Guangdong Topstar Technology Co., Ltd.

ADD : No.2 Chuangxin Road, Datanglang, Dalingshan Town, Dongguan City, Guangdong Province.

TEL: 0086 769 8305 0999

FAX: 0086 769 8584 5562

Topstar Intelligent Equipment Headquarters Base

ADD: No. 39, Lianhuan Road, Lianping Village, Dalingshan Town, Dongguan City, Guangdong Province

East China R&D and Manufacturing Base

ADD: No.1999 Songjia Road, Guoxiang Street, Wuzhong Economic Development Zone, Suzhou City, Jiangsu Province

TEL: 0086-0512-5288 9310

MOB: 185 0156 0757

Topstar (Vietnam) Technology Co.,Ltd.

ADD: No. 48 Kinh Duong Vuong Street, Vu Ninh Ward, Bac Ninh City, Bac Ninh Province

TEL：0084-346-860 156

MOB: 186 0209 6307

Topstar Mexico Technology S.A DE C.V.

ADD: calle cantu numero 9, interior 103, colonia anzures, delegacion miguel hidalgo, Ciudad de Mexico, Mexico, cp 11590

TEL：0052-8121728864

haiwai@topstarltd.com

www.topstarmachine.com

TSDSC2025-B

TOPSTAR 拓斯达

TEII SERIES

INJECTION MOLDING MACHINE

All-new High-quality Electric Injection Molding Machine

TEII

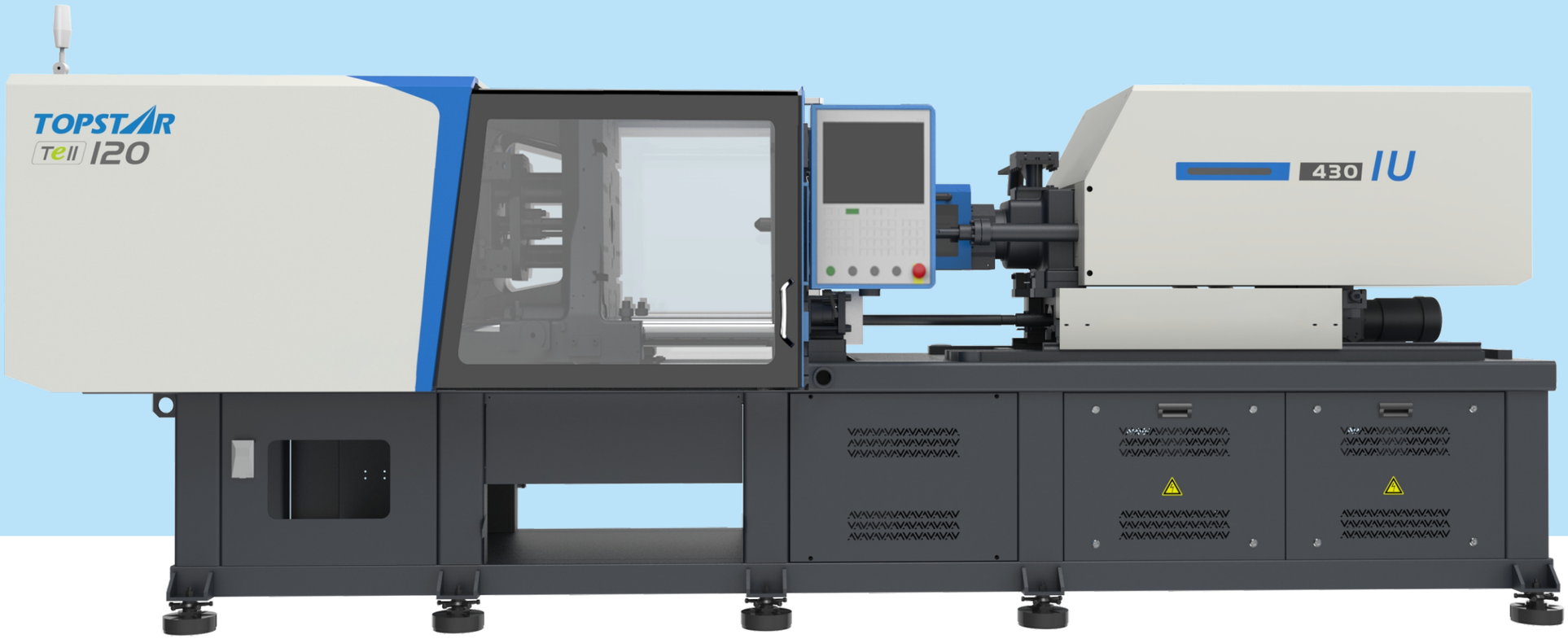
股票代码 Stock Code 300607

TH Series Products

High Precision · High cleanness · Short Cycle

Create carefully to ensure that every machine delivered to clients can be used with ease

- Clamping force 60T~460T
- B Screw diameter 22~80mm
- Injection speed options:
  low, medium or high,
  and the maximum is 500mm/s



Application Industries

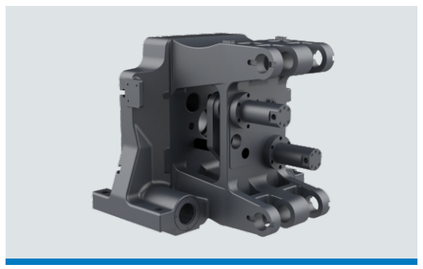
- Medical
- Home Appliance
- Containers
- 3C Electronics
- Toys
- Cosmetics
- Auto Parts
- Consumer Goods

Electrical and Hybrid Modules

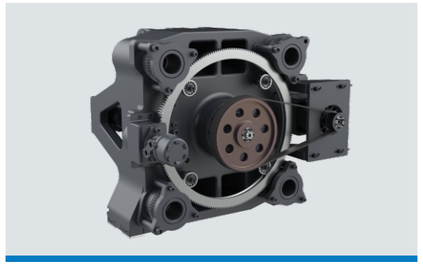
e-TEII All Electric & h-TEII Hybrid share the same platform

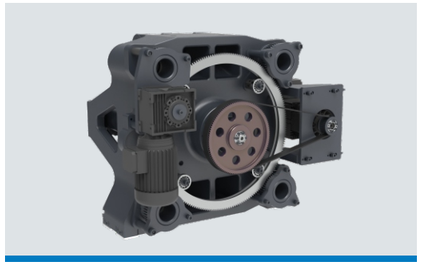
- e-TEII: Specialized for high clean application occasions;
- h-TEII: Specialized for all scenarios of the manufacturing and upgrading of hydraulic IMM;
- IU Injction Unit: Subdivision of injection characteristics by corresponding occasions:

  IU: Normal speed, long pressure holding, thick-wall products
  IU h: Medium speed, thin-wall products
  IU hs: High speed, ultra thin-wall products

