46	86.5	69	76	12	180	128	52	57	22		M6X50	M6XD12
TS-06A		46	92.5	82	76	14	202	145	58	59	24	3	M8X55	M8XD16
TS-10A		56	114.0	106	86	18	215	160	71	71.5	32		M10X70	M10XD20
TS-16A	Rc1/4	64	140.0	140	100	20	262	210	81	87	41	5	M12X85	M12XD24
TS-25A		66	167.5	170	116	24	308	250	87	106	46		M16X100	M16XD32

Specifications

Model No.	TS-03A	TS-04A	TS-06A	TS-10A	TS-16A	TS-25A
Clamping Force	tf	2.4	4	6.3	10	25
Holding Force (at 140kg/cm ²)	tf	2.4	4	6.3	10	25
Holding Force (at 0kg/cm ²)	tf	0.5	0.8	1.0	2	5
Driving Air Pressure	kg/cm ²	5				
Slide Stroke	mm	50~150		50~300		
Extra Stroke	mm	1.0			1.5	
Minimum T-slot "a" size	mm	18	20	22	22	32
Voltage of Limit Switch		24 VDC				

Displacement Diagram



Order Example

TS-06A - 100 - L
 ① ② ③

① Model No. : see specifications.

② Slide Stroke (mm)
 Standard stroke : 50, 100, 150,
 200, 250, 300

③ Cylinder Mounting Position
 L: Left (As shown in diagram).
 R: Right (To be mounted in reverse order to that
 shown in diagram).

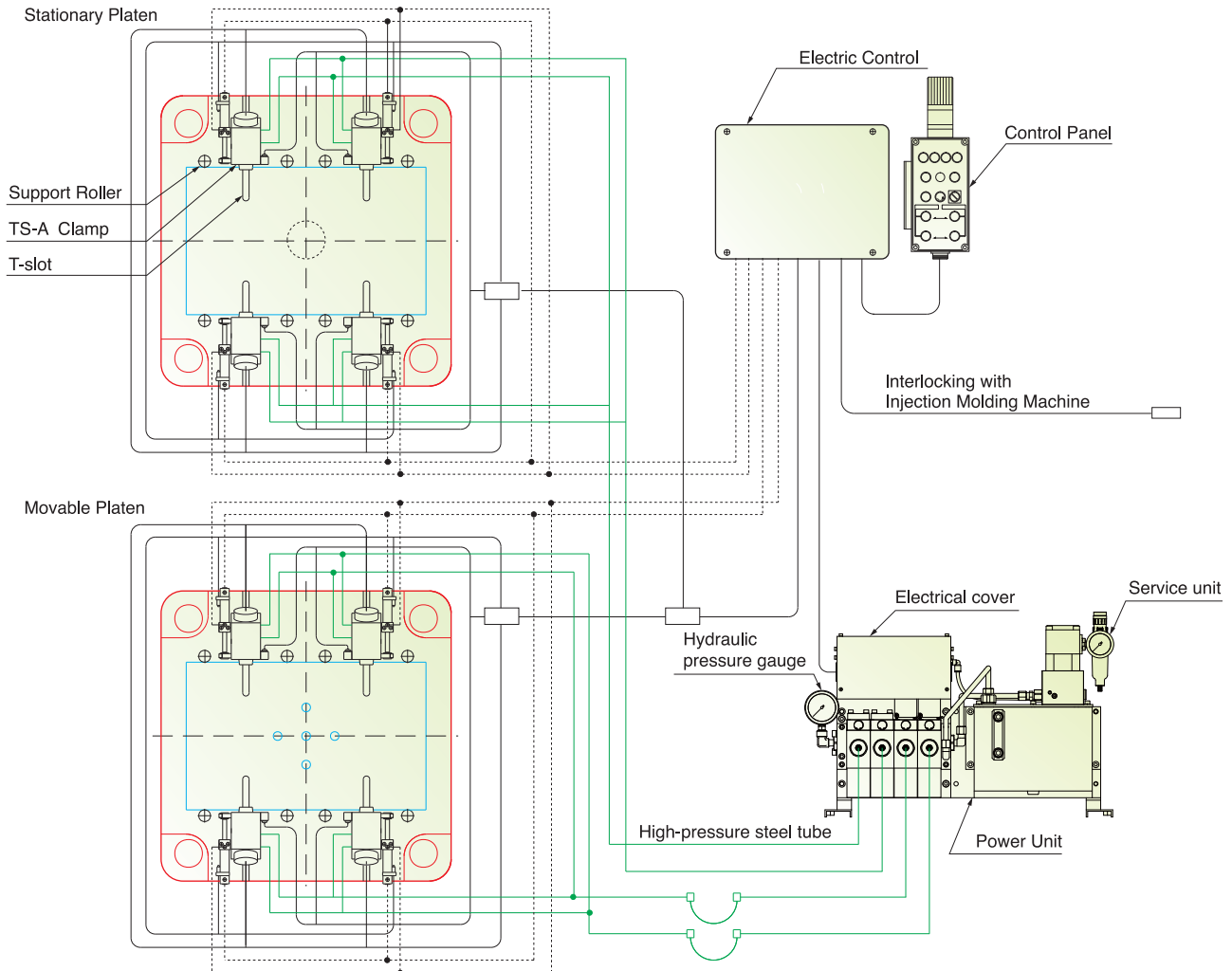
Note: Specify T -slot (a, b, c, d) and clamping height "h" dimensions when ordering.

Recommended T-slot and clamping height "h" dimensions.(mm)

Model No.	a	b	c	d	h±0.5
TS-03A	22 ^{+0.5} ₀	37 ⁺² ₀	16 ⁺² ₀	19 ^{±0.2}	30
TS-04A					35
TS-06A					35
TS-10A	28 ^{+0.5} ₀	46 ⁺² ₀	23 ⁺² ₀	23 ^{±0.2}	40
TS-16A					40
TS-25A	36 ^{+0.5} ₀	56 ⁺² ₀	25 ⁺² ₀	28 ^{±0.2}	50



Principle Features



Description

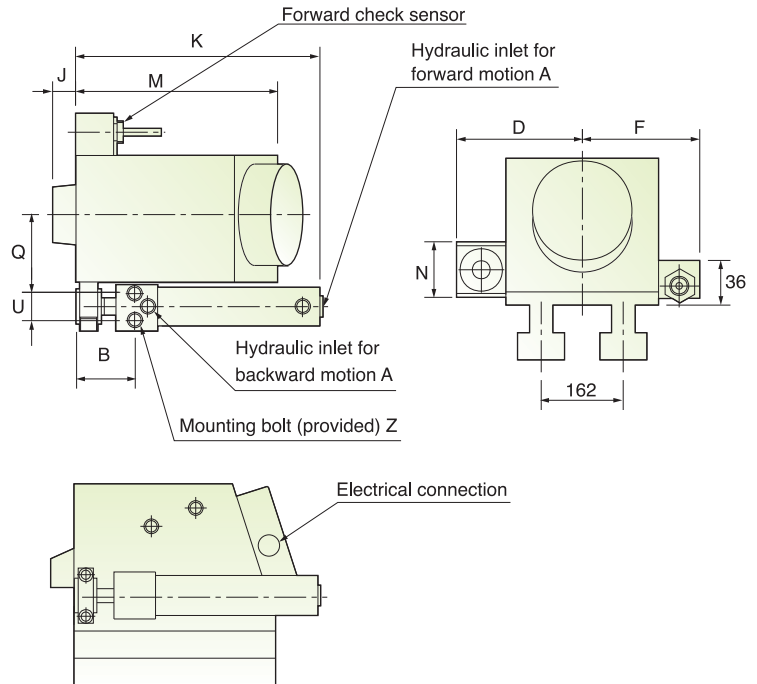
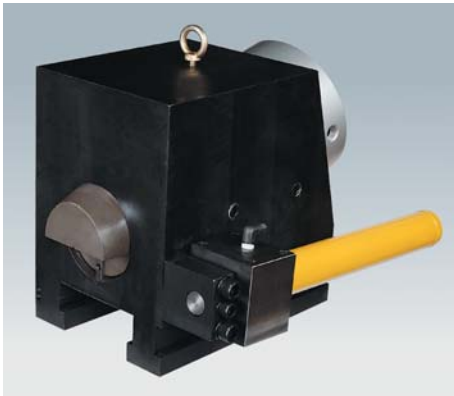
- Mold loading method : Horizontal or Vertical loading is required.
- Mold plate : If not standardized.
- Conditions : I.M.M platen needs to be T-slot or fitted with a T-slot plate.
- Mold clamp : Pneumatic cylinder feeding.

