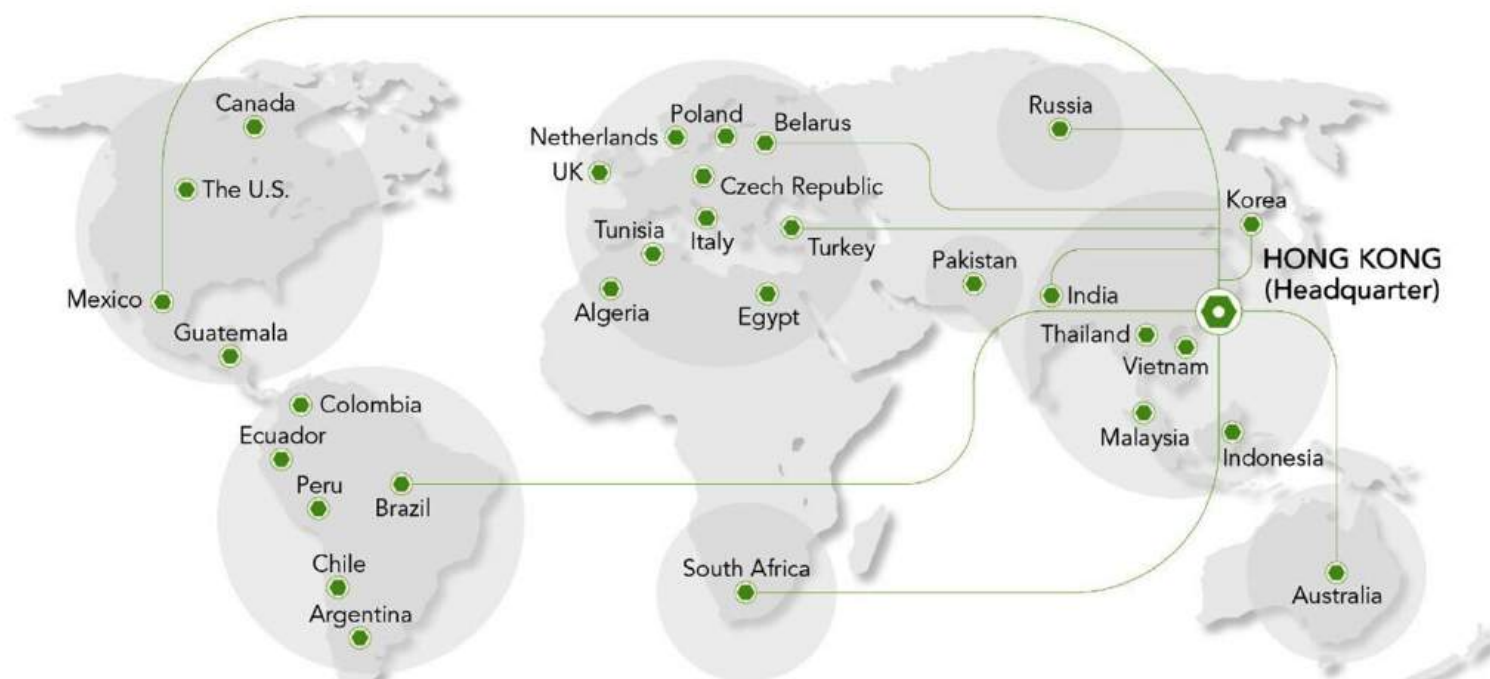




D series

Electric Machine (90-1400Ton)

**Injection moulding machine
Precision and Productivity**



Welltec Machinery Ltd

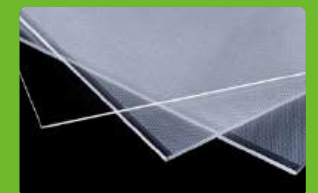


www.welltec.com.hk

The Electric machine to showcase precision, performance and energy efficiency

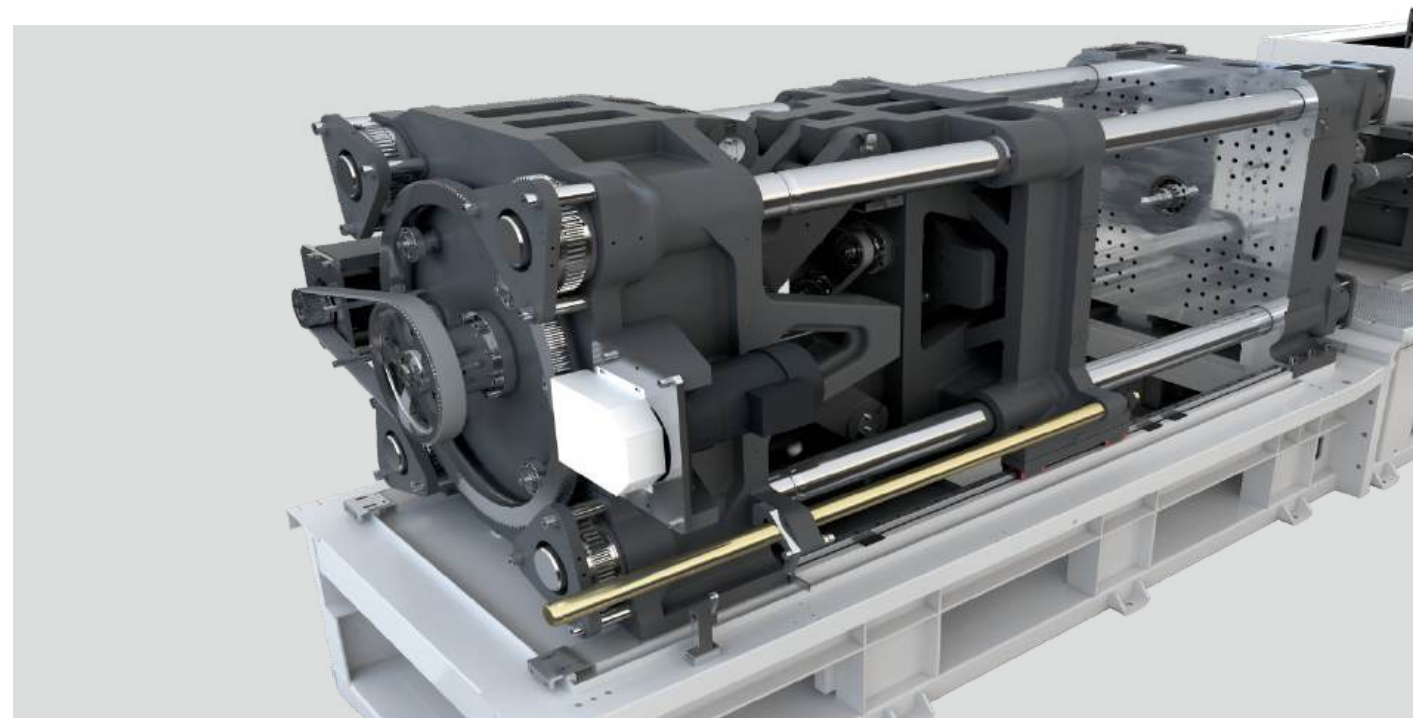


- Facing the challenge of high energy cost, every manufacturer is trying to lower the costs. The efficient all-electric machine will be a solution that works perfectly to meet your production needs.
- Our new generation of electric machine is dynamic and resourceful to allow broad applications ranging from industry-specific parts, thin-walled parts, optical articles to sophisticated medical components.
- With sophisticated drive and screw technology, we enable a highly accurate and stable movement even under high pressure and speed.



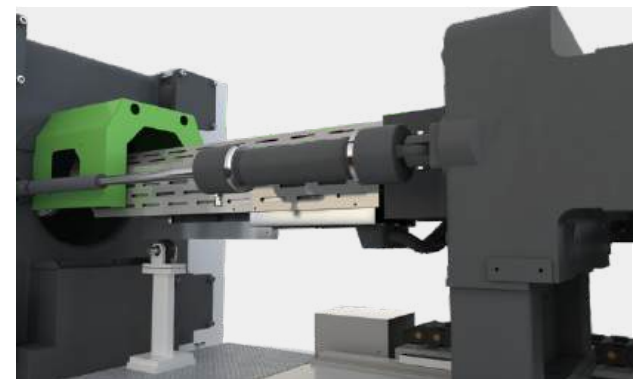
LOWER CONSUMPTION BETTER PERFORMANCE

- Self-locking 5 points toggle clamping structure, remarkably high rigidity clamping unit.
- Ball screw driven by servo motor to achieve smooth and accurate clamping movements.
- State-of-art motor drive control system to ensure repeatability of ± 0.01 mm.
- Key components supplied by internationally well-known brands to achieve high machine stability.
- Save energy and lower your CO2 footprint.