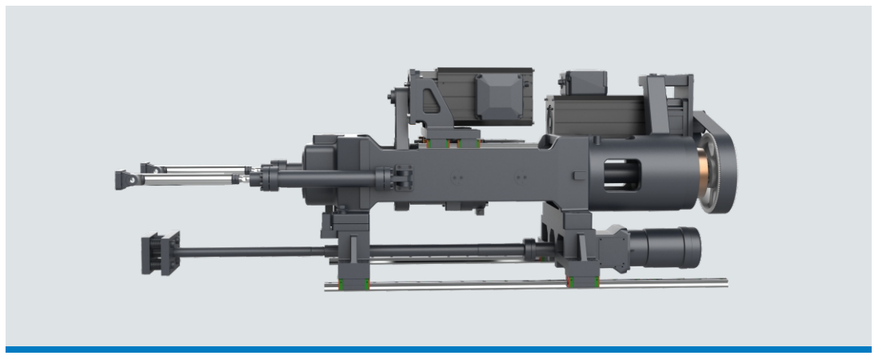


Hydraulic, electric ejection





Hydraulic, electric mold thickness adjustment



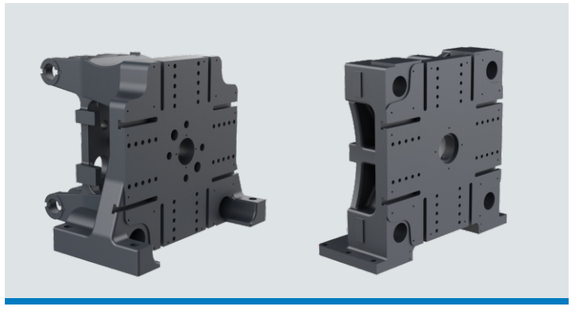
Hydraulic, electric carriage movement

Clamping Unit

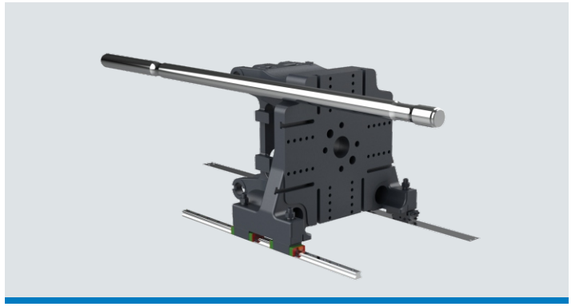
- Well-designed movement curve, smooth mold opening and closing;
- High rigidity platen, stable product quality and better protection of mould;
- Popular design of min.-max. mould thickness, meet the requirements of mould installation;
- Optional linear guide rail support for lighter movement.

High Stability Platen

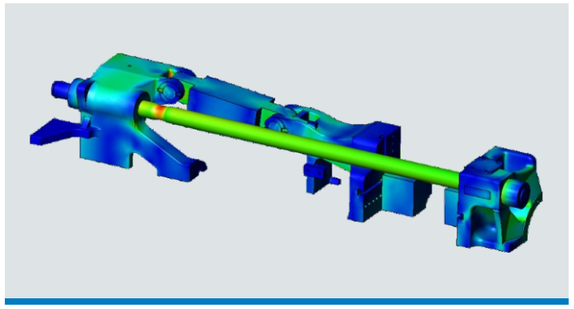
Wide support for platen and mould, stable dynamic support,stable mold opening and closing,better protection of mould and machine.



Non-contact tie bar, free from lubrication, reducing contaminant and tie bar strain.
Optional linear guide rail, low damping, more stable motion, more sensitive low pressure mould protection.



High rigidity platen, full stress analysis, appropriate strength design.



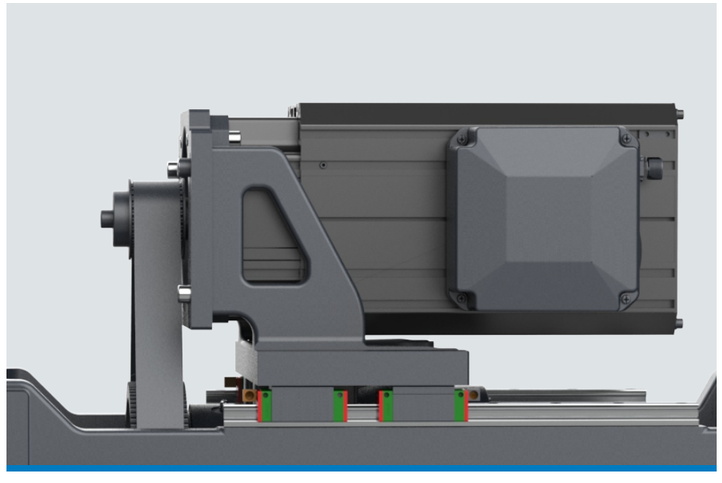
Injection Unit

- Modular design, applicable to various working conditions;
- High rigidity structure, stable product quality;
- Linear guide rail support, low speed control <1mm/s.

High Rigidity Structure

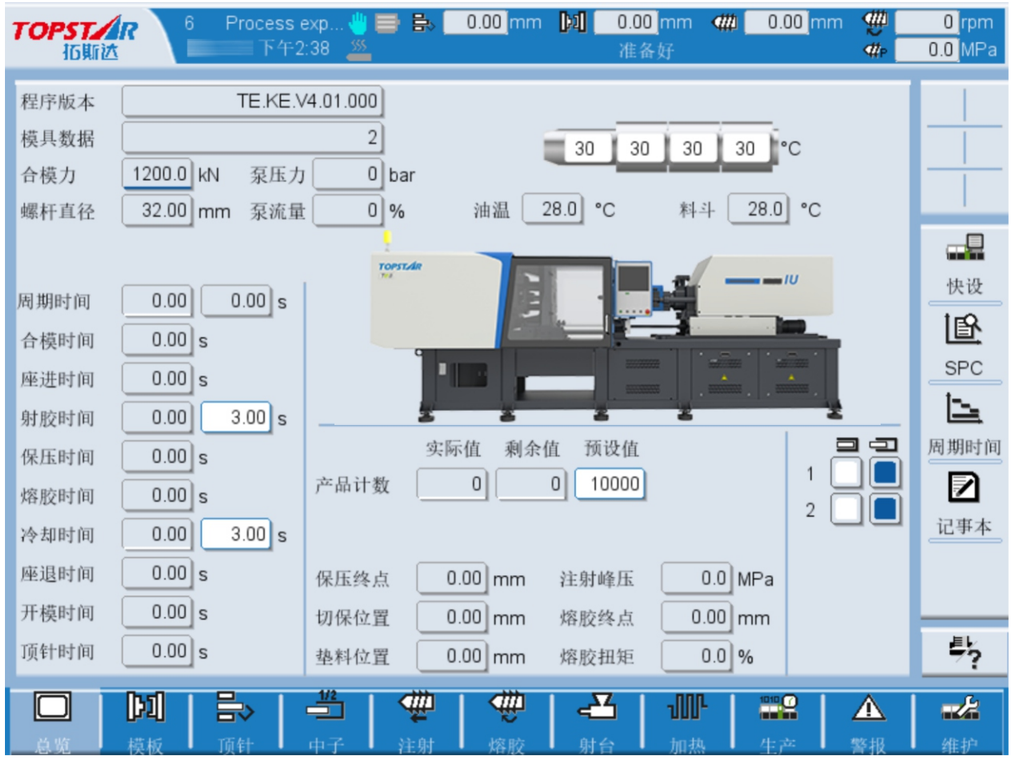
Integrated injection unit,high rigidity,stable structure,more precise control.

Linear guide rail,low damping,more sensitive pressure detection,more accurate pressure control.



Topstar User Interface

- Humanized design, more convenient operation;
- More concise functions and more reasonable layout.



TE90 Ⅱ

Product Parameters

Clamping Unit	Unit	TE90 Ⅱ
Clamping Force	kN	900
Mold Opening Stroke	mm	320
Mold Height	mm	150–410
Distance Between Tie Bars(W*H)	mm	420×420
Min. Mold Dimension(W*H)	mm	290×290
Ejector Force(Hydraulic | electric)	kN	24.5
Ejector Stroke	mm	80