Important note

- All mold plates must have a standardized thickness.

Standard System Selection

Injection Molding Machine Capacity (M. Ton)	Clamp		Control Panel	Electric Control	Power Unit	
	Model	Q'ty				Single-Side Force (M. Ton)
~150	TS-03A	8	EC-08A	EP-02	BPT-49-LERLER-LARLAR-0-5-F	
~250	TS-04A					9.6
~350	TS-06A					16
~550	TS-10A				25.2	APT-44-LERLER-LARLAR-0-5-F
~850	TS-16A				40	JPT-39-LERLER-LARLAR-0-18-F
~1300	TS-25A				64	
					100	



Outline Dimensions(mm)

Model No.	A	B	D	E	F	J	K	M	N	Q	U	X	Z	
													Mounting bolt	Tapping
TS-40H	Rc1/4	73	183.5	195	138.5	28	360	310	70	123.5	50	5	M12X95	M12XD25
TS-50H														

Specifications

Model No.	TS-40H	TS-50H
Clamping Force	tf 40	50
Holding Force (at 140kg/cm ²)	tf 40	50
Holding Force (at 0kg/cm ²)	tf 8.0	8.0
Hydraulic Cylinder Driving Pressure MAX.	kg/cm ² 140	
Slide Stroke	mm 50~300	
Extra Stroke	mm 1.5	
Minimum T-slot "a" size	mm 42	
Sensor Load Voltage	24 VDC	

Order Example

TS-50H - 100 - L

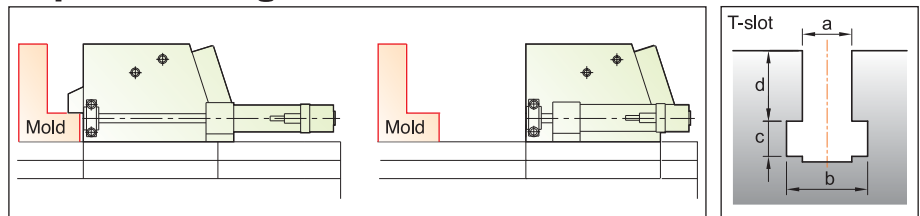
① Model No. : see specifications.

② Slide Stroke (mm)
Standard stroke : 50, 100, 150, 200, 250, 300

③ Cylinder Mounting Position
L: Left (As shown in diagram).
R: Right (To be mounted in reverse order to that shown in diagram).

Note: Specify T-slot (a, b, c, d) and clamping height "h" dimensions when ordering.

Displacement Diagram

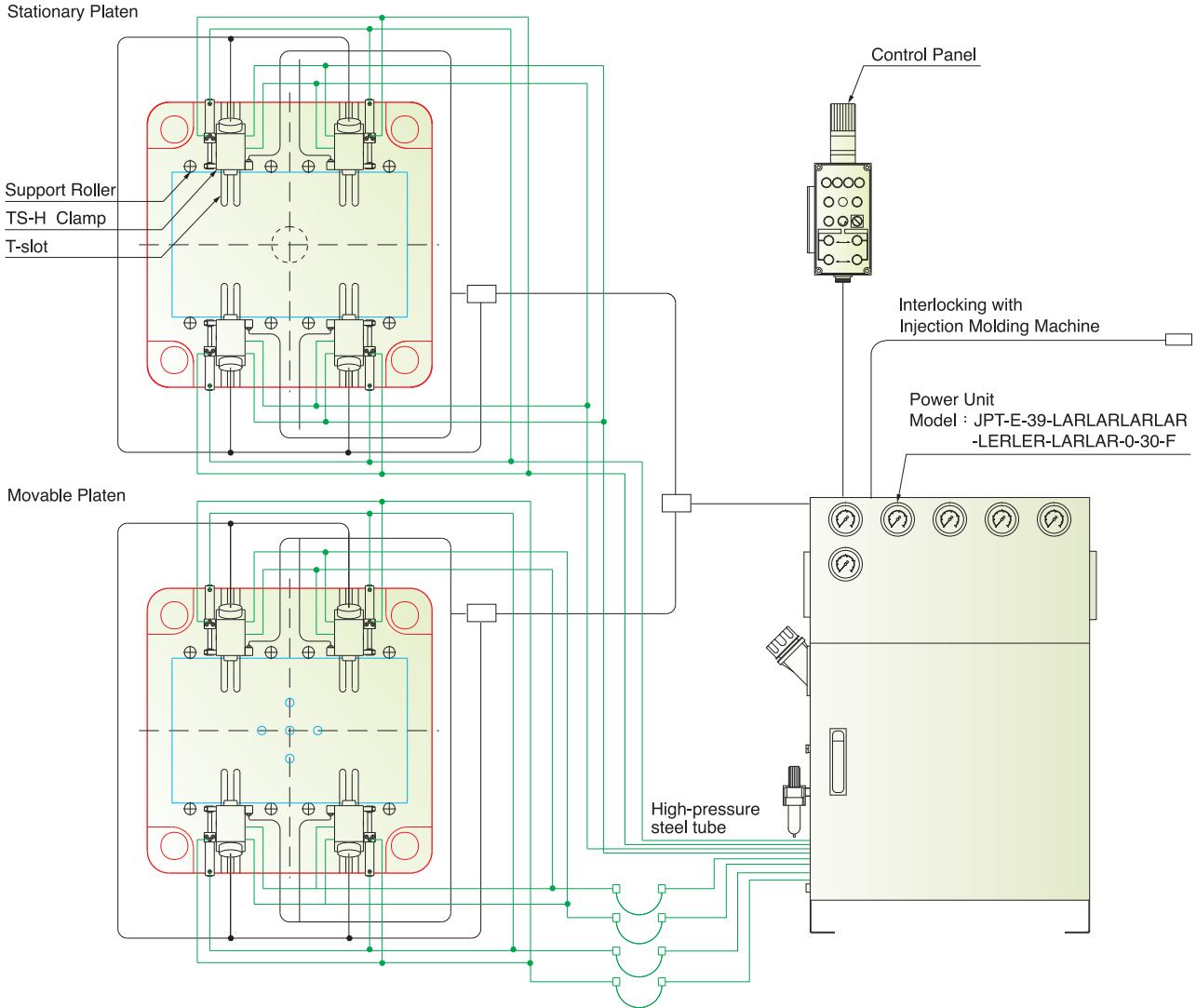


Recommended T-slot and clamping height "h" dimensions.(mm)

Model No.	a	b	c	d	h ±0.5
TS-40H	42 ^{+0.5} / ₀	68 ⁺² / ₀	32 ⁺² / ₀	42 ^{±0.2}	75
TS-50H					



Principle Features



Description

- Mold loading method : Horizontal or Vertical loading is required.
- Mold plate : If not standardized.
- Conditions : I.M.M platen needs to be T-slot or fitted with a T-slot plate.
- Mold clamp : Hydraulic cylinder feeding.

Important note

- All mold plates must have a standardized thickness.

Standard System Selection

Injection Molding Machine Capacity (M. Ton)	Clamp		Control Panel	Power Unit
	Model	Q'ty		
~2000	TS-40H	8	EC-08A	JPT-E-39-LARLARLARLAR-LERLER LARLAR-0-30-F
~3000	TS-50H			

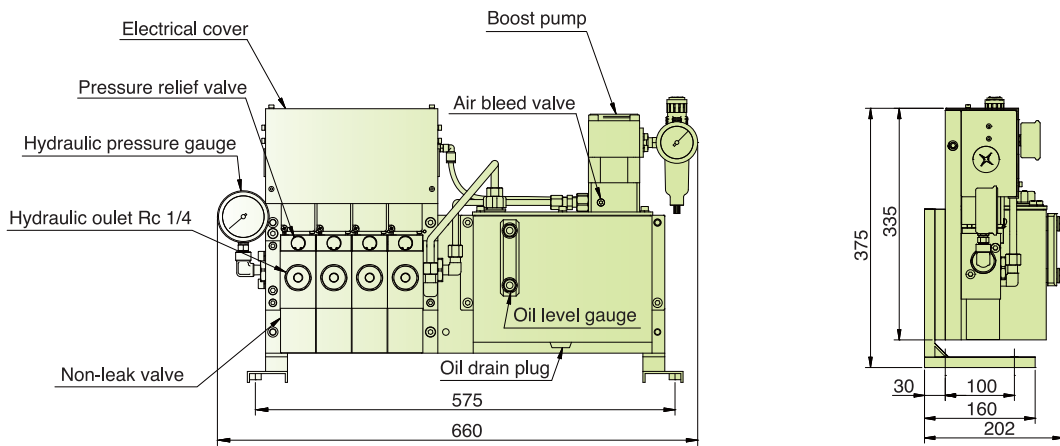
Note : Consult us when you need to select a system for a I.M.M that exceeds 3000 ton capacity.