Hydraulic carriage and ejectors

< Optional for D series. Standard for HD series >



Optional item: dual hydraulic carriage for ultra-shot needs



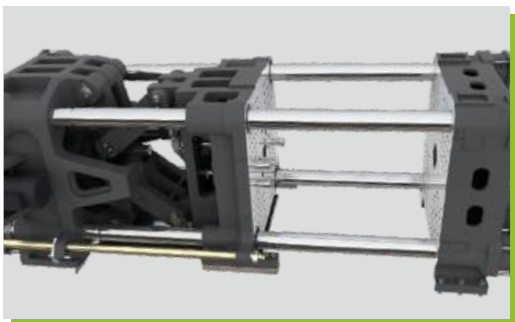
Optional item: Hydraulic ejector for special needs of core pulls / unscrew device

CLAMPING UNIT



Extra wide opening stroke

Distance between ties bars allows a range of different molds



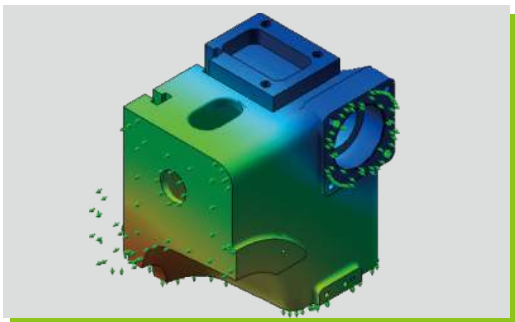
Self - locking 5 points toggle clamping structure

It enables a minimal deformation that fits perfectly with extreme precision molds



Mold adjustment by gear

It facilitates high precision to better protect the molds and enhance production efficiency

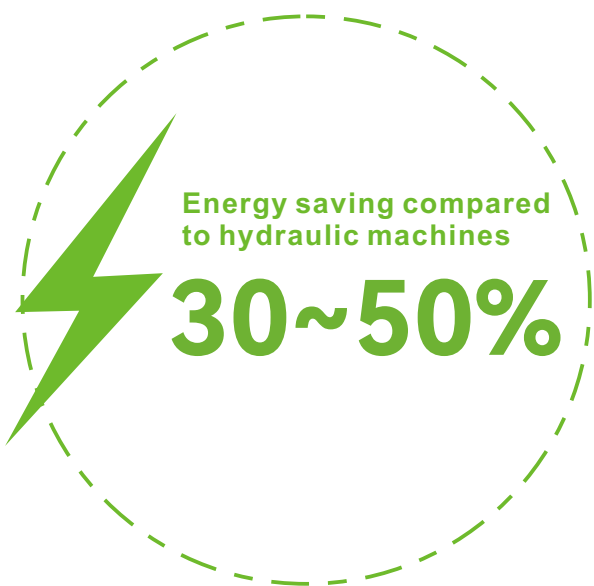


High rigidity clamping structure



High performance linear guide rail used in moving platen

A strong loading capacity, extra parallelism and accurate positioning of the moving platen are achieved



INJECTION UNIT

Features

- **High performance servo driver and ball screw**
Repeatability of ± 0.01 mm is reached
Parts weight repeatability deviation $\leq 1\%$ (1/1000)
- **State-of-art modular design**
Flexible combination of large clamping units and injection units available
A perfect choice for parts of larger mold sizes but with less cavities
- **Robust injection unit**
Deformation of ≤ 0.05 mm even under highest pressure
Real time monitoring of pressure to ensure a highest precision even for extremely sophisticated injection



A range of professional screws available

Cater for a wide range of plastic resins and maintain a high durability



Ball screw supplied by internationally well-known brands

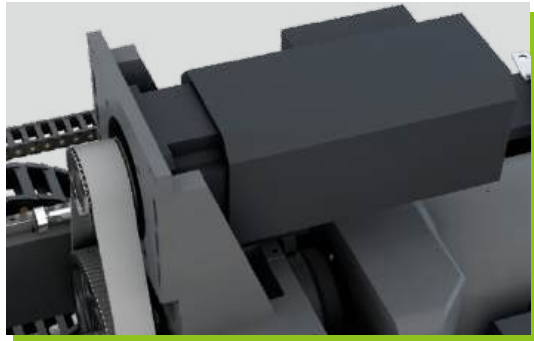
High rigidity, accuracy and durability are attained and therefore a highest level of injection precision is ensured



Robust injection unit



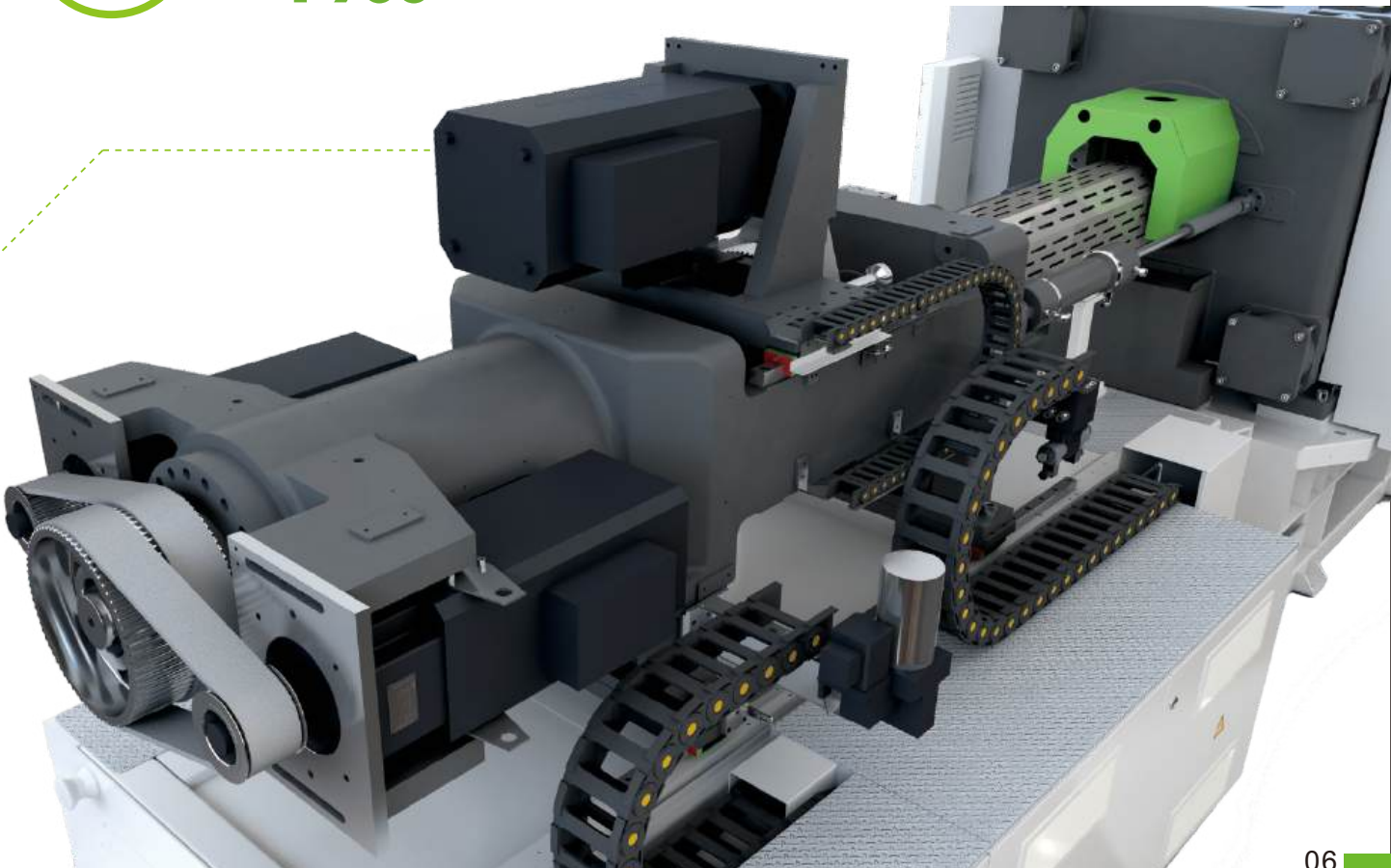
Double layer designs of injection unit to enable flexible injection
(450-1400HD)



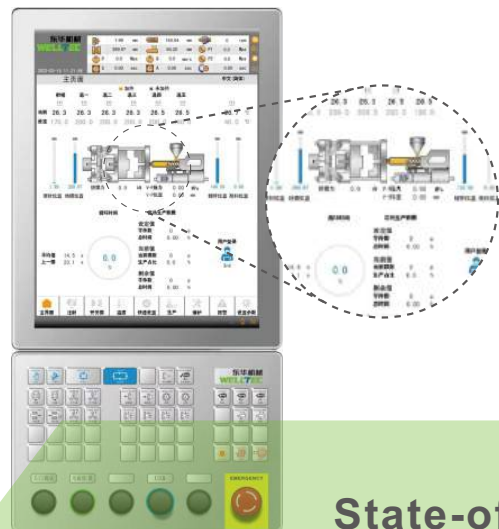
Extra-large plasticising torque

Low deceleration to enhance plasticising performance while attaining low noise

 Products weight repeatability $\leq 1\%$



CONTROL SYSTEM—EP 706E



Built in with

- Intel Atom x 6425 RE@ 1.90GHz Quad- core CPU; Quad threads
- 64G SSD 2.5 inch hard disk 4GB LPDDR4X memory
- 2 Ethernet adaptors to cater the mainstream OPCUA , MUDBUS-TCP communications
- 2 USB ports 3.0 for data import and export
- 15" touch screen display
- User- friendly interface

State-of-art smart controller

Seamless connection of control system and control accuracy supported by Germany PA–CNC elements and Inovance technology platform

- Better prevention of overloading
- High performance even under high pressure and high speed
- Low speed long pressure holding
- Instant high torque start up

- Multi-turn absolute encoders-31 level of rigidity & 2.5 times of loading capacity
- Processing algorithms for transmissions including all-electric, hydraulic and multi ball screw transmission
- Space saving: A unified power supply unit with common DC link busbar design