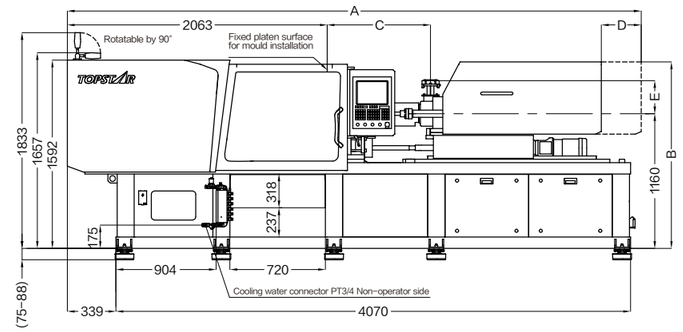
Injection unit	Unit	IU130 / IU130h / IU130hs			IU150 / IU150h / IU150hs				IU210 / IU210h / IU210hs			
		A	B	C	AA	A	B	C	AA	A	B	C
Screw Diameter	mm	22	26	30	22	26	28	30	26	28	32	36
Screw L/D Ratio	/	22	22	19.1	22	21	21	19.6	21	21	21	18.7
Injection Stroke	mm	95	110		95	110			115		125	
Shot Volume	cm³	36.1	58.4	77.7	36.1	58.4	67.7	77.7	61	70.8	100.5	127.2
Shot Weight	g,PS	33.2	53.7	71.4	33.2	53.7	62.2	71.4	56.1	65.1	92.4	117
Injection Pressure	MPa	305	220	165	280	255	220	191	300	261	200	158
Holding Pressure	MPa	244	176	132	224	204	176	153	240	209	160	126
Injection Speed STD	mm/s	200			200				200			
Injection Speed OP	mm/s	350			350				350			
Injection Speed OP2	mm/s	500			500				500			
Screw Speed	rpm	400			400				400			
Nozzle Contact Force	kN	26			26				26			
Heating Power	kW	6.34	6.99		6.6	7.42	8.56		8.43	9.17	10.79	
Machine Weight	t	4.8			4.8				4.9			

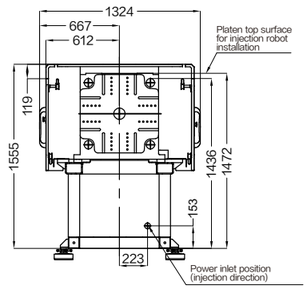
Others	Unit	TE90 Ⅱ
Pressure	MPa	16
Flow	L/min	50
Oil Tank	L	90
Hopper Capacity (OP)	L	50

The company reserves the right to modify the technical parameters without prior notice.

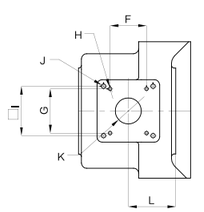
Overall Dimension

Unit : mm

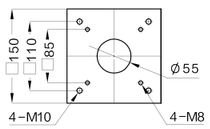




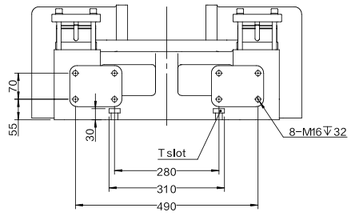
	A	B	C	D	E	F	G	H	I	J	K	L	M	N
IU130/IU130h/IU130hs	4386	1616	665	320	290	70	85	4xM8↧16	95	4xM10↧20	50	91	Ø2.3	SR10
IU150/IU150h/IU150hs	4440	1616	719	320	290	70	85	4xM8↧16	95	4xM10↧20	50	91	Ø2.3	SR10
IU210/IU210h/IU210hs	4792	1616	872	320	290	70	85	4xM8↧16	95	4xM10↧20	50	91	Ø2.3	SR10



Installation dimension of material inlet casting



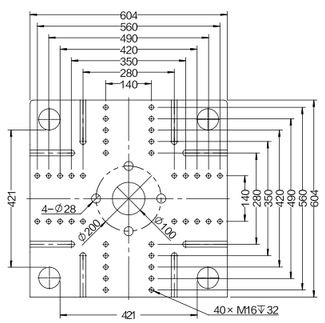
Installation dimension of hopper slider

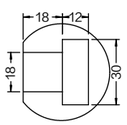


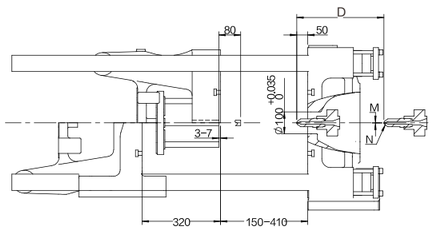
Robot installation dimension

Clamping Size

Unit : mm







TE120 Ⅱ

Product Parameters

Clamping Unit	Unit	TE120 Ⅱ
Clamping Force	kN	1200
Mold Opening Stroke	mm	360
Mold Height	mm	150–480
Distance Between Tie Bars(W*H)	mm	470×470
Min. Mold Dimension(W*H)	mm	330×330
Ejector Force(Hydraulic | electric)	kN	33
Ejector Stroke	mm	100

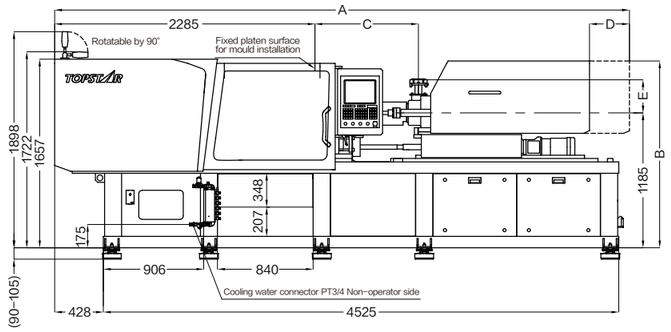
Injection unit		Unit	IU150/IU150h/IU150hs				IU210/IU210h/IU210hs				IU310/IU310h/IU310hs				IU430/IU430h/IU430hs			
			AA	A	B	C	AA	A	B	C	AA	A	B	C	AA	A	B	C
Screw Diameter		mm	22	26	28	30	26	28	32	36	30	32	36	40	32	36	40	45
Screw L/D Ratio		/	22	21	21	19.6	21	21	21	18.7	21	22.5	20	18.9	22	22.5	20.3	18.7
Injection Stroke		mm	95	110			115	125			150				150	170		
Shot Volume		cm³	36.1	58.4	67.7	77.7	61	70.8	100.5	127.2	106	120.6	152.6	188.4	120.6	173	213.6	270.3
Shot Weight		g,PS	33.2	53.7	62.2	71.4	56.1	65.1	92.4	117	97.5	110.9	140.3	173.3	110.9	159.1	196.5	248.6
Injection Pressure		MPa	280	255	220	191	300	261	200	158	288	253	200	162	312	247	200	158
Holding Pressure		MPa	224	204	176	153	240	209	160	126	230	202	160	130	250	197	160	126
Injection Speed	STD	mm/s	200				200				200				200			
	OP		350				350				300				300			
	OP2		500				500				400				400			
Screw Speed		rpm	400				400				400				400			
Nozzle Contact Force		kN	26				26				40				40			
Heating Power		kW	6.6	7.42	8.56		8.43	9.17	10.79		9.93	11.44	11.51		13.17	15.47		
Machine Weight		t	4.7				5.6				5.6				5.9			

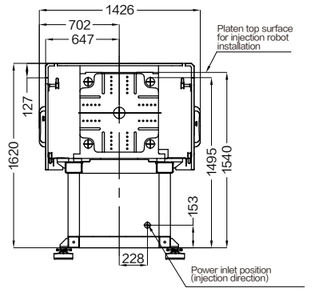
Others	Unit	TE120 Ⅱ
Pressure	MPa	16
Flow	L/min	50
Oil Tank	L	90
Hopper Capacity (OP)	L	50

The company reserves the right to modify the technical parameters without prior notice.