Four Circuits Power Unit



Outline Dimensions



Technical Data

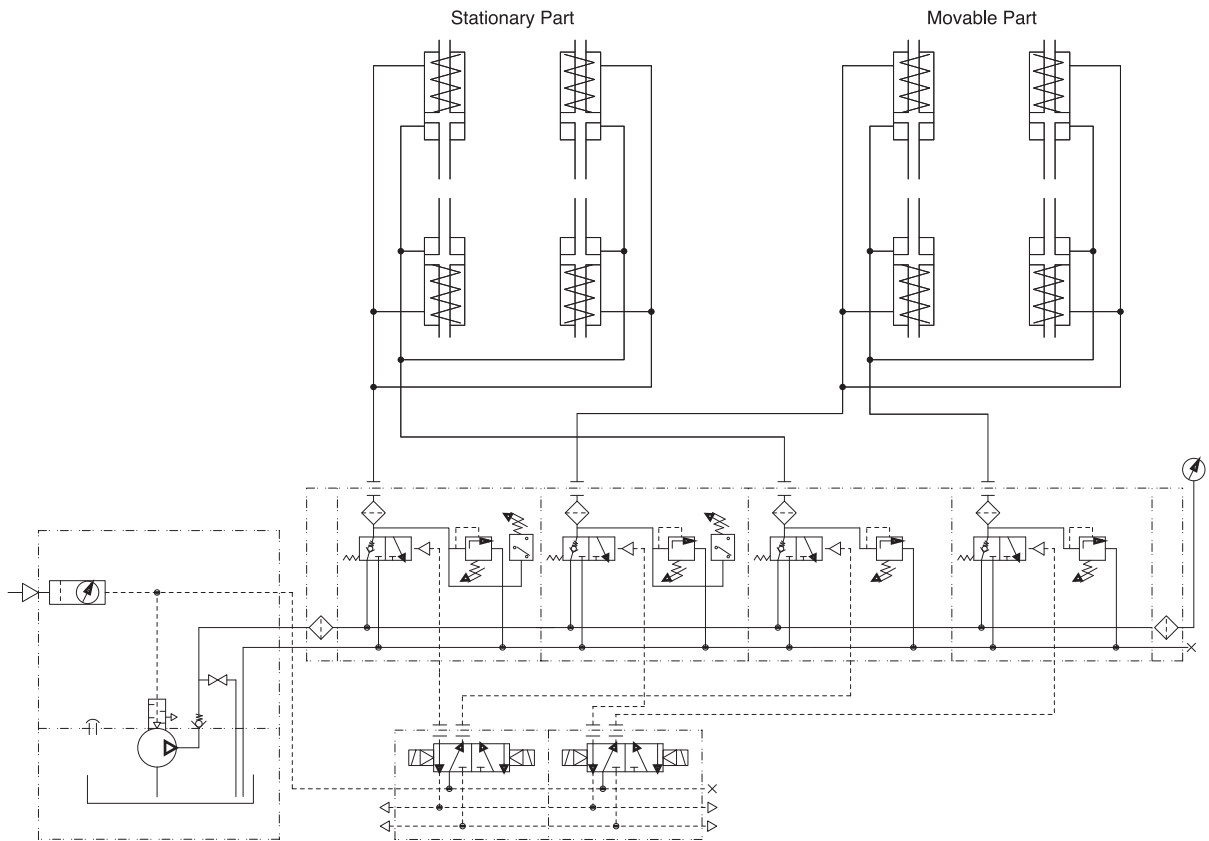
Model No.	BPT-49-LERLERLARLAR-0-5-F	BPT-62-LERLERLERLER-0-5-F
Operating pressure	140 kg/cm ²	250 kg/cm ²
Transmission ratio	1 : 49	1 : 62
Air pressure	3.1 bar	4.2 bar
Valve voltage	24 VDC	24 VDC
Hydraulic oil	ISO-VG-32	ISO-VG-32
Max. charge	5 L	5 L
Usable oil volume	4 L	4 L