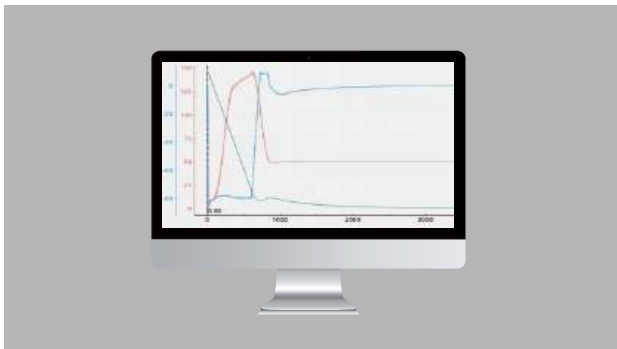
SERVO CONTROL FOR MULTIPLE UNITS :

injection/ plasticising/
open & close mold/ ejector/
carriage and mold adjustment



High performance servo driver

High and stable output even under high torque



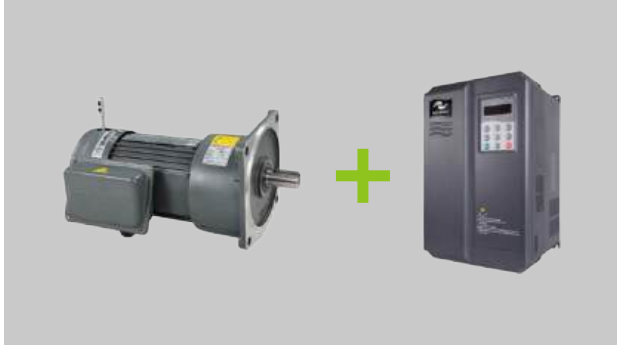
Intelligent algorithm

Intelligent algorithm to realize high response and accuracy



High performance servo driver and server

The above combination equipped in injection, plasticising, open/ close mold and ejector units enables a high precision process



Gear reducer and high performance frequency converter

The above combination equipped in carriage and mold adjustment enables smooth acceleration and deceleration and supports an intelligent servo control

D series

Precision and Productivity



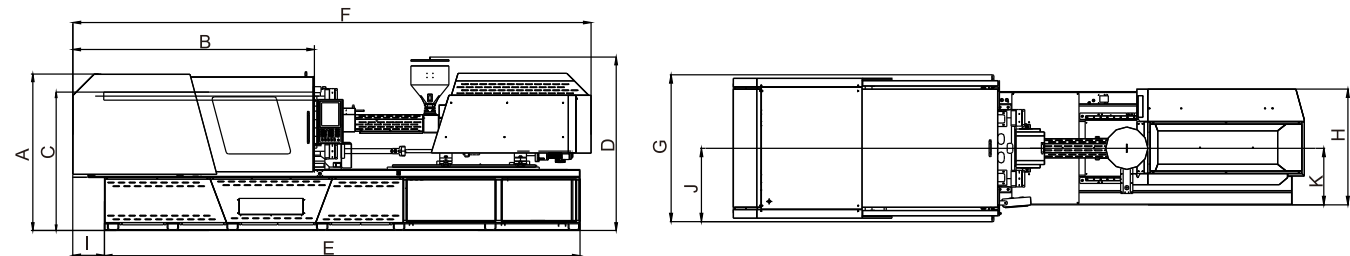
Specifications

ITEM	UNIT	90D						120D						150D					
IU		204/204h			428/428h			204/204h			428/428h			204/204h			428/428h		
INJECTION UNIT																			
Screw diameter	mm	25	28	32	36	40	45	25	28	32	36	40	45	25	28	32	36	40	45
Theoretical shot volume	cm ³	61	77	101	173	214	270	61	77	101	173	214	270	61	77	101	173	214	270
Shot weight (PS)	g	56	70	91	157	194	246	56	70	91	157	194	246	56	70	91	157	194	246
Length/Diameter ratio	L/D	22	20	18	22	20	18	22	20	18	22	20	18	22	20	18	22	20	18
Injection pressure	MPa	332	265	203	247	200	158	332	265	203	247	200	158	332	265	203	247	200	158
Holding pressure	MPa	266	212	162	198	160	126	266	212	162	198	160	126	266	212	162	198	160	126
Injection speed	mm/s	240/400			240/350			240/400			240/350			240/400			240/350		
Injection rate	cm ³ /sec	118	148	193	244	302	382	118	148	193	244	302	382	118	148	193	244	302	382
Injection stroke	mm	125			170			125			170			125			170		
Max. screw speed	rpm	350			350			350			350			350			350		
Plasticizing capacity (PS)	g/s	7.4	9.3	15.1	22.2	26.3	38.3	7.4	9.3	15.1	22.2	26.3	38.3	7.4	9.3	15.1	22.2	26.3	38.3
Injection unit force	Ton	2.5			3			2.5			3			2.5			3		
CLAMPING UNIT																			
Clamping force	Ton	90						120						150					
Max. daylight	mm	730						840						940					
Clamping stroke	mm	320						360						420					
Distance btwn. tie bars	mm	420x420						470x470						520x520					
Min. mould size	mm	295x295						330x330						365x365					
Mould thickness range	mm	150-410						150-480						180-520					
Ejector force	Ton	3						3						3.5					
Ejector stroke	mm	80						100						120					
POWER UNIT																			
No. of heating zones	unit	3+1			4+1			3+1			4+1			3+1			4+1		
Heating power	kW	8.77			14.73			8.77			14.73			8.77			14.73		
Electrical power	KVA	41.1/48.4			50.8/64.7			41.1/48.4			50.8/64.7			48.7/48.7			51.1/64.7		
Total current	A	69.4/81.8			85.8/109.2			69.4/81.8			85.8/109.2			82.3/82.3			86.3/109.2		
Machine weight	Ton	6/6.2			6.8/7			6.7/6.9			7.5/7.5			9.5/9.7			10.2/10.5		

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Machine Dimensions

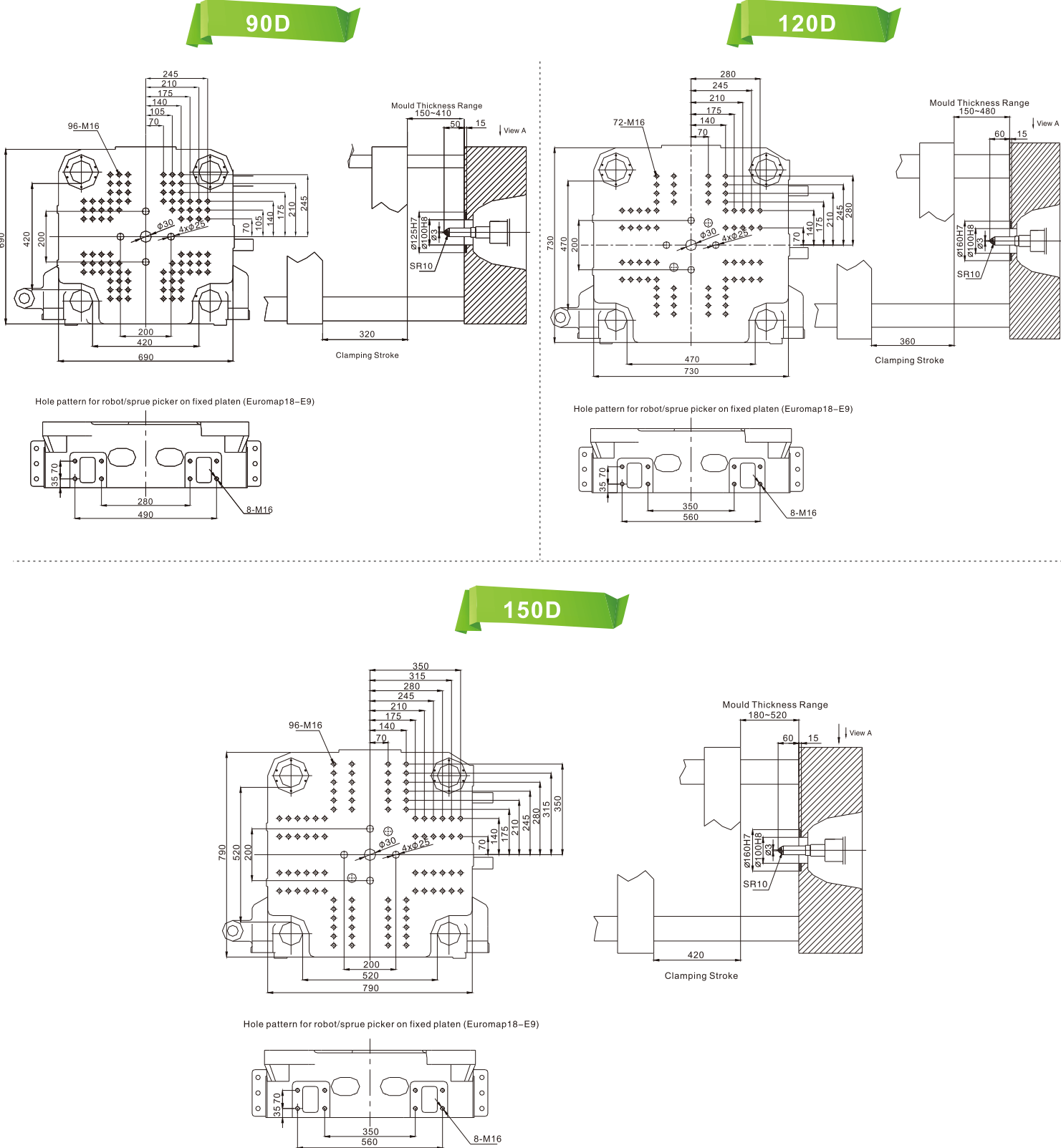
【 90D ~ 150D 】



Model	A	B	C	D	E	F	G	H	I	J	K
90D	1784	2262	1545	2090	4478	5043	1483	1227	355	680	520
120D	1784	2462	1580	2090	4678	5603	1483	1187	355	680	520
150D	1874	2638	1658	2115	5140	5026	1583	1242	378	733	570