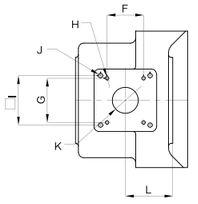
Overall Dimension

Unit : mm

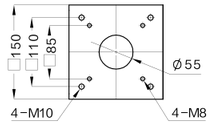




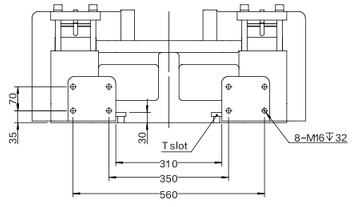
	A	B	C	D	E	F	G	H	I	J	K	L	M	N
IU150/IU150h/IU150hs	4691	1642	718	350	290	70	85	4xM8↧16	95	4xM10↧20	50	91	Ø2.3	SR10
IU210/IU210h/IU210hs	4990	1642	818	350	290	70	85	4xM8↧16	95	4xM10↧20	50	91	Ø2.3	SR10
IU310/IU310h/IU310hs	5046	1642	872	350	290	70	85	4xM8↧16	95	4xM10↧20	50	91	Ø2.3	SR10
IU430/IU430h/IU430hs	5254	1676	966	350	290	70	85	4xM8↧16	95	4xM10↧20	50	118	Ø3	SR10



Installation dimension of material inlet casting



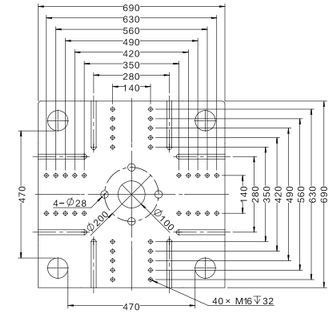
Installation dimension of hopper slider

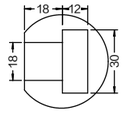


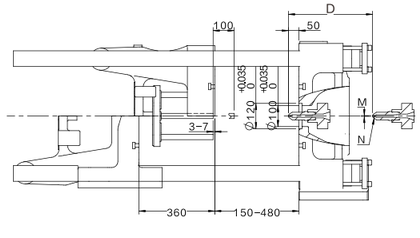
Robot installation dimension

Clamping Size

Unit : mm







TE160 Ⅱ

Product Parameters

Clamping Unit	Unit	TE160 Ⅱ
Clamping Force	kN	1600
Mold Opening Stroke	mm	430
Mold Height	mm	180–520
Distance Between Tie Bars(W*H)	mm	520×520
Min. Mold Dimension(W*H)	mm	350×350
Ejector Force(Hydraulic | electric)	kN	33
Ejector Stroke	mm	125

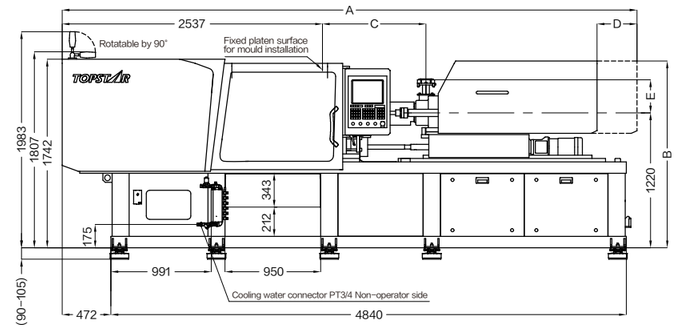
Injection unit		Unit	IU210/IU210h/IU210hs				IU310/IU310h/IU310hs				IU430/IU430h/IU430hs				IU640/IU640h/IU640hs			
			AA	A	B	C	AA	A	B	C	AA	A	B	C	AA	A	B	C
Screw Diameter		mm	26	28	32	36	30	32	36	40	32	36	40	45	36	40	45	50
Screw L/D Ratio		/	21	21	21	18.7	21	22.5	20	18.9	22	22.5	20.3	18.7	21	22.5	20	18
Injection Stroke		mm	115		125		150				150	170			170	200		
Shot Volume		cm³	61	70.8	100.5	127.2	106	120.6	152.6	188.4	120.6	173	213.6	270.3	173	251.3	318	392.6
Shot Weight		g,PS	56.1	65.1	92.4	117	97.5	110.9	140.3	173.3	110.9	159.1	196.5	248.6	159.1	231.1	292.5	361.1
Injection Pressure		MPa	300	261	200	158	288	253	200	162	312	247	200	158	312	253	200	162
Holding Pressure		MPa	240	209	160	126	230	202	160	130	250	197	160	126	250	202	160	130
Injection Speed	STD	mm/s	200				200				200				160			
	OP		350				300				300				250			
	OP2		500				400				400				350			
Screw Speed		rpm	400				400				400				350			
Nozzle Contact Force		kN	26				40				40				40			
Heating Power		kW	8.43	9.17	10.79		9.93	11.44	11.51		13.17	15.47			15.77	17.23	17.83	
Machine Weight		t	6.6				6.9				7.2				7.3			

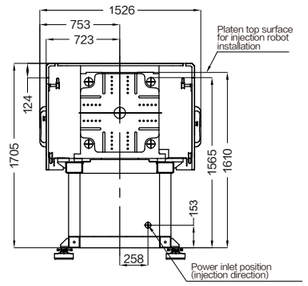
Others	Unit	TE160 Ⅱ
Pressure	MPa	16
Flow	L/min	50
Oil Tank	L	95
Hopper Capacity (OP)	L	50

The company reserves the right to modify the technical parameters without prior notice.

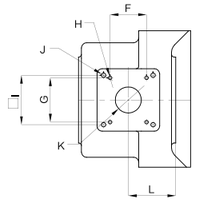
Overall Dimension

Unit : mm

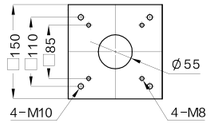




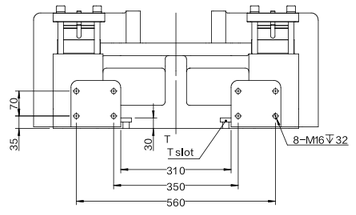
	A	B	C	D	E	F	G	H	I	J	K	L	M	N
IU210/IU210h/IU210hs	5263	1676	818	370	290	70	85	4xM8↧16	95	4xM10↧20	50	91	Ø2.3	SR10
IU310/IU310h/IU310hs	5368	1676	923	370	290	70	85	4xM8↧16	95	4xM10↧20	50	91	Ø2.3	SR10
IU430/IU430h/IU430hs	5527	1712	967	370	290	70	85	4xM8↧16	95	4xM10↧20	50	118	Ø3	SR10
IU640/IU640h/IU640hs	5910	1725	1086	370	315	70	85	4xM8↧16	95	4xM10↧20	55	143	Ø3	SR10



Installation dimension of material inlet casting



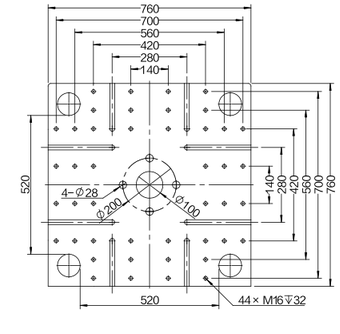
Installation dimension of hopper slider

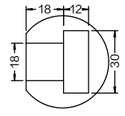


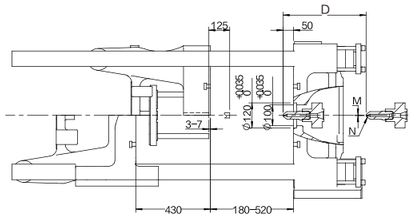
Robot installation dimension

Clamping Size

Unit : mm







TE200 Ⅱ

Product Parameters

Clamping Unit	Unit	TE200 Ⅱ
Clamping Force	kN	2000
Mold Opening Stroke	mm	470
Mold Height	mm	200–550
Distance Between Tie Bars(W*H)	mm	570×570
Min. Mold Dimension(W*H)	mm	380×380
Ejector Force(Hydraulic | electric)	kN	h55 / e44
Ejector Stroke	mm	150