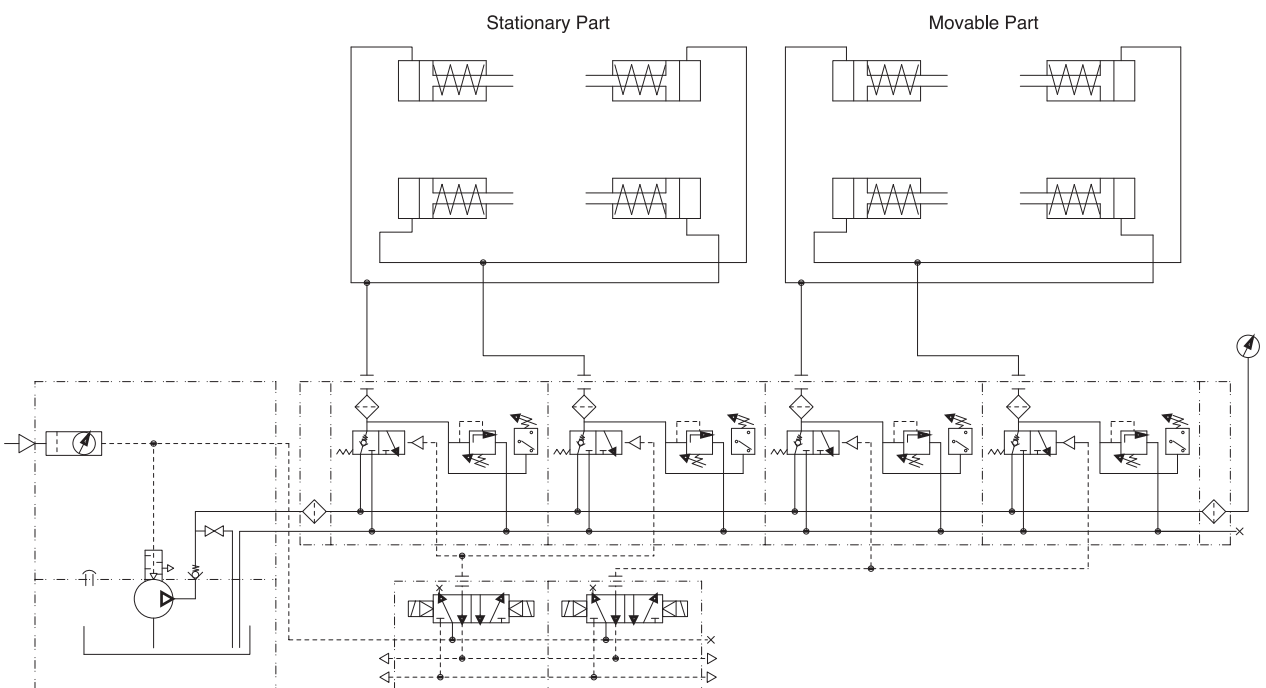
Four Circuits Power Unit

Hydraulic Circuit Diagram

Model : BPT-49-LERLERLARLAR-0-5-F



Model : BPT-62-LERLERLERLER-0-5-F

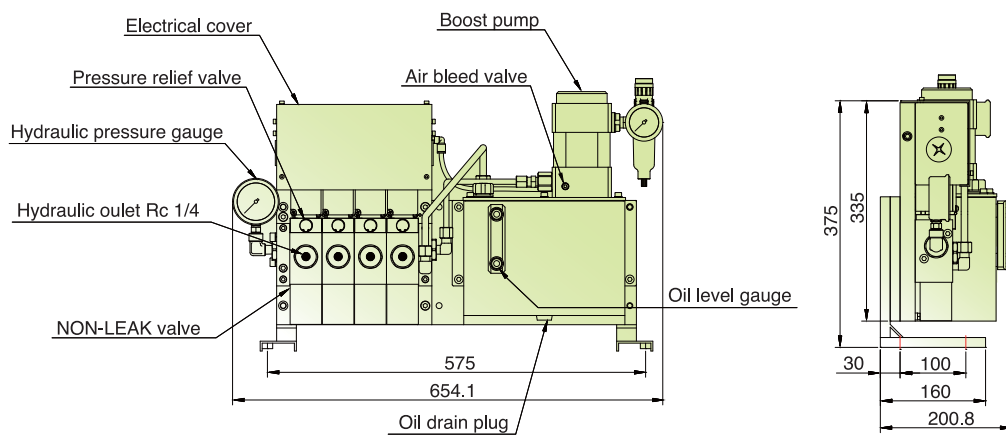




Four Circuits Power Unit



Outline Dimensions



Technical Data

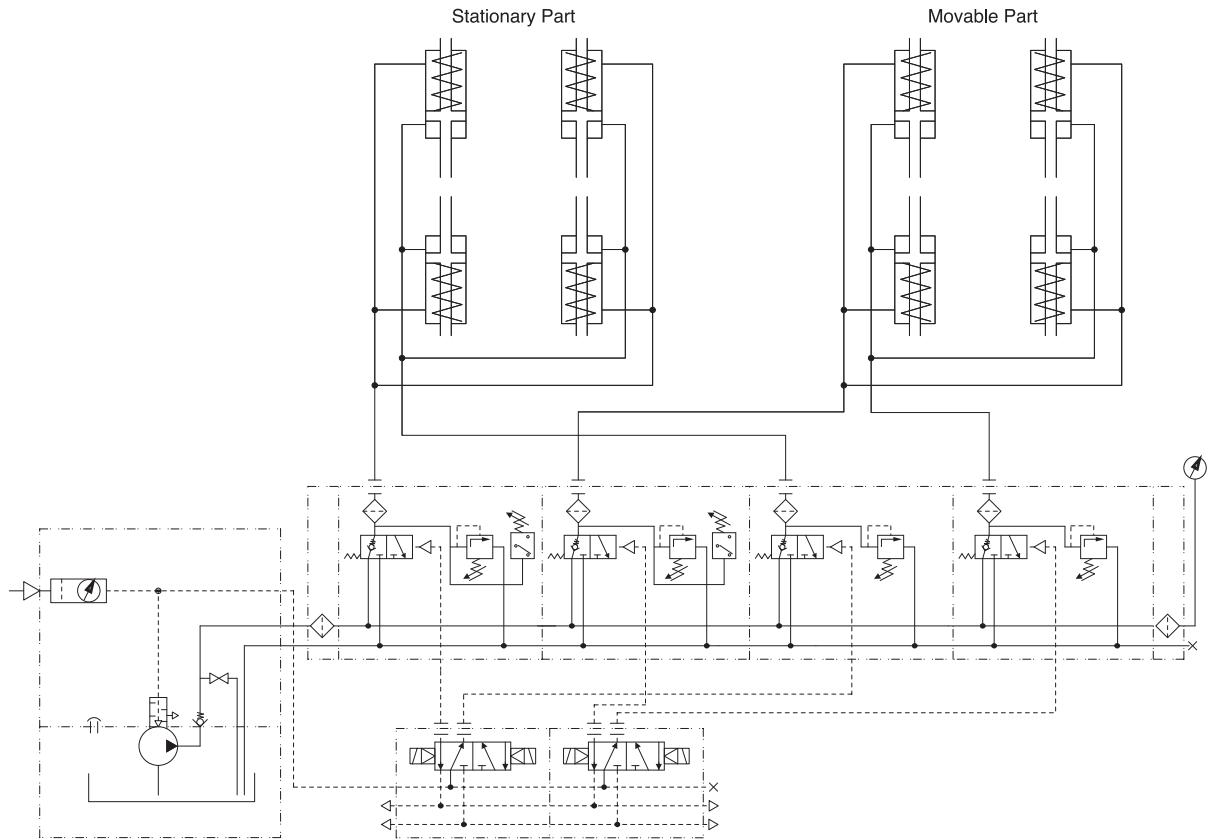
Model No.	APT-44-LERLER-LARLAR-0-5-F	APT-64-LERLERLERLER-0-5-F
Operating pressure	140 kg/cm ²	250 kg/cm ²
Transmission ratio	1 : 44	1 : 64
Air pressure	3.3 bar	4.2 bar
Valve voltage	24 VDC	24 VDC
Hydraulic oil	ISO-VG-32	ISO-VG-32
Max. charge	5 L	5 L
Usable oil volume	4 L	4 L