Remark: C-hopper height for reference only

Platen/Nozzle Dimensions



D series

Precision and Productivity



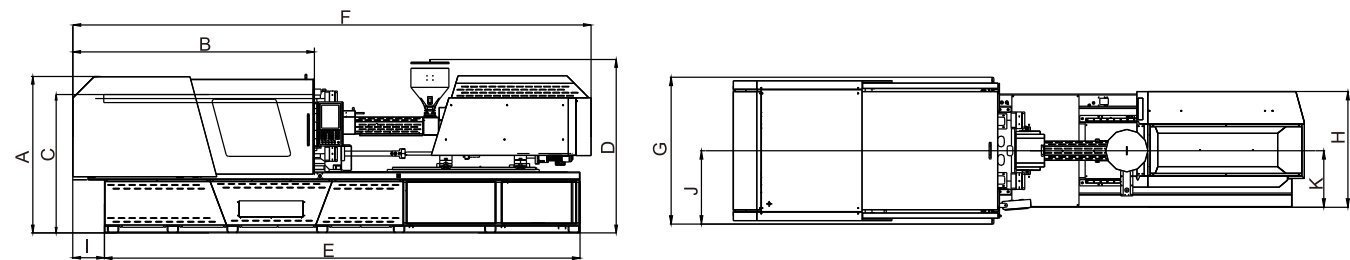
Specifications

ITEM	UNIT	190D						230D					
IU		428/428h			636/636h			636/636h			904/904h		
INJECTION UNIT													
Screw diameter	mm	36	40	45	40	45	50	40	45	50	45	50	55
Theoretical shot volume	cm ³	173	214	270	251	318	393	251	318	393	366	452	546
Shot weight (PS)	g	157	194	246	229	289	357	229	289	357	333	411	497
Length/Diameter ratio	L/D	22	20	18	23	20	18	23	20	18	22	20	18
Injection pressure	MPa	247	200	158	253	200	162	253	200	162	247	200	165
Holding pressure	MPa	198	160	126	203	160	130	203	160	130	198	160	132
Injection speed	mm/s	240/350			240/350			240/350			240/350		
Injection rate	cm ³ /sec	244	302	382	302	382	471	302	382	471	382	471	570
Injection stroke	mm	170			200			200			230		
Max. screw speed	rpm	350			320			320			320		
Plasticizing capacity (PS)	g/s	22.2	26.3	38.3	24.0	35.0	43.5	24.0	35.0	43.5	35.0	43.5	61.2
Injection unit force	Ton	3			4			4			5		
CLAMPING UNIT													
Clamping force	Ton	190						230					
Max. daylight	mm	1020						1160					
Clamping stroke	mm	470						550					
Distance btwn. tie bars	mm	570x570						620x620					
Min. mould size	mm	400 x400						420 x420					
Mould thickness range	mm	200-550						220-610					
Ejector force	Ton	5						5					
Ejector stroke	mm	130						150					
POWER UNIT													
No. of heating zones	unit	4+1			5+1			5+1			5+1		
Heating power	kW	14.73			18.55			18.55			22.7		
Electrical power	KVA	52.8/66.4			62.6/75.5			66/75			69.6/77.2		
Total current	A	89.1/112.1			105.7/127.5			111.5/127.5			117.5/130.3		
Machine weight	Ton	10.1/10.3			10.9/11.3			12.7/12.9			13.1/13.4		

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Machine Dimensions

【190D~230D】

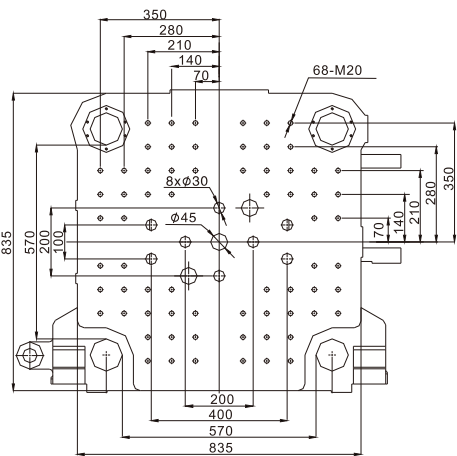


Model	A	B	C	D	E	F	G	H	I	J	K
190D	1974	2838	1733	2224	5945	5957	1653	1331	355	726	625
230D	2055	3177	1817	2268	6255	6527	1753	1381	415	876	675

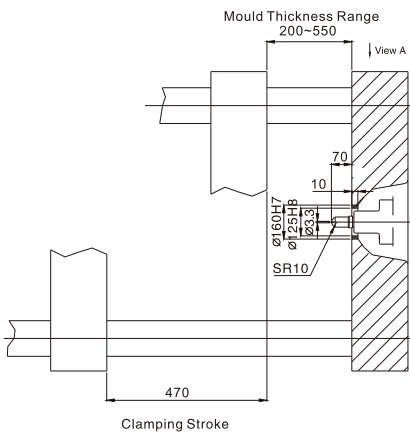
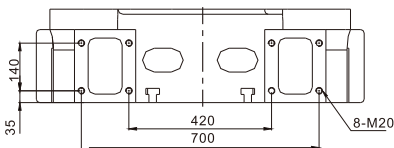
Remark: C-hopper height for reference only

Platen/Nozzle Dimensions

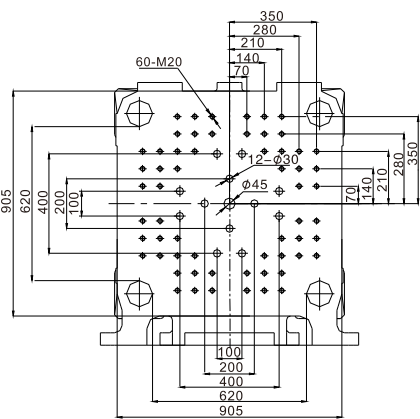
190D



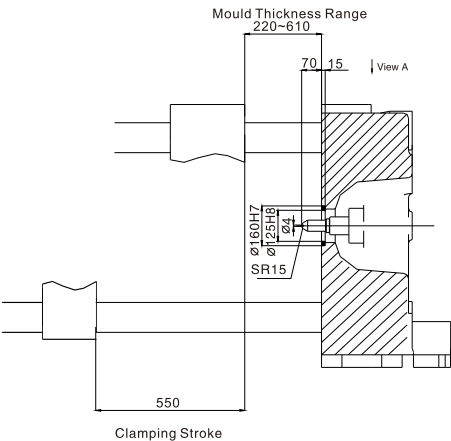
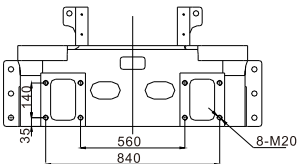
Hole pattern for robot/sprue picker on fixed platen (Euromap18-E10)



230D



Hole pattern for robot/sprue picker on fixed platen (Euromap18-E11)



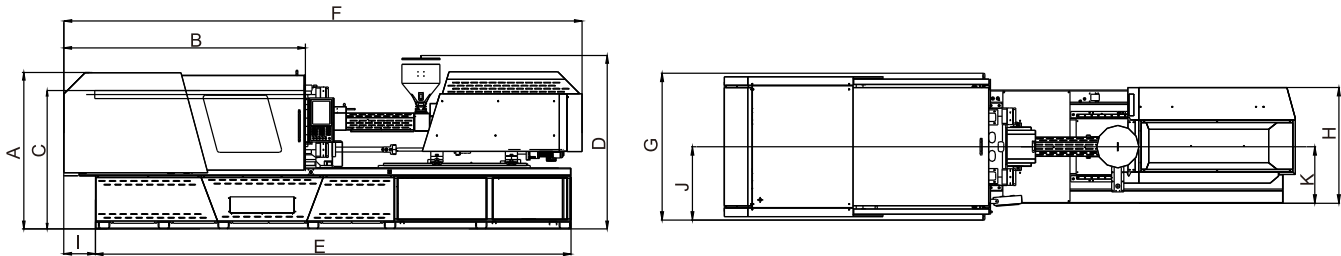
Specifications

ITEM	UNIT	90HD						120HD						150HD											
IU		204/204h						428/428h						204/204h						428/428h					
INJECTION UNIT																									
Screw diameter	mm	25	28	32	36	40	45	25	28	32	36	40	45	25	28	32	36	40	45						
Theoretical shot volume	cm ³	61	77	101	173	214	270	61	77	101	173	214	270	61	77	101	173	214	270						
Shot weight (PS)	g	56	70	91	157	194	246	56	70	91	157	194	246	56	70	91	157	194	246						
Length/Diameter ratio	L/D	22	20	18	22	20	18	22	20	18	22	20	18	22	20	18	22	20	18						
Injection pressure	MPa	332	265	203	247	200	158	332	265	203	247	200	158	332	265	203	247	200	158						
Holding pressure	MPa	266	212	162	198	160	126	266	212	162	198	160	126	266	212	162	198	160	126						
Injection speed	mm/s	240/400			240/350			240/400			240/350			240/400			240/350								
Injection rate	cm ³ /sec	118	148	193	244	302	382	118	148	193	244	302	382	118	148	193	244	302	382						
Injection stroke	mm	125			170			125			170			125			170								
Max. screw speed	rpm	350			350			350			350			350			350								
Plasticizing capacity (PS)	g/s	7.4	9.3	15.1	22.2	26.3	38.3	7.4	9.3	15.1	22.2	26.3	38.3	7.4	9.3	15.1	22.2	26.3	38.3						
Injection unit force	Ton	5.7			5.7			5.7			5.7			5.7			5.7								
CLAMPING UNIT																									
Clamping force	Ton	90						120						150											
Max. daylight	mm	730						840						940											
Clamping stroke	mm	320						360						420											
Distance btwn. tie bars	mm	420x420						470x470						520x520											
Min. mould size	mm	295x295						330x330						365 x365											
Mould thickness range	mm	150-410						150-480						180-520											
Ejector force	Ton	5.5						5.5						5.5											
Ejector stroke	mm	80						100						125											
POWER UNIT																									
No. of heating zones	unit	3+1			4+1			3+1			4+1			3+1			4+1								
Heating power	kW	8.77			14.73			8.77			14.73			8.77			14.73								
Electrical power	KVA	41.1/48.4			50.8/64.7			41.1/48.4			50.8/64.7			48.7/48.7			51.1/64.7								
Total current	A	69.4/81.8			85.8/109.2			69.4/81.8			85.8/109.2			82.3/82.3			86.3/109.2								
Machine weight	Ton	6/6.2			6.8/7			6.7/6.9			7.5/7.5			9.5/9.7			10.2/10.5								
Oil filling capacity	L	50						50						50											