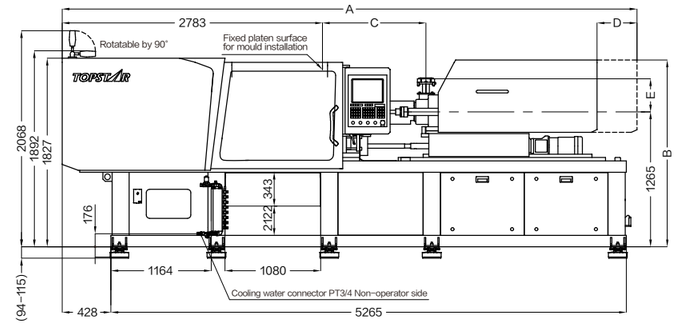
Injection unit		Unit	IU310 / IU310h / IU310hs				IU430 / IU430h / IU430hs				IU640 / IU640h / IU640hs				IU830 / IU830h / IU830hs			
			AA	A	B	C	AA	A	B	C	AA	A	B	C	AA	A	B	C
Screw Diameter		mm	30	32	36	40	32	36	40	45	36	40	45	50	40	45	50	55
Screw L/D Ratio		/	21	22.5	20	18.9	22	22.5	20.3	18.7	21	22.5	20	18	22	22.2	20	18.2
Injection Stroke		mm	150				150	170			170	200			200	210		
Shot Volume		cm³	106	120.6	152.6	188.4	120.6	173	213.6	270.3	173	251.3	318	392.6	251.3	333.9	412.3	498.9
Shot Weight		g,PS	97.5	110.9	140.3	173.3	110.9	159.1	196.5	248.6	159.1	231.1	292.5	361.1	231.1	307.1	379.3	458.9
Injection Pressure		MPa	288	253	200	162	312	247	200	158	312	253	200	162	312	247	200	165
Holding Pressure		MPa	230	202	160	130	250	197	160	126	250	202	160	130	250	197	160	132
Injection Speed	STD	mm/s	200				200				160				160			
	OP		300				300				250				250			
	OP2		400				400				350				350			
Screw Speed		rpm	400				400				350				320			
Nozzle Contact Force		kN	40				40				40				60			
Heating Power		kW	9.93	11.44	11.51		13.17	15.47			15.77	17.23	17.83		19.9	21.88	21.03	
Machine Weight		t	8.5				8.9				9.2				9.4			

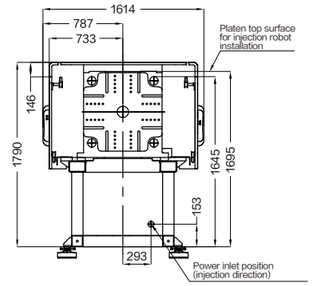
Others	Unit	TE200 Ⅱ
Pressure	MPa	17.5
Flow	L/min	64
Oil Tank	L	110
Hopper Capacity (OP)	L	50

The company reserves the right to modify the technical parameters without prior notice.

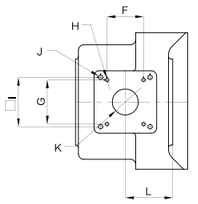
Overall Dimension

Unit : mm

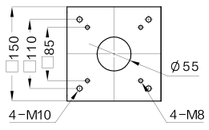




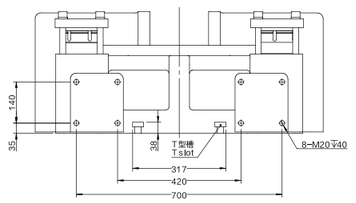
	A	B	C	D	E	F	G	H	I	J	K	L	M	N
IU310 / IU310h / IU310hs	5598	1720	873	405	290	70	85	4xM8↧16	95	4xM10↧20	50	91	Ø2.3	SR10
IU430 / IU430h / IU430hs	5811	1755	971	405	290	70	85	4xM8↧16	95	4xM10↧20	50	118	Ø3	SR10
IU640 / IU640h / IU640hs	6140	1770	1086	405	315	70	85	4xM8↧16	95	4xM10↧20	55	143	Ø3	SR10
IU830 / IU830h / IU830hs	6242	1770	1188	405	315	70	85	4xM8↧16	95	4xM10↧20	55	143	Ø3	SR10



Installation dimension of material inlet casting



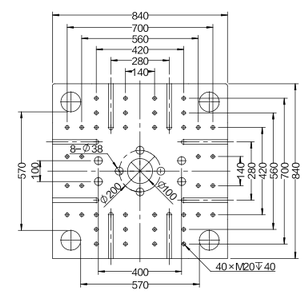
Installation dimension of hopper slider

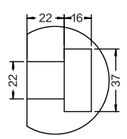


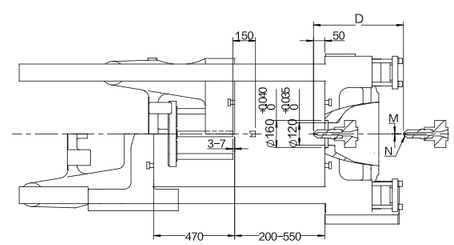
Robot installation dimension

Clamping Size

Unit : mm







TE240 Ⅱ

Product Parameters

Clamping Unit	Unit	TE240 Ⅱ
Clamping Force	kN	2400
Mold Opening Stroke	mm	550
Mold Height	mm	220–600
Distance Between Tie Bars(W*H)	mm	630×630
Min. Mold Dimension(W*H)	mm	420×420
Ejector Force(Hydraulic | electric)	kN	h55 / e49
Ejector Stroke	mm	160

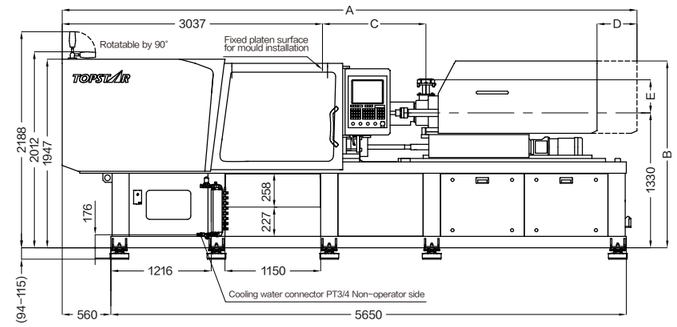
Injection unit	Unit	IU430 / IU430h / IU430hs				IU640 / IU640h / IU640hs				IU830 / IU830h / IU830hs				IU1030 / IU1030h / IU1030hs			
		AA	A	B	C	AA	A	B	C	AA	A	B	C	AA	A	B	C
Screw Diameter	mm	32	36	40	45	36	40	45	50	40	45	50	55	45	50	55	60
Screw L/D Ratio	/	22	22.5	20.3	18.7	21	22.5	20	18	22	22.2	20	18.2	22	22	20	18.3
Injection Stroke	mm	150	170			170	200			200	210			210	240		
Shot Volume	cm³	120.6	173	213.6	270.3	173	251.3	318	392.6	251.3	333.9	412.3	498.9	333.9	471.2	570.1	678.5
Shot Weight	g,PS	110.9	159.1	196.5	248.6	159.1	231.1	292.5	361.1	231.1	307.1	379.4	458.9	307.1	433.5	524.4	624.2
Injection Pressure	MPa	312	247	200	158	312	253	200	162	312	247	200	165	260	218	180	151
Holding Pressure	MPa	250	197	160	126	250	202	160	130	250	197	160	132	234	196	162	136
Injection Speed STD	mm/s	200				160				160				160			
Injection Speed OP	mm/s	300				250				250				250			
Injection Speed OP2	mm/s	400				350				350				350			
Screw Speed	rpm	400				350				320				320			
Nozzle Contact Force	kN	40				40				60				60			
Heating Power	kW	13.17	15.47			15.77	17.23	17.83		19.9	21.88	21.03		24.74	25.87		
Machine Weight	t	10.6				10.8				10.9				12			

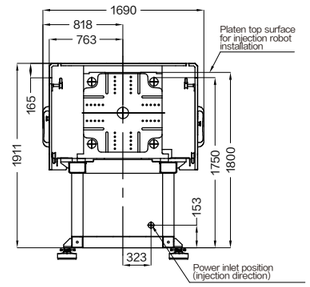
Others	Unit	TE240 Ⅱ
Pressure	MPa	17.5
Flow	L/min	64
Oil Tank	L	110
Hopper Capacity (OP)	L	50

The company reserves the right to modify the technical parameters without prior notice.