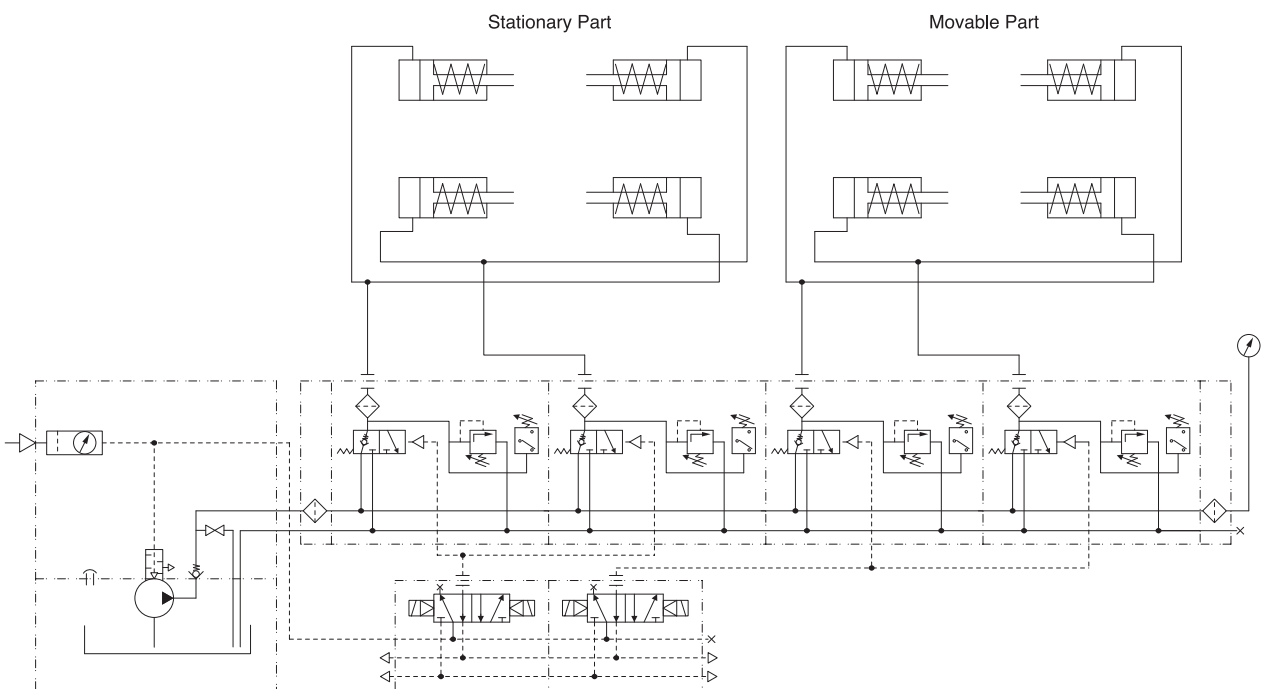
Four Circuits Power Unit

Hydraulic Circuit Diagram

Model : APT-44-LERLER-LARLAR-0-5-F



Model : APT-64-LERLERLERLER-0-5-F





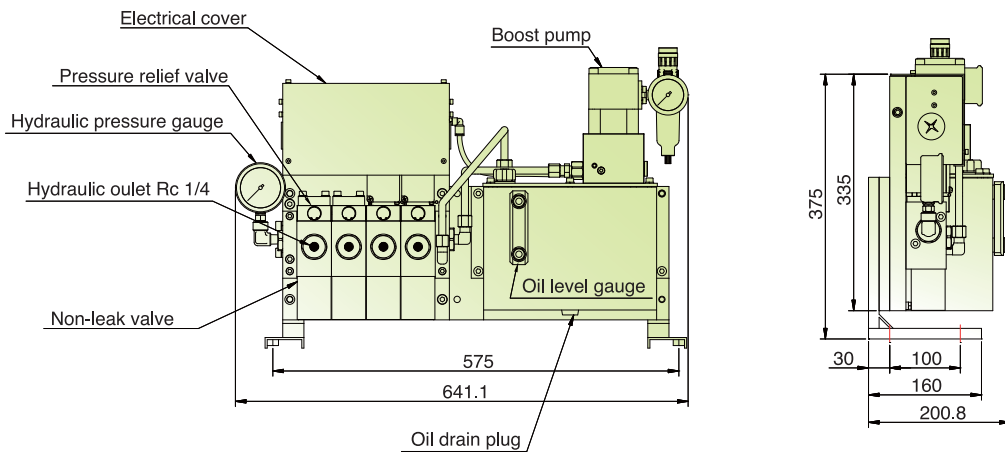
Four Circuits Power Unit



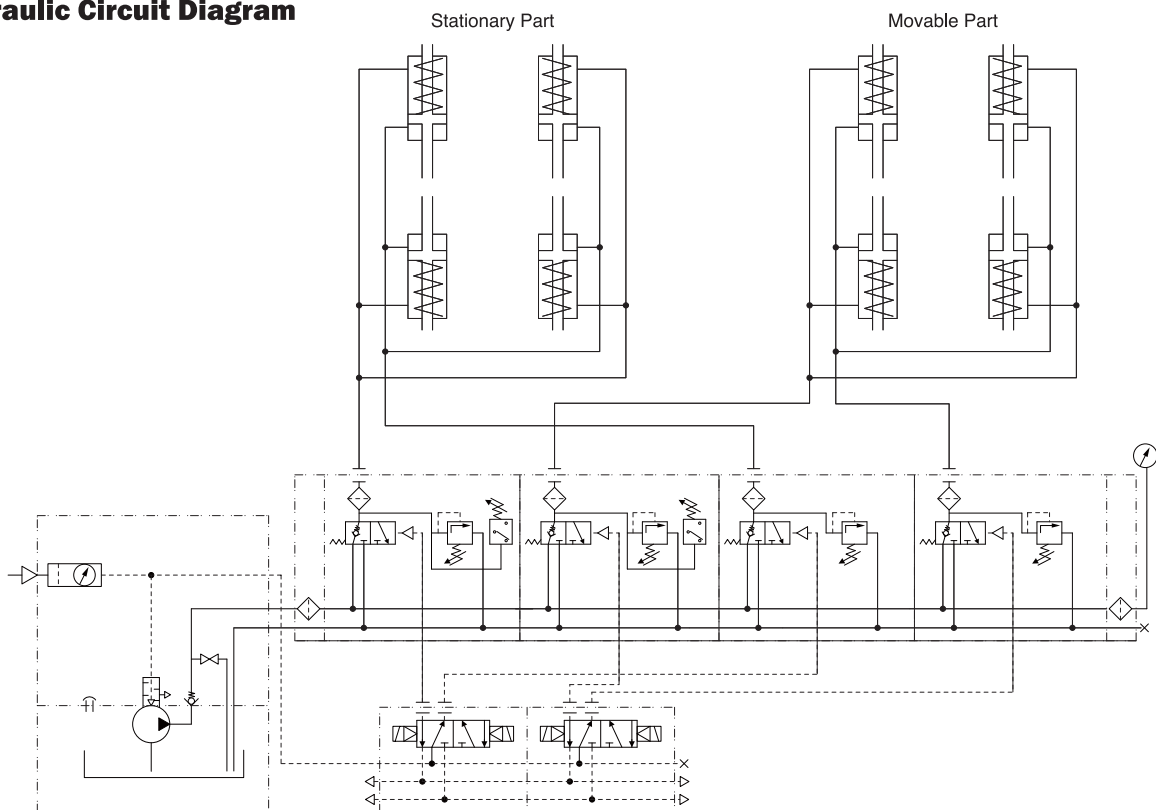
Technical Data

- Model : WPT-39-LERLER-LARLAR-0-5-F
- Operating pressure : 140 kg/cm²
- Transmission ratio : 1 : 39
- Air pressure : 3.7 bar
- Valve voltage : 24 VDC
- Hydraulic oil : ISO-VG-32
- Max. charge : 5 L
- Usable oil volume : 4 L

Outline Dimensions



Hydraulic Circuit Diagram





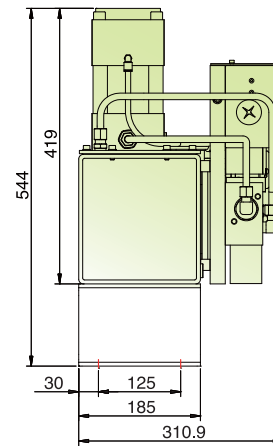
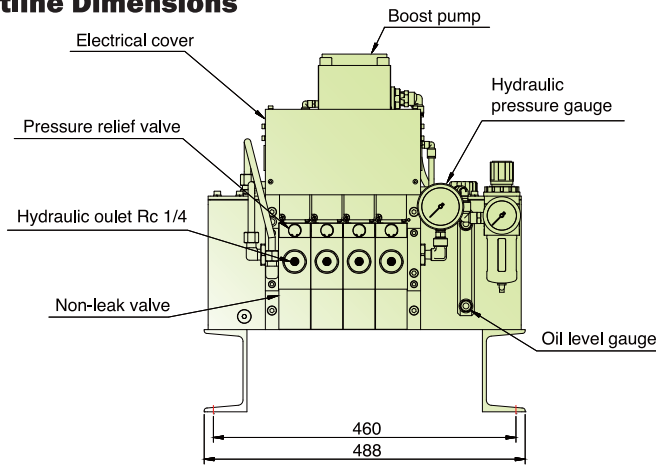
Four Circuits Power Unit



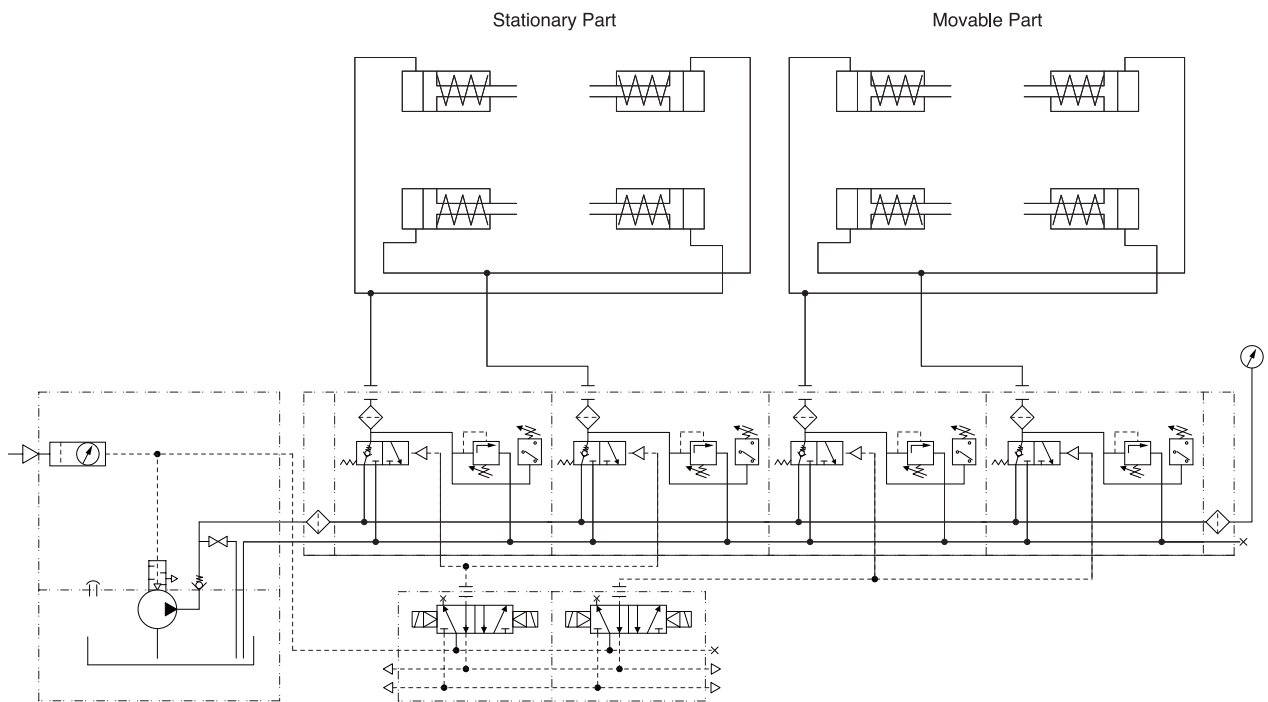
Technical Data

- Model : JPT-51-LERLERLERLER-0-10-F
- Operating pressure : 250 kg/cm²
- Transmission ratio : 1 : 51
- Air pressure : 5.1 bar
- Valve voltage : 24 VDC
- Hydraulic oil : ISO-VG-32
- Max. charge : 10 L
- Usable oil volume : 8 L