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Machine Dimensions

【 90HD ~ 150HD 】

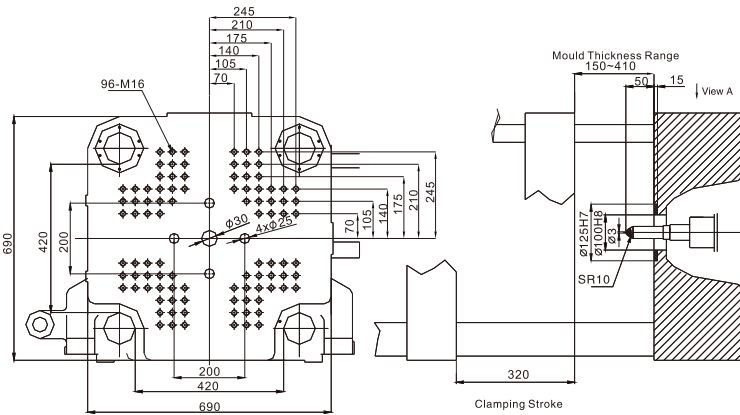


Model	A	B	C	D	E	F	G	H	I	J	K
90HD	1784	2262	1545	2090	4478	4833	1483	1187	355	680	520
120HD	1784	2462	1580	2090	4678	5033	1483	1187	355	680	520
150HD	1874	2638	1658	2115	5140	5596	1583	1282	378	733	570

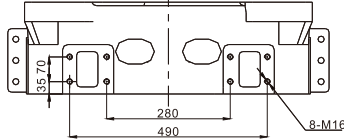
Remark: C-hopper height for reference only

Platen/Nozzle Dimensions

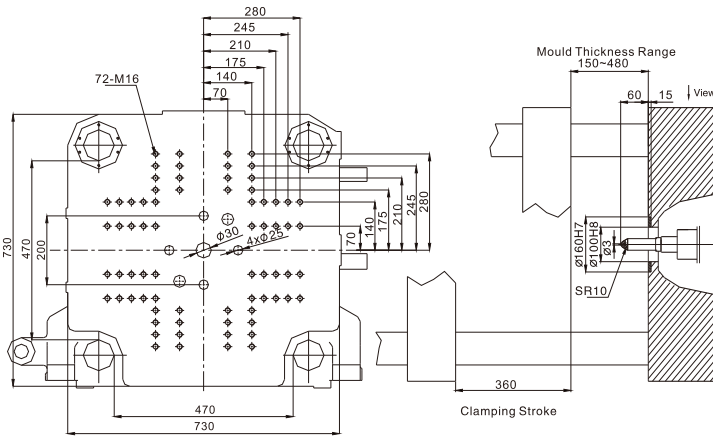
90HD



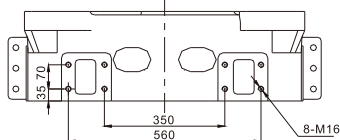
Hole pattern for robot/sprue picker on fixed platen (Euromap18-E9)



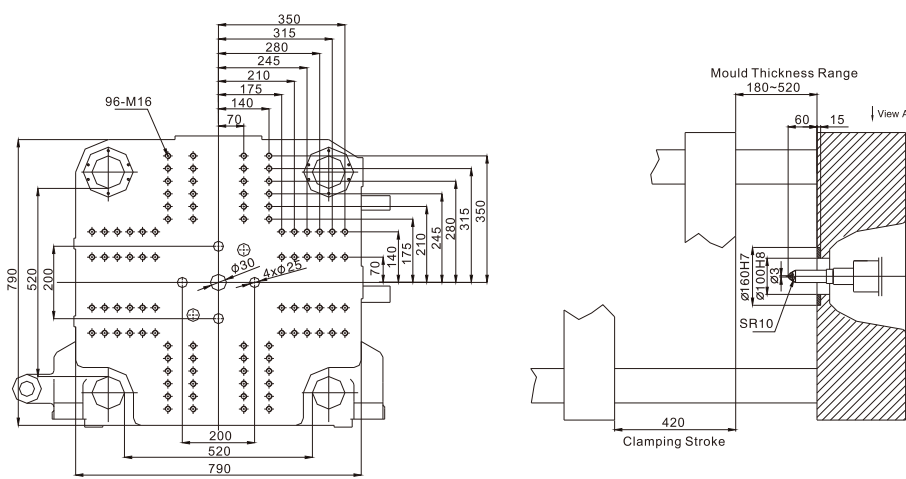
120HD



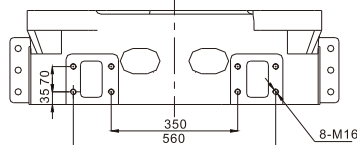
Hole pattern for robot/sprue picker on fixed platen (Euromap18-E9)



150HD



Hole pattern for robot/sprue picker on fixed platen (Euromap18-E9)



D series

Precision and Productivity



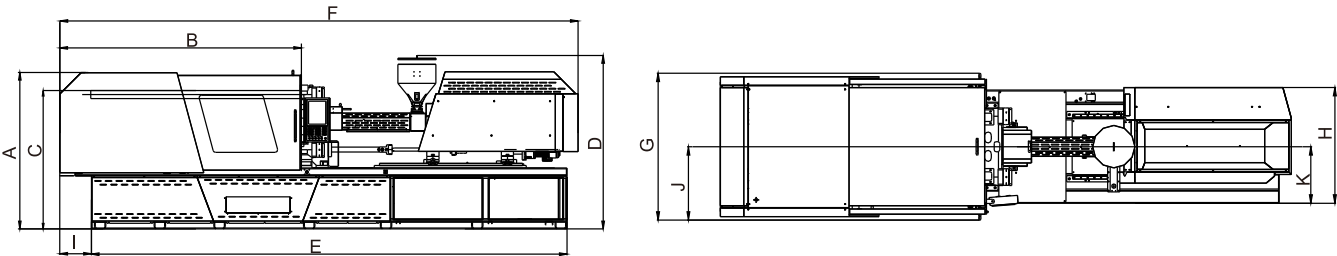
Specifications

ITEM	UNIT	190HD						230HD						300HD											
IU		428/428h						636/636h						904/904h						1728/1728h					
INJECTION UNIT																									
Screw diameter	mm	36	40	45	40	45	50	40	45	50	45	50	55	45	50	55	60	65	70						
Theoretical shot volume	cm³	173	214	270	251	318	393	251	318	393	366	452	546	366	452	546	792	929	1078						
Shot weight (PS)	g	157	194	246	229	289	357	229	289	357	333	411	497	333	411	497	720	846	981						
Length/Diameter ratio	L/D	22	20	18	23	20	18	23	20	18	22	20	18	22	20	18	22	20	18.6						
Injection pressure	MPa	247	200	158	253	200	162	253	200	162	247	200	165	247	200	165	218	186	160						
Holding pressure	MPa	198	160	126	203	160	130	203	160	130	198	160	132	198	160	132	175	149	128						
Injection speed	mm/s	240/350			240/350			240/350			240/350			240/350			230/350								
Injection rate	cm³/sec	244	302	382	302	382	471	302	382	471	382	471	570	382	471	570	650	736	885						
Injection stroke	mm	170			200			200			230			230			280								
Max. screw speed	rpm	350			320			320			320			320			250								
Plasticizing capacity (PS)	g/s	22.2	26.3	38.3	24.0	35.0	43.5	24.0	35.0	43.5	35.0	43.5	61.2	35.0	43.5	61.2	61.1	76.5	94.4						
Injection unit force	Ton	5.7			5.7			5.7			11			11			11								
CLAMPING UNIT																									
Clamping force	Ton	190						230						300											
Max. daylight	mm	1020						1160						1250											
Clamping stroke	mm	470						550						600											
Distance btwn. tie bars	mm	570x570						620x620						730x730											
Min. mould size	mm	400×400						420 x420						510 x510											
Mould thickness range	mm	200-550						220-610						240-650											
Ejector force	Ton	8						8						11											
Ejector stroke	mm	130						150						160											
POWER UNIT																									
No. of heating zones	unit	4+1			5+1			5+1			5+1			5+1			5+1								
Heating power	kW	14.73			18.55			18.55			22.7			22.7			31.29								
Electrical power	KVA	52.8/66.4			62.6/75.5			66/75			69.6/77.2			90.4/90.4			97.4/120								
Total current	A	89.1/112.1			105.7/127.5			111.5/127.5			117.5/130.3			152.6/152.6			164.5/202.6								
Machine weight	Ton	10.1/10.3			10.9/11.3			12.7/12.9			13.1/13.4			16.7/16.9			17.6/17.8								
Oil filling capacity	L	50						50			50			75											