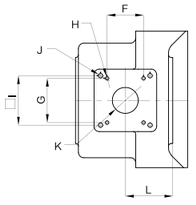
Overall Dimension

Unit : mm

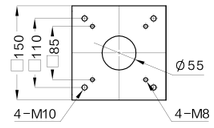




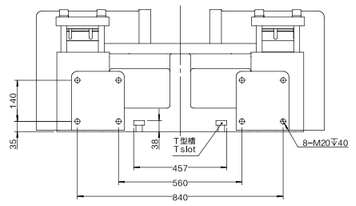
	A	B	C	D	E	F	G	H	I	J	K	L	M	N
IU430/IU430h/IU430hs	6082	1820	967	425	290	70	85	4xM8↧16	95	4xM10↧20	50	118	Ø3	SR10
IU640/IU640h/IU640hs	6415	1835	1086	425	315	70	85	4xM8↧16	95	4xM10↧20	55	143	Ø3	SR10
IU830/IU830h/IU830hs	6517	1835	1188	425	315	70	85	4xM8↧16	95	4xM10↧20	55	143	Ø3	SR10
IU1030/IU1030h/IU1030hs	6793	1845	1293	425	325	70	85	4xM8↧16	95	4xM10↧20	60	174	Ø3	SR10



Installation dimension of material inlet casting



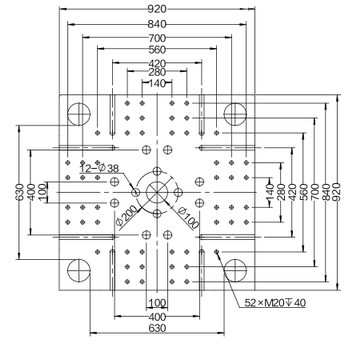
Installation dimension of hopper slider

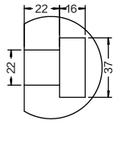


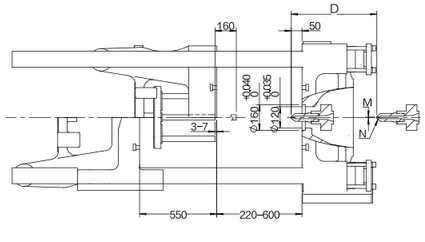
Robot installation dimension

Clamping Size

Unit : mm







TE300 Ⅱ

Product Parameters

Clamping Unit	Unit	TE300 Ⅱ
Clamping Force	kN	3000
Mold Opening Stroke	mm	600
Mold Height	mm	280–650
Distance Between Tie Bars(W*H)	mm	730×730
Min. Mold Dimension(W*H)	mm	480×480
Ejector Force(Hydraulic | electric)	kN	h55 / e58.8
Ejector Stroke	mm	160

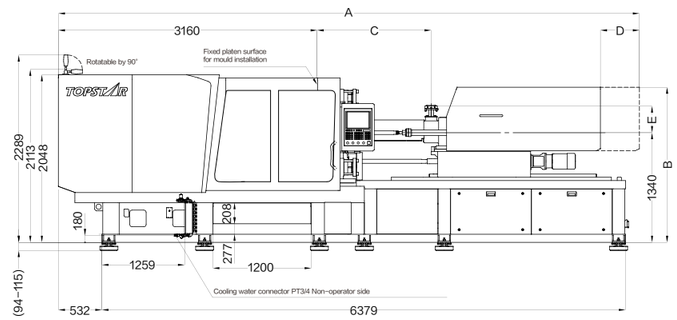
Injection unit	Unit	IU830 / IU830h / IU830hs				IU1030 / IU1030h / IU1030hs				IU1330 / IU1330h / IU1330hs				IU1680 / IU1680h / IU1680hs			
		AA	A	B	C	AA	A	B	C	AA	A	B	C	AA	A	B	C
Screw Diameter	mm	40	45	50	55	45	50	55	60	50	55	60	65	55	60	65	70
Screw L/D Ratio	/	22	22.2	20	18.2	22	22	20	18.3	22	21.8	20	18.5	22	21.7	20	18.6
Injection Stroke	mm	200	210			210	240			240	260			260	280		
Shot Volume	cm³	251.3	333.9	412.3	498.9	333.9	471.2	570.1	678.5	471.2	617.7	735.1	862.7	617.7	791.6	929.1	1077.5
Shot Weight	g,PS	231.1	307.1	379.3	458.9	307.1	433.5	524.4	624.2	433.5	568.2	676.2	793.6	568.2	728.2	854.7	991.3
Injection Pressure	MPa	312	247	200	165	260	218	180	151	255	214	180	153	250	211	180	155
Holding Pressure	MPa	250	197	160	132	234	196	162	136	230	192	162	137	225	190	162	140
Injection Speed STD	mm/s	160				160				160				160			
Injection Speed OP	mm/s	250				250				250				250			
Injection Speed OP2	mm/s	350				350				350				350			
Screw Speed	rpm	320				320				300				250			
Nozzle Contact Force	kN	60				60				60				60			
Heating Power	kW	19.9	21.88	21.03		24.74	25.87			25.74	30			30	34.1		
Machine Weight	t	13.3				14.8				14.9				15.1			

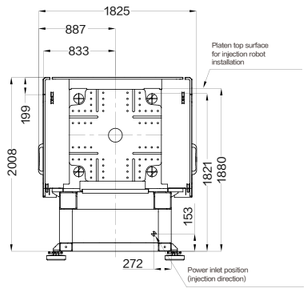
Others	Unit	TE300 Ⅱ
Pressure	MPa	17.5
Flow	L/min	64
Oil Tank	L	130
Hopper Capacity (OP)	L	50

The company reserves the right to modify the technical parameters without prior notice.

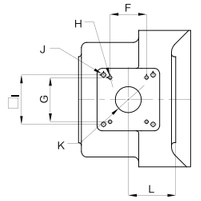
Overall Dimension

Unit : mm

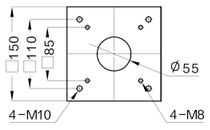




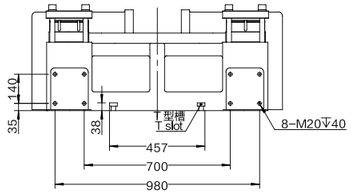
	A	B	C	D	E	F	G	H	I	J	K	L	M	N
IU830/IU830h/IU830hs	6688	1846	1190	475	316	70	85	4xM8↧16	95	4xM10↧20	55	118	Ø3	SR10
IU1030/IU1030h/IU1030hs	6964	1856	1295	475	326	70	85	4xM8↧16	95	4xM10↧20	60	174	Ø3	SR10
IU1330/IU1330h/IU1330hs	7095	1896	1395	475	326	85	85	4xM8↧16	115	4xM10↧20	68	179	Ø3.5	SR10
IU1680/IU1680h/IU1680hs	7430	1962	1509	475	398	95	95	4xM8↧16	115	4xM10↧20	80	190	Ø3.5	SR10



Installation dimension of material inlet casting



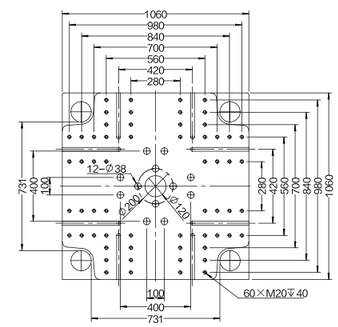
Installation dimension of hopper slider

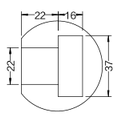


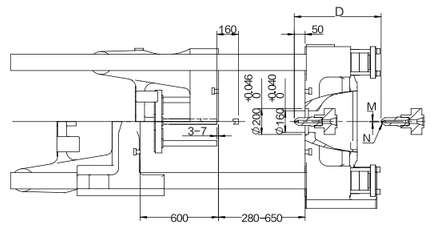
Robot installation dimension

Clamping Size

Unit : mm







TE360 Ⅱ

Product Parameters

Clamping Unit	Unit	TE360 Ⅱ
Clamping Force	kN	3600
Mold Opening Stroke	mm	730
Mold Height	mm	320–710
Distance Between Tie Bars(W*H)	mm	820×820
Min. Mold Dimension(W*H)	mm	550×550
Ejector Force(Hydraulic | electric)	kN	h98 / e58.8
Ejector Stroke	mm	200