Outline Dimensions



Hydraulic Circuit Diagram

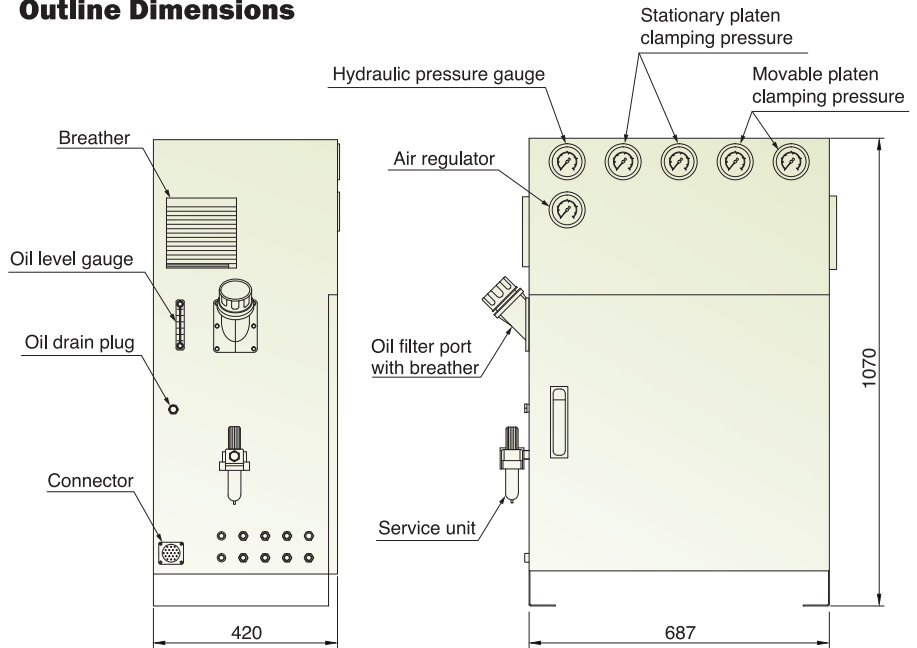




Model : JPT-E-51-LARLARLARLAR-LERLERLERLER-O-30F



Outline Dimensions



Technical Data

A. Boost pump

- Operating pressure : 140 kg/cm²
- Transmission ratio : 1 : 39
- Air pressure : 4.2 bar

B. Control valve

- Voltage : 24 VDC

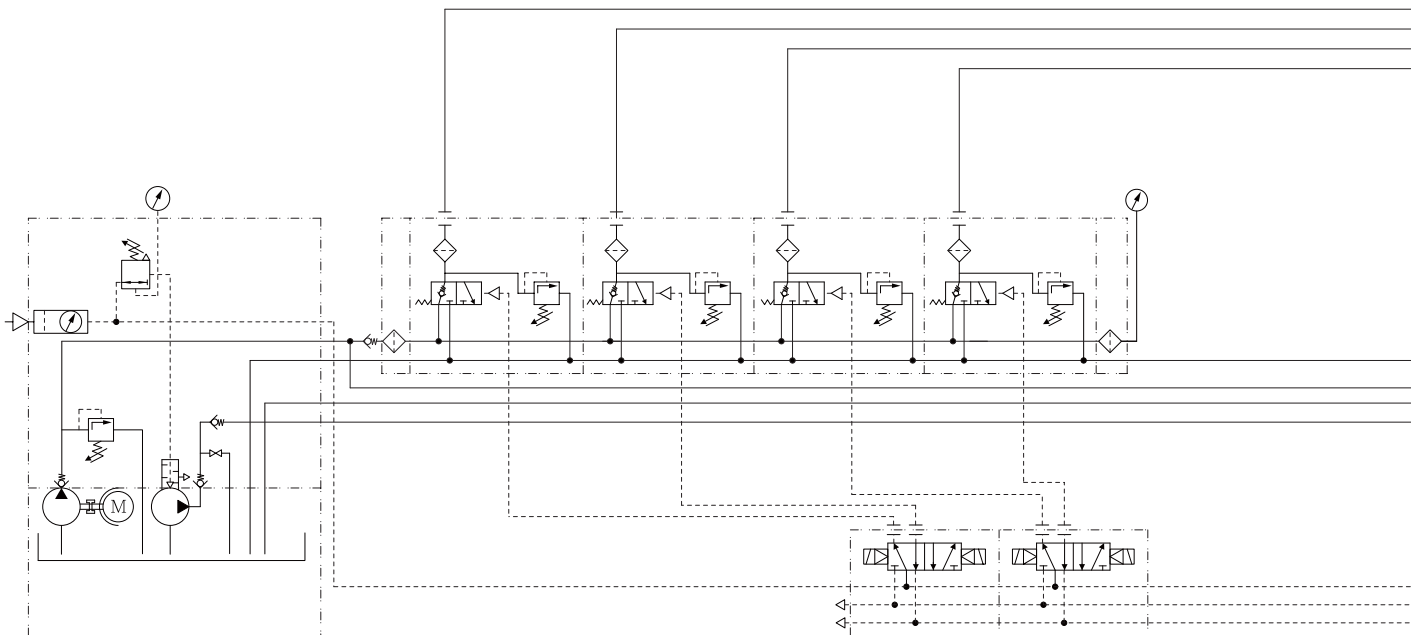
C. Motor

- Nominal rating : 1.5kw
- Voltage : 220/380 V
- Power system : 3-phase AC 60 Hz

D. Reservoir

- Hydraulic oil : ISO-VG-68
- Max. charge : 35 (L)
- Usable oil volume : 30 (L)