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Machine Dimensions

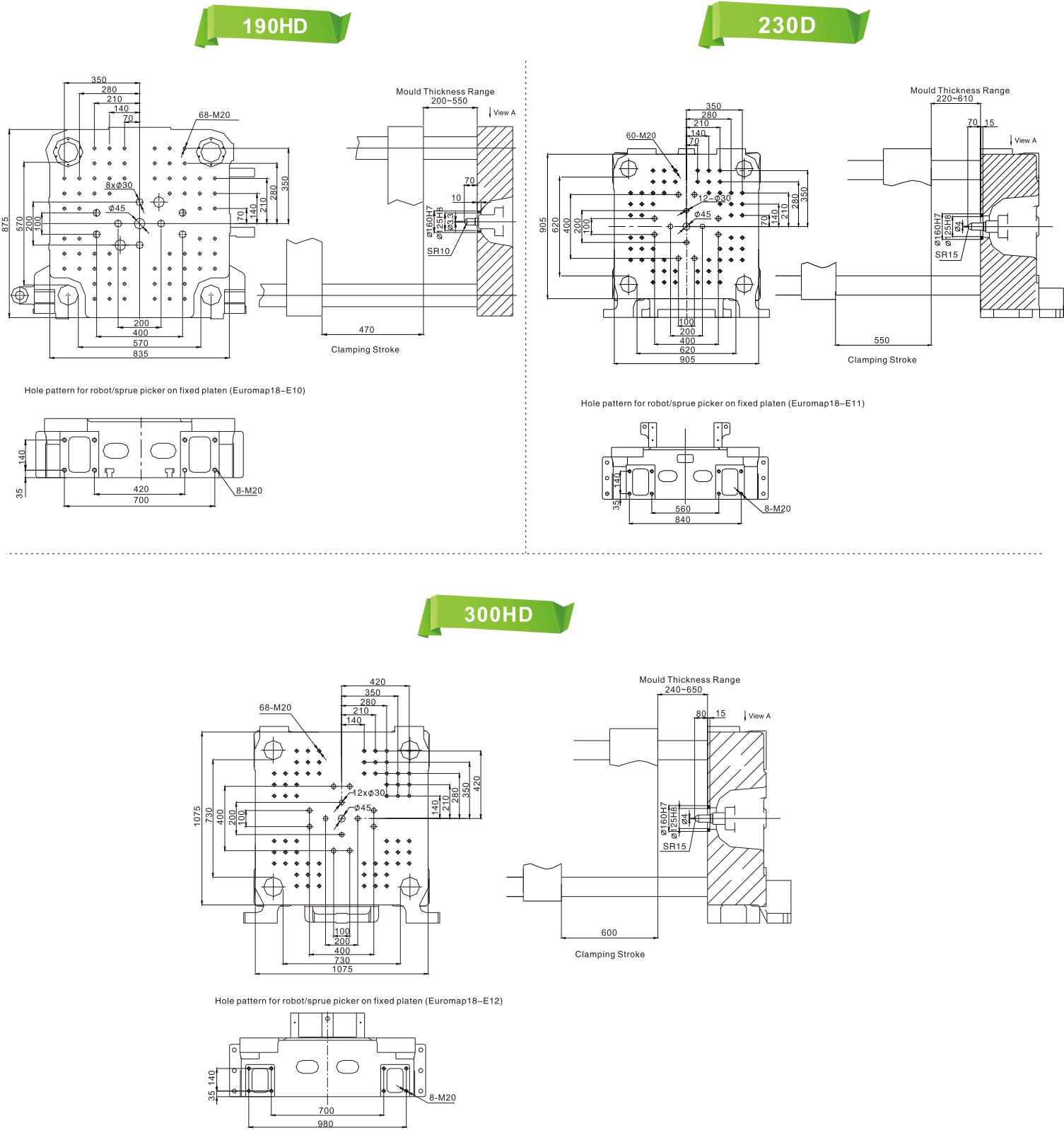
190HD~300HD



Model	A	B	C	D	E	F	G	H	I	J	K
190HD	1974	2838	1733	2224	5945	6210	1653	1331	355	826	625
230HD	2055	3177	1817	2278	6255	6815	1753	1381	415	876	675
300HD	2130	3335	1915	2295	7102	7640	1892	1690	237	946	730

Remark: C-hopper height for reference only

Platen/Nozzle Dimensions



D series

Precision and Productivity



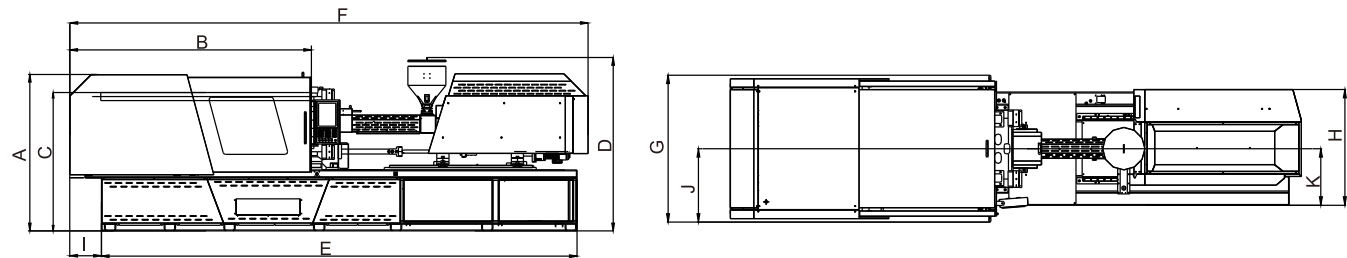
Specifications

ITEM	UNIT	360HD						450HD						550HD					
IU		904/904h			1728/1728h			1728/1728h			2250			2250			3350		
INJECTION UNIT																			
Screw diameter	mm	45	50	55	60	65	70	60	65	70	65	70	80	65	70	80	70	80	90
Theoretical shot volume	cm³	366	452	546	792	929	1078	792	929	1078	1078	1251	1634	1078	1251	1634	1424	1860	2354
Shot weight (PS)	g	333	411	497	720	846	981	720	846	981	981	1138	1487	981	1138	1487	1296	1692	2142
Length/Diameter ratio	L/D	22	20	18	22	20	18.6	22	20	18.6	23	21	18.4	23	21	18.4	24	21	18.7
Injection pressure	MPa	247	200	165	218	186	160	218	186	160	209	180	138	209	180	138	235	180	142
Holding pressure	MPa	198	160	132	175	149	128	175	149	128	167	144	110	167	144	110	188	144	114
Injection speed	mm/s	240/350			230/350			230			160			160			160		
Injection rate	cm³/sec	382	471	570	650	736	885	650	736	885	531	616	804	531	616	804	616	804	1018
Injection stroke	mm	230			280			280			325			325			370		
Max. screw speed	rpm	320			250			250			210			210			185		
Plasticizing capacity (PS)	g/s	35.0	43.5	61.2	61.1	76.5	94.4	61.1	76.5	94.4	64.3	79.3	110.1	64.3	79.3	110.1	69.8	97.0	113.2
Injection unit force	Ton	11			11			11			11			11			11		
CLAMPING UNIT																			
Clamping force	Ton	360						450						550					
Max. daylight	mm	1440						1610						1780					
Clamping stroke	mm	730						800						900					
Distance btwn. tie bars	mm	820x820						920x920						970x970					
Min. mould size	mm	575x575						600x600						630x630					
Mould thickness range	mm	250-710						350-810						380-880					
Ejector force	Ton	11						11						15.7					
Ejector stroke	mm	160						180						180					
POWER UNIT																			
No. of heating zones	unit	5+1			5+1			5+1			5+1			5+1			5+1		
Heating power	kW	22.7			31.29			31.29			35.49			35.49			43.49		
Electrical power	KVA	90.4/90.4			97.4/120			110			117			130			136		
Total current	A	152.6/152.6			164.5/202.6			185			198			220			229		
Machine weight	Ton	19/19.2			20/20.2			26.2			26			33.8			34.3		
Oil filling capacity	L	75						160			160			160			160		

■ We are always working on improvement and re serve the rights to change design and specifications without prior notice