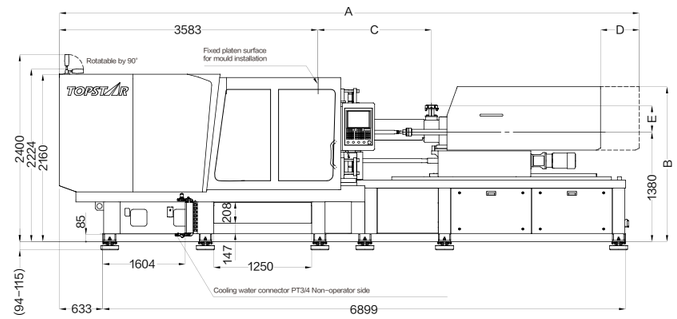
Injection unit	Unit	IU1030/IU1030h/IU1030hs				IU1330/IU1330h/IU1330hs				IU1680/IU1680h/IU1680hs				IU2220		
		AA	A	B	C	AA	A	B	C	AA	A	B	C	A	B	C
Screw Diameter	mm	45	50	55	60	50	55	60	65	55	60	65	70	65	70	75
Screw L/D Ratio	/	22	22	20	18.3	22	21.8	20	18.5	22	21.7	20	18.6	22	20	20
Injection Stroke	mm	210	240			240	260			260	280			320		
Shot Volume	cm³	333.9	471.2	570.1	678.5	471.2	617.7	735.1	862.7	617.7	791.6	929.1	1077.5	1061.8	1231.5	1413.7
Shot Weight	g,PS	307.1	433.5	524.4	624.2	433.5	568.2	676.2	793.6	568.2	728.2	854.7	991.3	976.8	1132.9	1300.6
Injection Pressure	MPa	260	218	180	151	255	214	180	153	250	211	180	155	209	180	156
Holding Pressure	MPa	234	196	162	136	230	192	162	137	225	190	162	140	188	162	140
Injection Speed STD	mm/s	160				160				160				160		
Injection Speed OP	mm/s	250				250				250				/		
Injection Speed OP2	mm/s	350				350				350				/		
Screw Speed	rpm	320				300				250				210		
Nozzle Contact Force	kN	60				60				60				85		
Heating Power	kW	24.74	25.87			25.74	30			30	34.1			37.8		
Machine Weight	t	16.6				17.9				18.9				22		

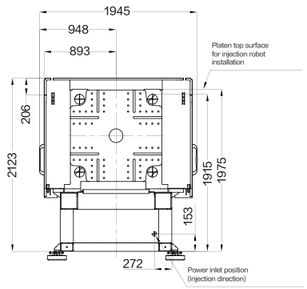
Others	Unit	TE360 Ⅱ
Pressure	MPa	17.5
Flow	L/min	126
Oil Tank	L	184
Hopper Capacity (OP)	L	50

The company reserves the right to modify the technical parameters without prior notice.

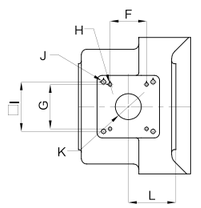
Overall Dimension

Unit : mm

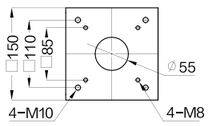




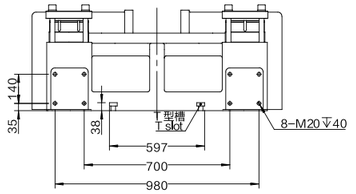
	A	B	C	D	E	F	G	H	I	J	K	L	M	N
IU1030/IU1030h/IU1030hs	7431	1896	1293	518	326	70	85	4xM8↧16	95	4xM10↧20	60	174	Ø3	SR10
IU1330/IU1330h/IU1330hs	7558	1936	1390	518	326	85	85	4xM8↧16	115	4xM10↧20	68	179	Ø3.5	SR10
IU1680/IU1680h/IU1680hs	7897	2002	1506	518	398	95	95	4xM8↧16	115	4xM10↧20	80	190	Ø3.5	SR10
IU2220	8084	2185	1647	518	301	85	85	4xM8↧16	115	4xM10↧20	80	/	Ø3.5	SR10



Installation dimension of material inlet casting



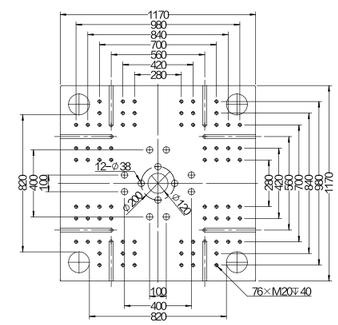
Installation dimension of hopper slider

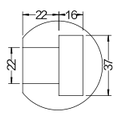


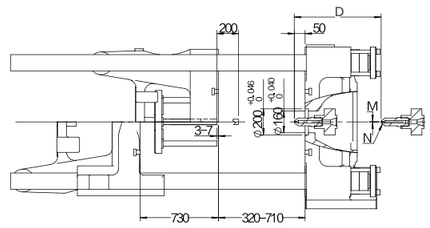
Robot installation dimension

Clamping Size

Unit : mm







TE460 Ⅱ

Product Parameters

Clamping Unit	Unit	TE460 Ⅱ
Clamping Force	kN	4600
Mold Opening Stroke	mm	790
Mold Height	mm	330–810
Distance Between Tie Bars(W*H)	mm	910×910
Min. Mold Dimension(W*H)	mm	590×590
Ejector Force(Hydraulic | electric)	kN	h98 / e98
Ejector Stroke	mm	200

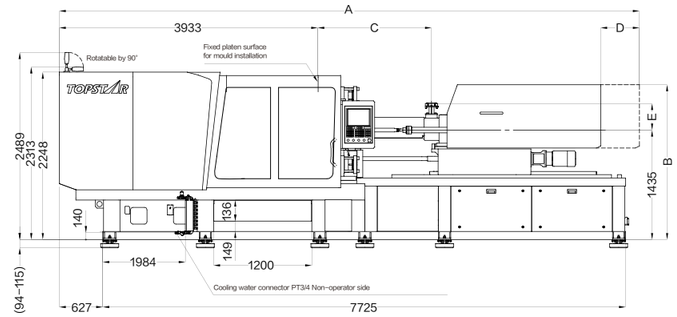
Injection unit		Unit	IU1330/IU1330h/IU1330hs				IU1680/IU1680h/IU1680hs				IU2220			IU3260		
			AA	A	B	C	AA	A	B	C	A	B	C	A	B	C
Screw Diameter		mm	50	55	60	65	55	60	65	70	65	70	75	75	80	85
Screw L/D Ratio		/	22	21.8	20	18.5	22	21.7	20	18.6	22	20	20	21.8	20	20
Injection Stroke		mm	240	260			260	280			320			360		
Shot Volume		cm³	471.2	617.7	735.1	862.7	617.7	791.6	929.1	1077.5	1061.8	1231.5	1413.7	1590.4	1809.5	2042.8
Shot Weight		g,PS	433.5	568.2	676.2	793.6	568.2	728.2	854.7	991.3	976.8	1132.9	1300.6	1463.1	1664.7	1879.3
Injection Pressure		MPa	255	214	180	153	250	211	180	155	209	180	156	205	180	159
Holding Pressure		MPa	230	192	162	137	225	190	162	140	188	162	140	185	162	143
Injection Speed	STD	mm/s	160				160				160			160		
	OP		250				250				/			/		
	OP2		350				350				/			/		
Screw Speed		rpm	300				250				210			185		
Nozzle Contact Force		kN	60				60				85			85		
Heating Power		kW	25.74	30			30	34.1			37.8			51.85		
Machine Weight		t	26.9				27.2				27.8			28.9		

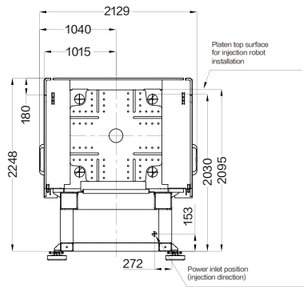
Others	Unit	TE460 Ⅱ
Pressure	MPa	17.5
Flow	L/min	126
Oil Tank	L	184
Hopper Capacity (OP)	L	50

The company reserves the right to modify the technical parameters without prior notice.