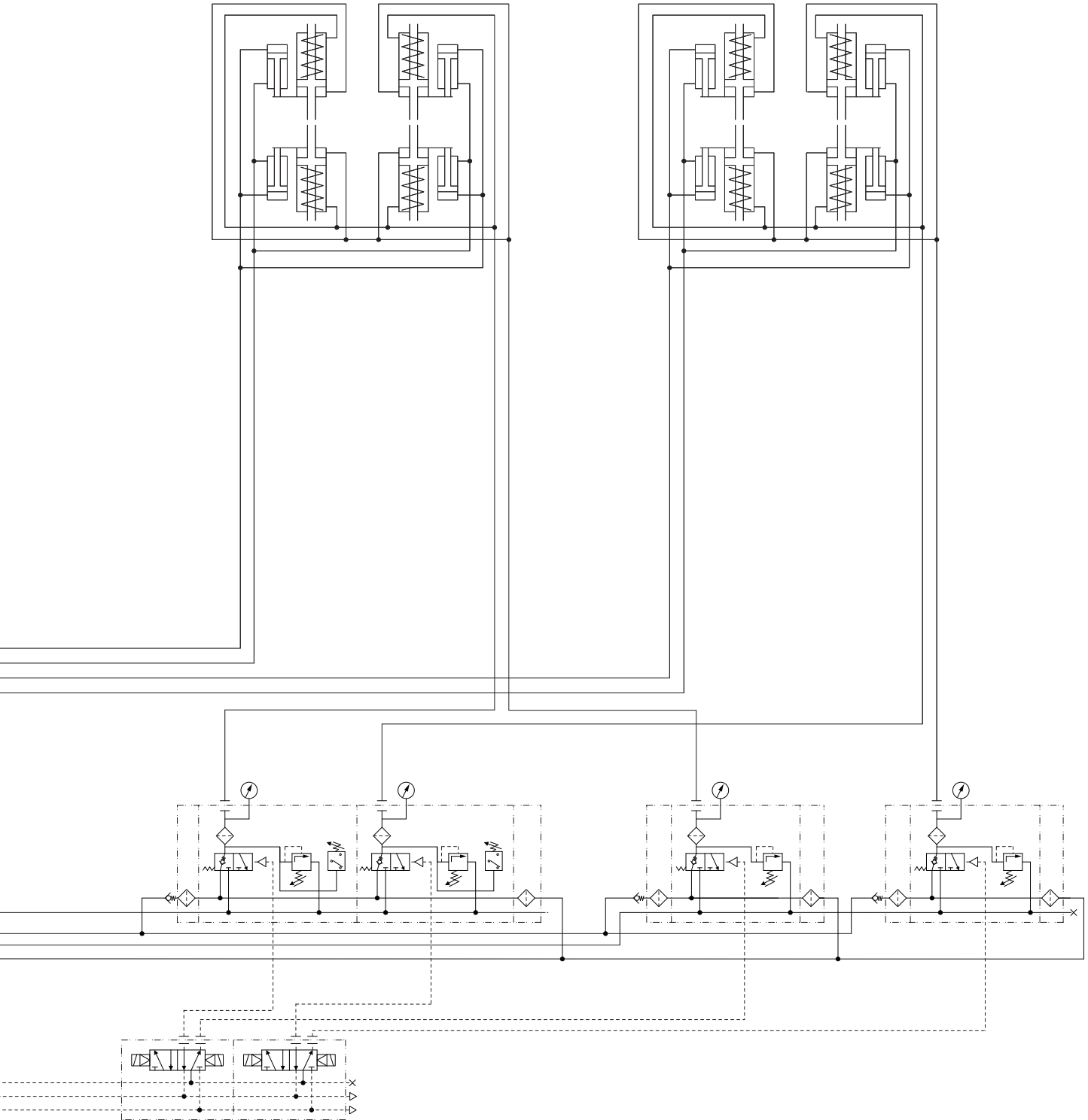
Hydraulic Circuit Diagram





Stationary Part

Movable Part

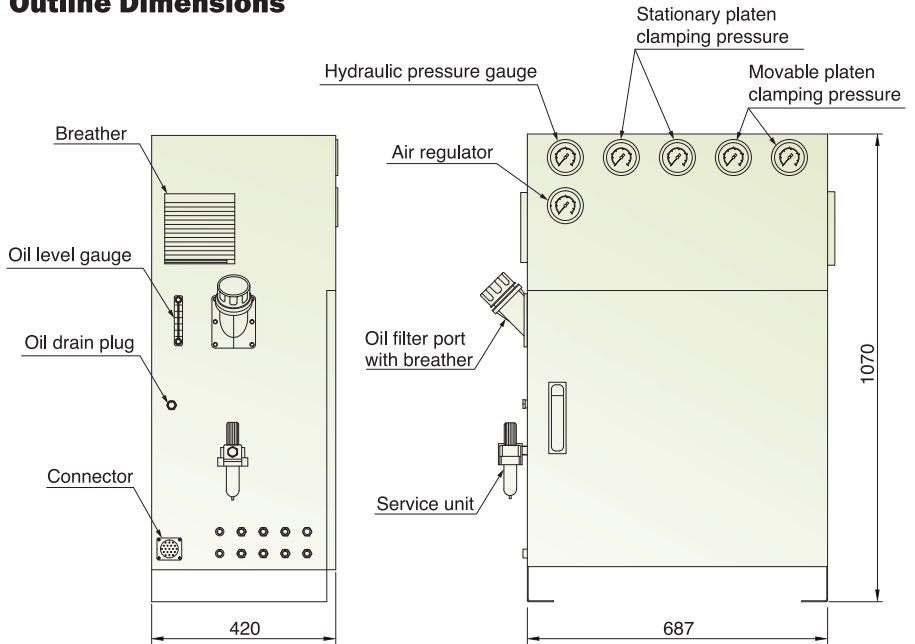




Model : JPT-E-51-LARLARLARLAR-LERLERLERLER-O-30F



Outline Dimensions



Technical Data

A. Boost pump

- Operating pressure : 250 kg/cm²
- Transmission ratio : 1 : 51
- Air pressure : 3.8 bar