Machine Dimensions

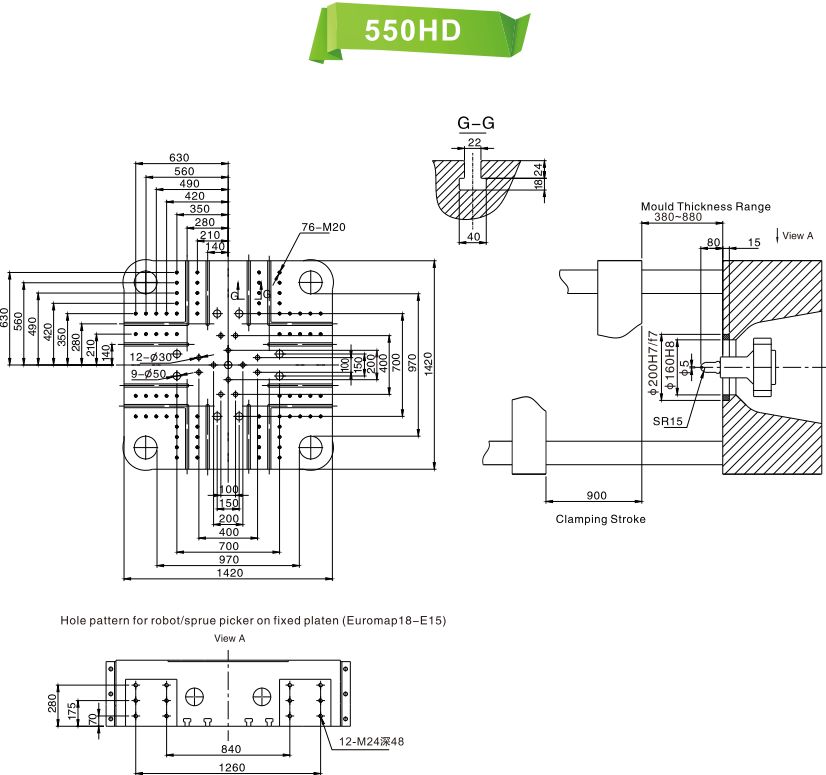
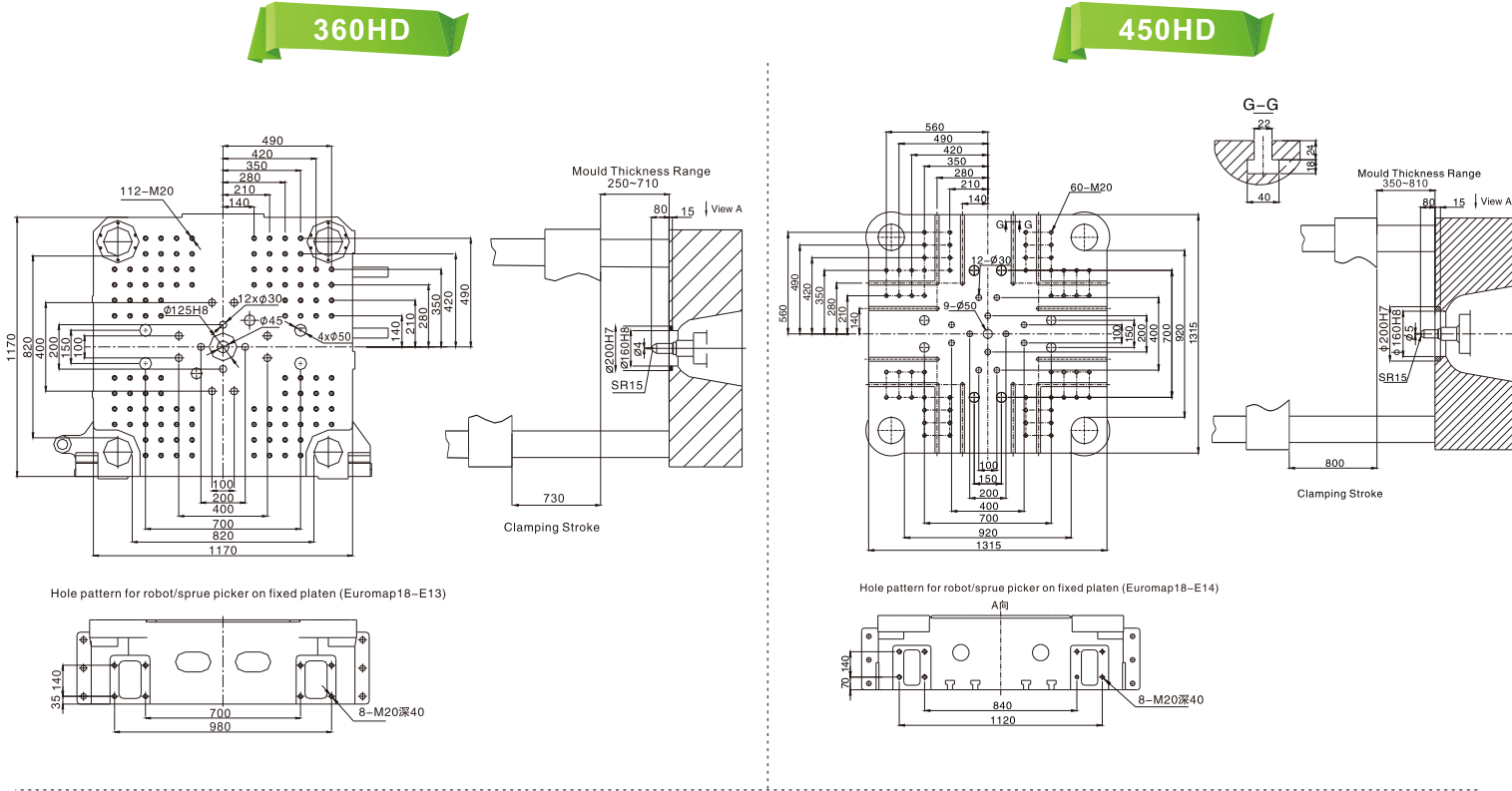
【 360HD~550HD 】



Model	A	B	C	D	E	F	G	H	I	J	K
360HD	2180	3675	1970	2295	7492	7988	1992	1690	192	996	730
450HD	2240	4006	2005	2421	8023	8060	2332	1980	392	1140	865
550HD	2302	4348	2039	2426	8303	8825	2407	1980	487	1178	865

Remark: C-hopper height for reference only

Platen/Nozzle Dimensions



D series

Precision and Productivity



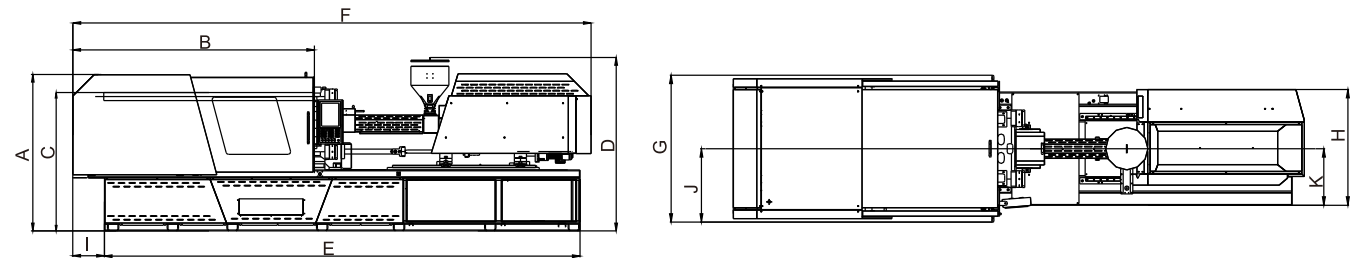
Specifications

ITEM	UNIT	650HD						800HD					
IU		2250			3350			3350			5300		
INJECTION UNIT													
Screw diameter	mm	65	70	80	70	80	90	70	80	90	80	90	105
Theoretical shot volume	cm ³	1078	1251	1634	1424	1860	2354	1424	1860	2354	2262	2863	3897
Shot weight (PS)	g	981	1138	1487	1296	1692	2142	1296	1692	2142	2058	2605	3546
Length/Diameter ratio	L/D	23	21	18.4	24	21.2	18.8	24	21.2	18.8	23.6	21	18
Injection pressure	MPa	209	180	138	235	180	142	235	180	142	234	185	136
Holding pressure	MPa	167	144	110	188	144	114	188	144	114	187	148	109
Injection speed	mm/s	160			160			160			160		
Injection rate	cm ³ /sec	531	616	804	616	804	1018	616	804	1018	804	1018	1385
Injection stroke	mm	325			370			370			450		
Max. screw speed	rpm	210			185			185			160		
Plasticizing capacity (PS)	g/s	64.3	79.3	110.1	69.8	97.0	113.2	69.8	97.0	113.2	96.8	117.5	177.7
Injection unit force	Ton	11			11			11			12		
CLAMPING UNIT													
Clamping force	Ton	650						800					
Max. daylight	mm	2000						2000					
Clamping stroke	mm	1000						1000					
Distance btwn. tie bars	mm	1090x1090						1090x1090					
Min. mould size	mm	700x700						700x700					
Mould thickness range	mm	420-1000						420-1000					
Ejector force	Ton	22.3						22.3					
Ejector stroke	mm	200						200					
POWER UNIT													
No. of heating zones	unit	5+1			5+1			5+1			5+1		
Heating power	kW	35.49			43.49			43.49			53.98		
Electrical power	KVA	137			136			140			156		
Total current	A	231			229			237			263		
Machine weight	Ton	42.3			42.8			43			44.5		
Oil filling capacity	L	200			200			200			200		