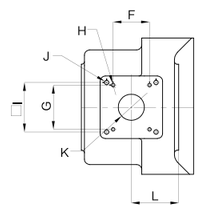
Overall Dimension

Unit : mm

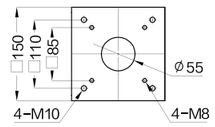




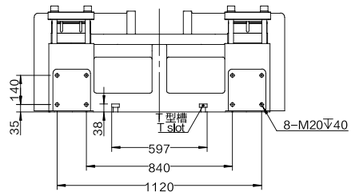
	A	B	C	D	E	F	G	H	I	J	K	L	M	N
IU1330/IU1330h/IU1330hs	7953	1990	1390	565	326	85	85	4xM8↧16	115	4xM10↧20	68	179	Ø3.5	SR10
IU1680/IU1680h/IU1680hs	8293	2057	1507	565	398	95	95	4xM8↧16	115	4xM10↧20	80	190	Ø3.5	SR10
IU2220	8479	2205	1647	565	301	85	85	4xM8↧16	115	4xM10↧20	80	/	Ø3.5	SR10
IU3260	8891	2305	1882	565	311	85	85	4xM8↧16	115	4xM10↧20	80	/	Ø3.5	SR10



Installation dimension of material inlet casting



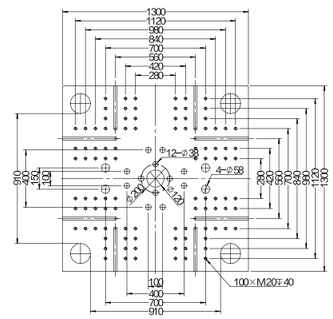
Installation dimension of hopper slider

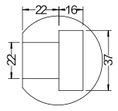


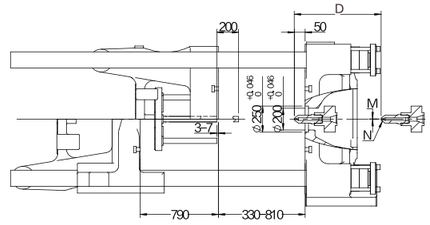
Robot installation dimension

Clamping Size

Unit : mm







Configuration Table of Standard Series

Control&Functions	
12 inch touch screen	●
2 USB interface	●
Printer interface	●
500 mold datas	●
200 times of actual molding data PDP display (can be recorded to USB)	●
Multi-languages	●
SI unit switching (metric, imperial)	●
Alarming history	●
Operation history	●
I/O switching function	●
Injection compression function	●
Molding cycle monitoring function	●
Production management function	●
SPC Quality monitoring function	●
Mold clamp/open, ejector curve function	●
Real-time display function of injection molding speed and pressure curve	●
Emergency stop	●
Alarm buzzer	●
Tri-color warning light (red, yellow, green)	●
Robot interface	●
Power outlet (3PH/380V, 32A×2, 16A×1, 1PH/220V,10A×1)	●
Centralized lubricate system	●

Other	
Topstar TE standard color	●
Safety standard apply to GB/22530-2010	●
Power supply:AC380V,3PH+N+PE	●
Adjustable level pad	●
Hooper slider	●
Tool box, regular spare parts	●
Operation manual	●
Hopper 50L/100L	○

Remark:Standard "● Optional "○"

Note:
1.The standard models of TE II series are equipped with hydraulic carriage moving, hydraulic ejector, hydraulic mold adjustment, 1 set of core-pulling device, and moving plate with hard rail sliding foot;
2.Electric ejector,mold adjust,carriage moving and linear guider for moving platen can be optional.
3.The TE II series can be configured to be an all-electric type with options. At this time, the hydraulic part (no hydraulic core-pulling valve group) will no longer be configured, and the moving plate with linear guider will be automatically configured.

Clamping Unit	
Five-point inversion toggle mechanism	●
Automatic mold adjustment function	●
5 stages mold opening and clamping speed control	●
Low pressure mold protection function	●
High pressure clamping force relief function	●
T slot platen+clamping holes	●
Locating ring	●
EUROMAP 18 manipulator installation threaded hole	●
Hydraulic mold height adjustment	●
Electric mold height adjustment(Optional)	○
Hydraulic ejector	●
Electric ejector (Optional)	○
Hard rail slider for moving platen	●
Linear guider for moving platen(Optional)	○
3 stages ejector speed, pressure control	●
Forced ejector structure	●
Multi ejection function	●
Ejector parallel function	●
In-mold ejection function	●
Confirmation signal for ejector back	●
Needle valve/gate function (four zones, without valve)	●
Core/unscrew function (2 zones,without valve)	●
Air blowing function (4 zones,without valve)	●

Plasticizing/injection Unit	
Open type nozzle	●
5 stages injection control (pressure, speed, position)	●
5 stages pressure holding control (pressure, speed, time)	●
5 stages plasticizing control (back pressure, speed, position)	●
Release control before and after plasticizing	●
Automatic purging function	●
Variety of pressure-holding switching	●
Molding temperature PID control	●
Warm keeping function	●
Synchronized heating function	●
Heating reservation function	●
Resin retention prevention function	●
Screw cold start prevention function	●
Hydraulic carriage moving	●
Electric carriage moving(For full electric machine only)	○
Nozzle contact force setting	●
Nozzle center adjustment device	●
Rotating Carriage	○

Remark:Standard "● Optional "○"

After-Sale Service

Fast Response

Quickly respond to customer needs, collect customer site information and record the failure, give reasonable maintenance Suggestions;

Fast Arrival

Quickly arrive at customer site for equipment maintenance;

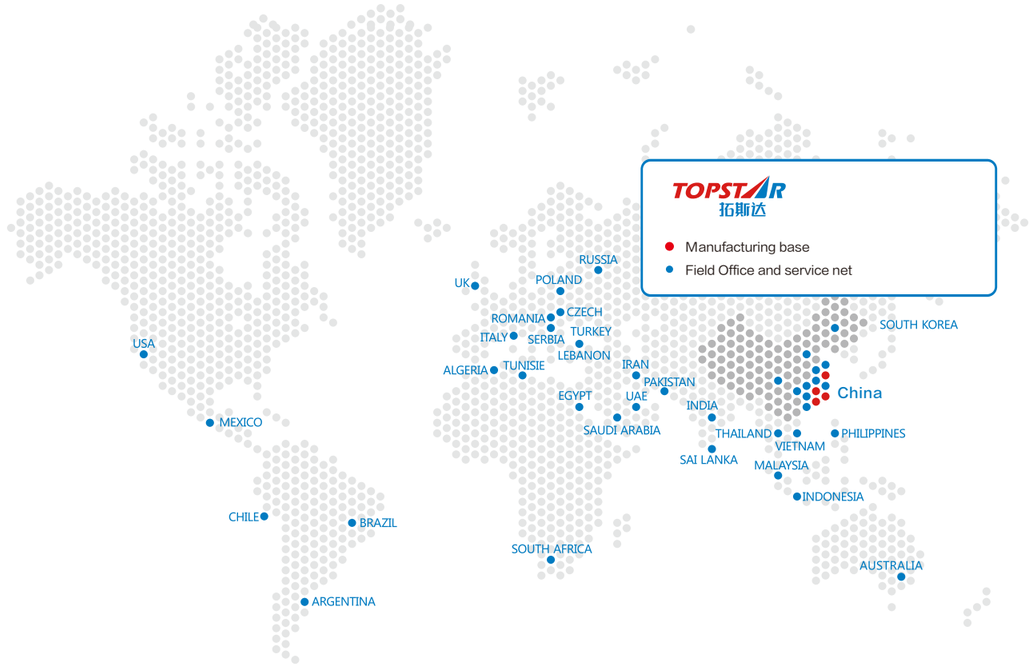
Fast Processing

Quickly processing to help customers adjust the equipment to the best state in the first time;

Fast Acceptance

Quickly complete the service project acceptance.

Global Service Net



Sincerely Appreciate

Over 15000 customer have witnessed TOPSTAR growth and long supports