B. Control valve

- Voltage : 24 VDC

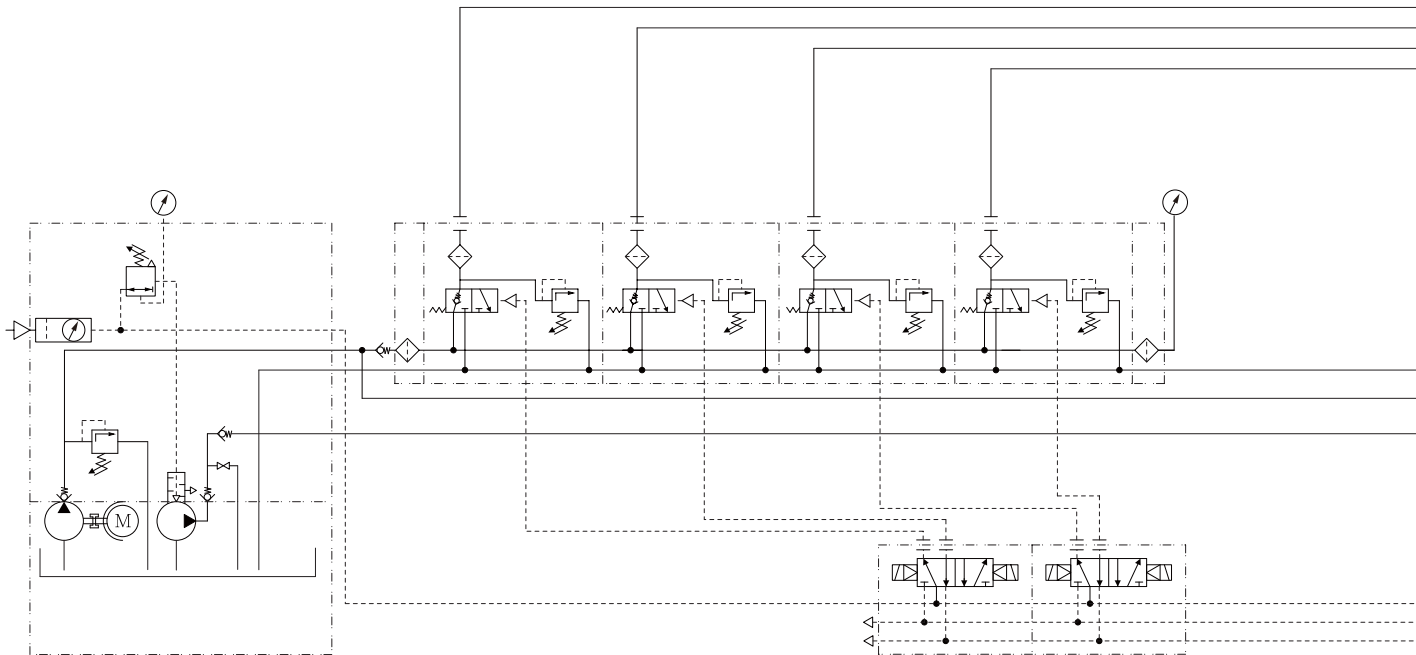
C. Motor

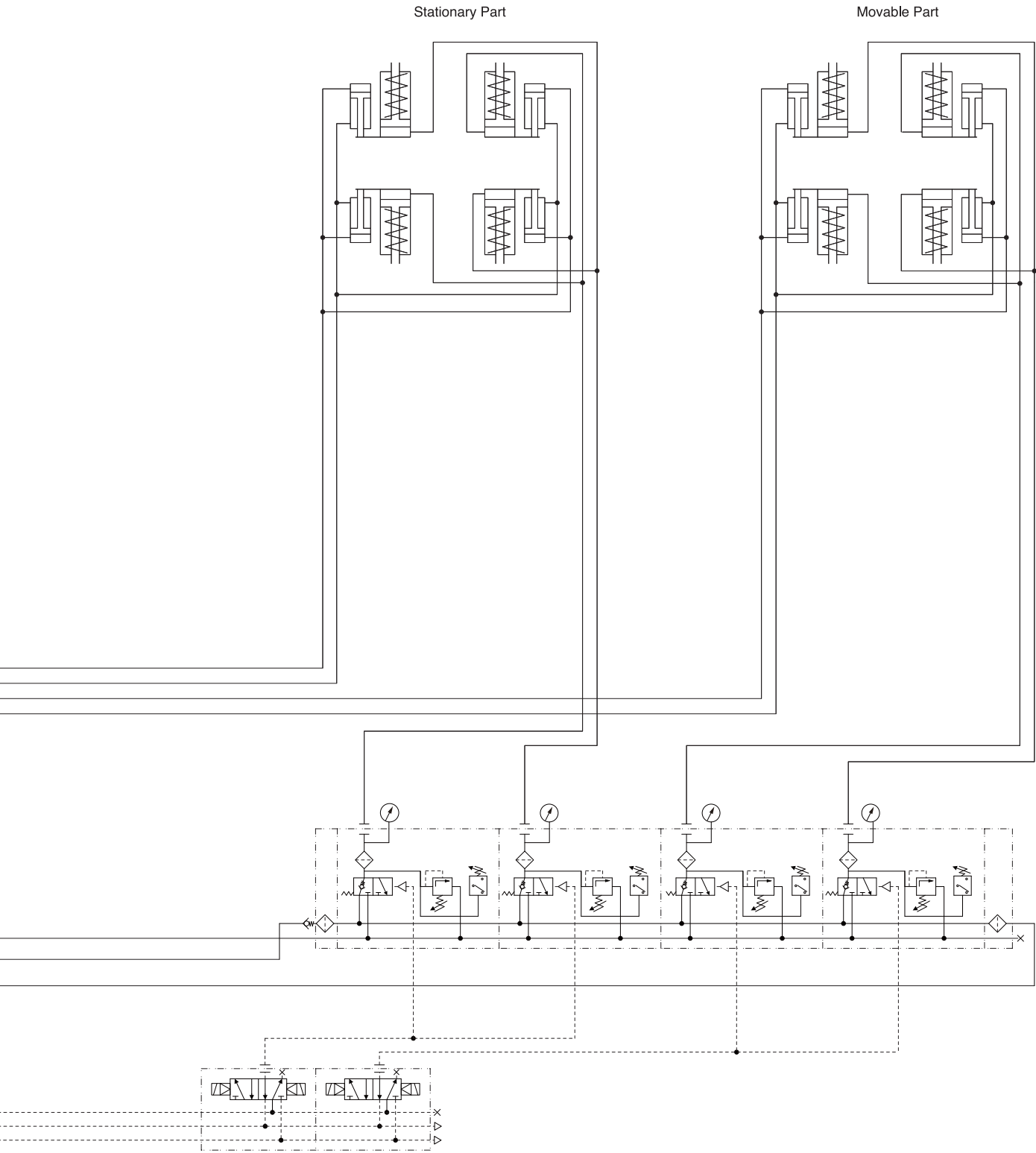
- Nominal rating : 1.5kw
- Voltage : 220/380 V
- Power system : 3-phase AC 60 Hz

D. Reservoir

- Hydraulic oil : ISO-VG-68
- Max. charge : 35 (L)
- Usable oil volume : 30 (L)

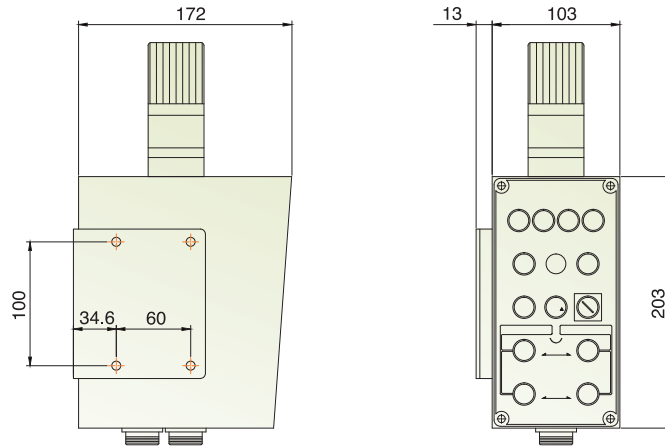
Hydraulic Circuit Diagram







Outline Dimensions

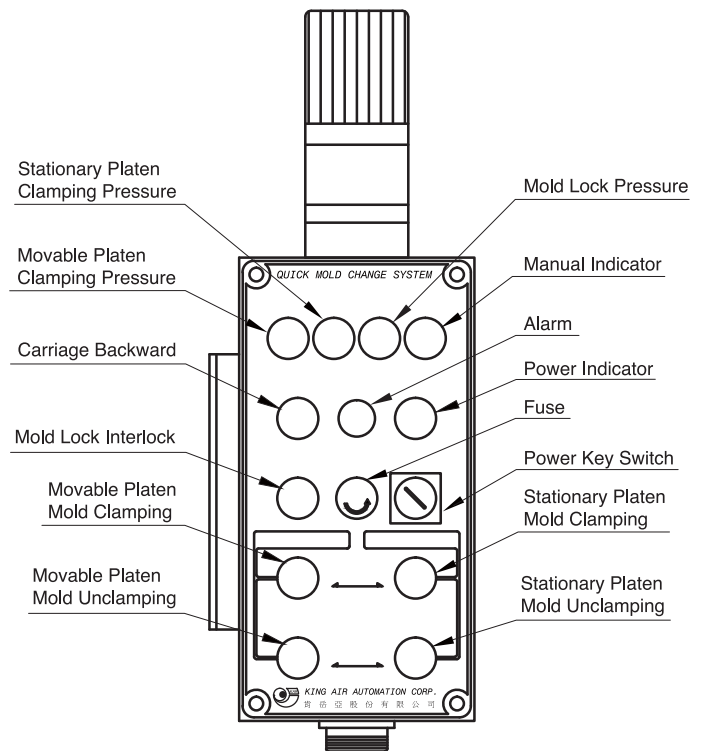


Description

The control panel is operated with safety and convenience to QMCS on press. It consists of the electric supply key switch to prevent accidents. The system pressure indicator shows the situation of the clamp. When the hydraulic pressure of power unit lower than the normal working pressure, it will command the injection molding machine to stop.

Specifications

Model No.	EC-08A
Supply Voltage	AC 100-240V 50/60 Hz
Power Switch	Start by Key ON - die change operation OFF - take the key away after the die is clamped





Supply us with following information for price quotation of your system:

A. I.M.M.

I.M.M.	Manufacturer	Model	Mold Clamping force (M. Ton)	Mold Opening force (M. Ton)	Q'ty	Remark
1						
2						
3						

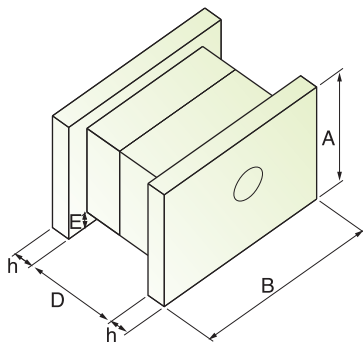
B. Type of Mold Change

Type of loading	<input type="checkbox"/> Vertical Loading	<input type="checkbox"/> Horizontal Loading
Mold platen T-slot	<input type="checkbox"/> to be T-slot	<input type="checkbox"/> Not to be T-slot
Mold clamp	<input type="checkbox"/> stationary(TS)	<input type="checkbox"/> Manual Feeding(TB) or <input type="checkbox"/> (TM)
	<input type="checkbox"/> Pneumatic Cylinder Feeding(TE) or <input type="checkbox"/> (TS-A)	<input type="checkbox"/> Hydraulic Cylinder Feeding(TS-H)
Hydraulic pressure sources	<input type="checkbox"/> from I.M.M.	<input type="checkbox"/> Separate Hydraulic Unit

- C. Power Supply Voltage** other _____ v
 220 VAC

D. Mold Dimensions

I.M.M.	A	B	D	E	h	Weight(kg)
1	MAX MIN	MAX MIN	MAX MIN	MIN	Same	
2						
3						





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KING AIR