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Machine Dimensions

【650HD~800HD】

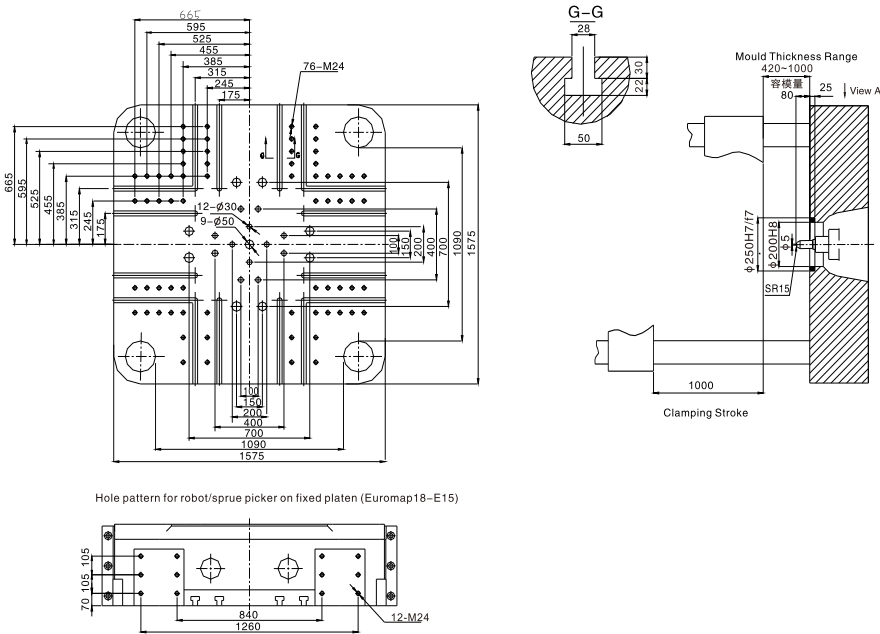


Model	A	B	C	D	E	F	G	H	I	J	K
650HD	2398	4785	2150	2508	9540	9257	2618	2045	580	1228	895
800HD	2398	4785	2150	2855	9540	9642	2618	2045	580	1228	895

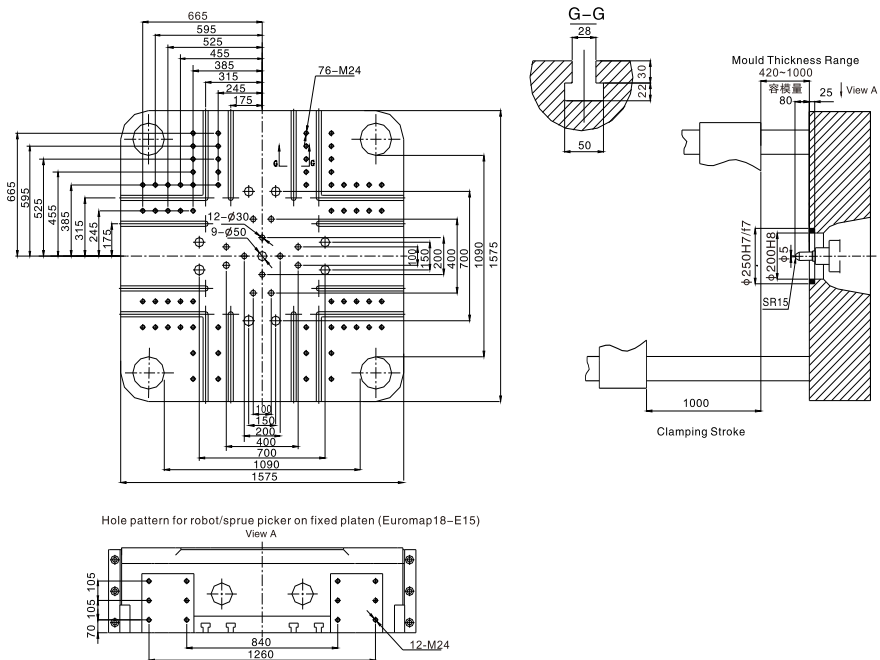
Remark: C-hopper height for reference only

Platen/Nozzle Dimensions

650HD



800HD



D series

Precision and Productivity



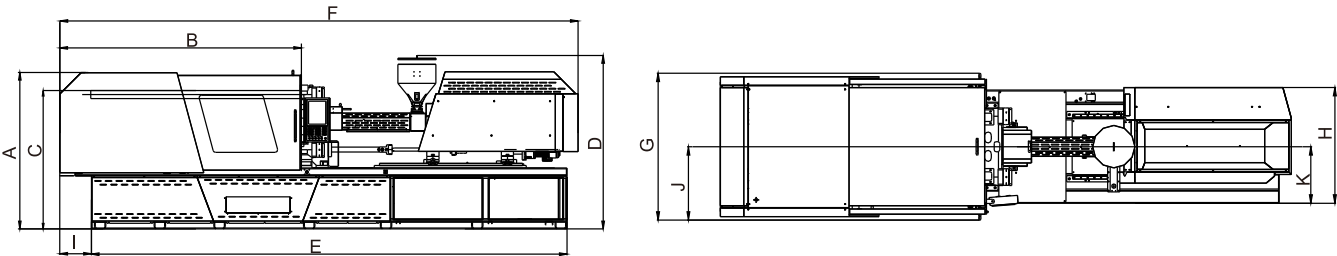
Specifications

ITEM	UNIT	1100HD						1400HD								
IU		5300			7200			5300			7200			8700		
INJECTION UNIT																
Screw diameter	mm	80	90	105	90	100	110	80	90	105	90	100	110	100	110	120
Theoretical shot volume	cm³	2262	2863	3897	3054	3770	4562	2262	2863	3897	3054	3770	4562	4006	4847	5768
Shot weight (PS)	g	2058	2605	3546	2779	3431	4151	2058	2605	3546	2779	3431	4151	3645	4410	5249
Length/Diameter ratio	L/D	23.6	21	18.0	23.3	21	19.1	23.6	21	18.0	23.3	21	19.1	23.1	21	19.3
Injection pressure	MPa	234	185	136	235	190	157	234	185	136	235	190	157	230	190	160
Holding pressure	MPa	187	148	109	188	152	126	187	148	109	188	152	126	184	152	128
Injection speed	mm/s	160			150			160			150			150		
Injection rate	cm³/sec	804	1018	1385	954	1178	1425	804	1018	1385	954	1178	1425	1178	1425	1696
Injection stroke	mm	450			480			450			480			510		
Max. screw speed	rpm	160			150			160			150			150		
Plasticizing capacity (PS)	g/s	96.8	117.5	177.7	89.6	111.2	151.2	83.9	97.9	207.6	89.6	111.2	151.2	237.1	289.4	364.6
Injection unit force	Ton	12			16			12			16			16		
CLAMPING UNIT																
Clamping force	Ton	1100						1400								
Max. daylight	mm	2500						2800								
Clamping stroke	mm	1300						1500								
Distance btwn. tie bars	mm	1320X1320						1560X1450								
Min. mould size	mm	920X920						1080X1000								
Mould thickness range	mm	500-1200						650-1300								
Ejector force	Ton	25						33								
Ejector stroke	mm	200						250								
POWER UNIT																
No. of heating zones	unit	5+1			5+1			5+1			5+1			5+1		
Heating power	kW	53.98			70			49.6			70			78		
Electrical power	KVA	170			190			180			200			220		
Total current	A	280.5			313.5			297.0			330.0			363.0		
Machine weight	Ton	70			72			110			115			120		
Oil filling capacity	L	300			300			300			300			300		

■ We are always working on improvement and reserve the rights to change design and specifications without prior notice

Machine Dimensions

1100HD~1400HD

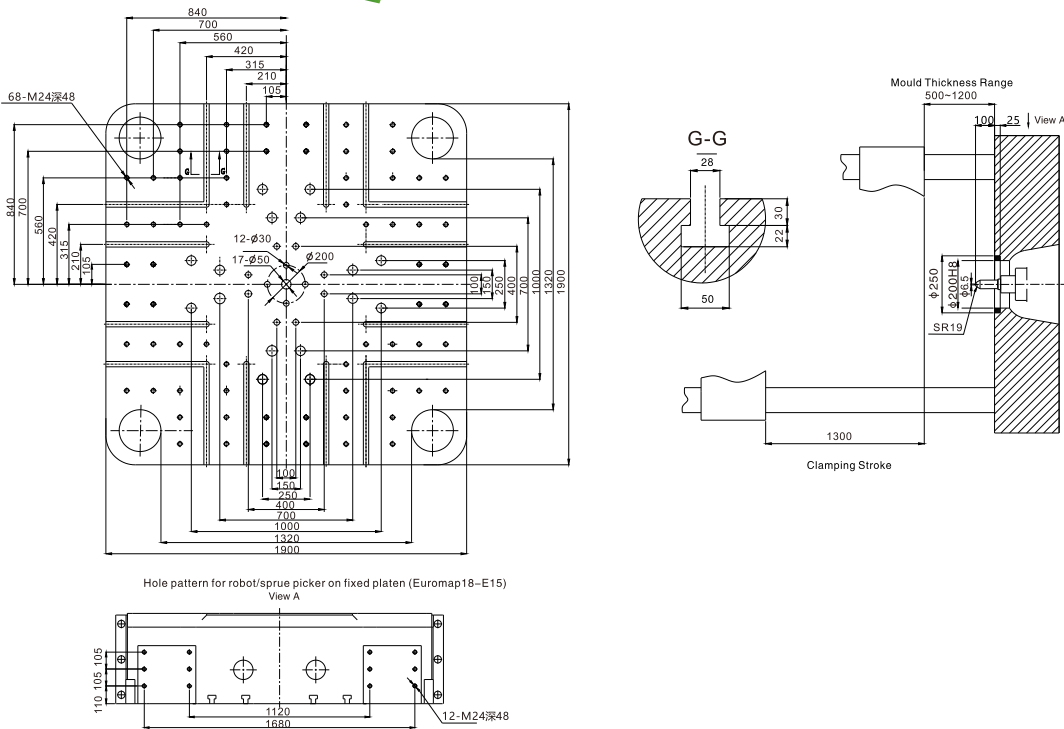


Model	A	B	C	D	E	F	G	H	I	J	K
1100HD	2450	6535	2560	2910	12100	12560	3205	2550	600	1500	1020
1400HD	2450	6920	2830	2910	12800	13275	3540	2700	600	1715	1095

Remark: C-hopper height for reference only

Platen/Nozzle Dimensions

1100HD



1400HD

