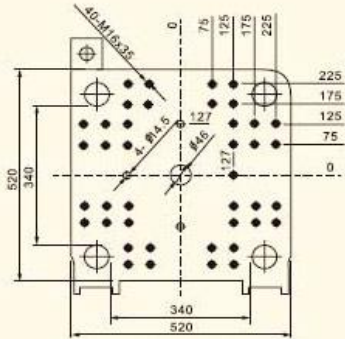
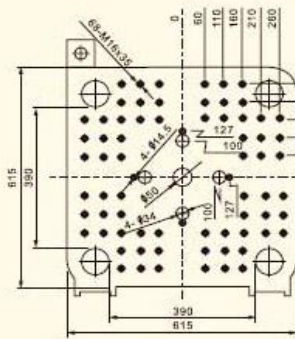


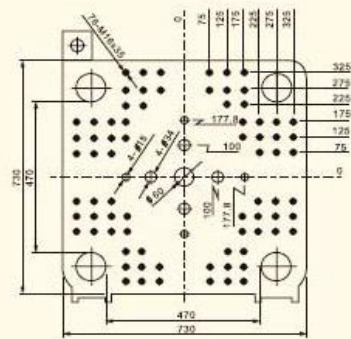
MOVABLE PLATEN



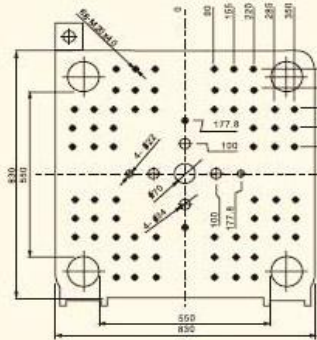
ME100IV



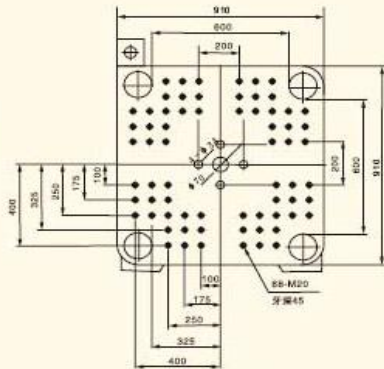
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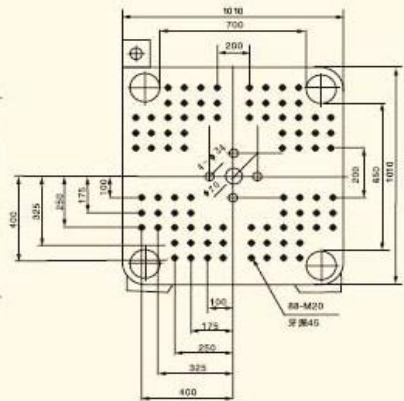
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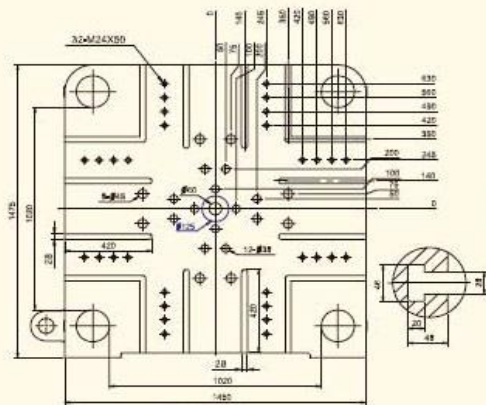
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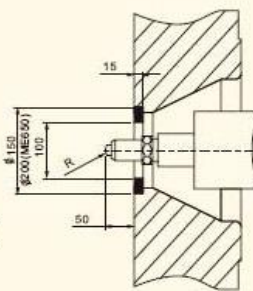
ME350IV



ME450IV



ME650



ME100-250 IV R=10
ME350-450 IV R=15
ME650 R=15

○ Movable platen centering ring

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ME IV 系列 Series



Model	ME100 IV			ME150 IV			ME200 IV			ME250 IV			ME350 IV			ME450 IV			ME650		
Injection unit size rating	267			394			586			904			1330			2052			4124		
Clamping unit size rating	100			150			200			250			350			450			650		
Injection unit																					
Screw	A	B	C	A	B	C	A	B	C	A	B	C	A	B	C	A	B	C	A	B	C
Screw diameter (mm)	34	37	41	39	43	47	44	49	53	51	56	61	58	64	70	68	74	81	86	94	102
L/D ratio	23.9	22	19.9	24.3	22	20.1	24.5	22	20.3	24.2	22	20.2	24.3	22	20.1	23.9	22	20.1	24	22	20.3
Injection volume (cc)	141	167	205	209	254	304	304	377	441	470	466	672	700	853	1020	1108	1312	1572	2265	2707	3187
Shot weight (PS) (g)	126	149	183	187	227	271	271	337	394	419	506	600	625	761	910	989	1171	1403	2022	2416	2844
shot weight (PS) (oz)	4.4	5.2	6.4	6.6	8.0	9.5	9.6	11.9	13.9	14.8	17.8	21.1	22.0	26.8	32.0	34.8	41.2	49.4	71.2	85.1	100.1
Injection pressure (kg/cm ²)	1900	1604	1307	1886	1551	1299	1927	1553	1328	1923	1595	1344	1900	1561	1304	1853	1565	1306	1820	1524	1294
Plasticizing capacity (g/s)	9.4	12.3	17.0	13.6	18.4	24.4	19.1	26.7	34.1	33.6	44.9	58.4	60.2	81.6	107.6	71.8	93.1	122.8	113.9	149.5	191.9
Injection speed (cm/s)	9.7			9.2			8.9			9.5			7.4			8.0			8.1		
Injection rate (cc/s)	88	105	129	110	134	160	136	168	197	194	234	278	196	239	286	291	344	412	472	564	665
Injection stroke (mm)	155			175			200			230			265			305			390		
Injection time (s)	1.6			1.9			2.2			2.7			2.5			3.8			4.5		
Screw rotary speed (rpm)	212			198			191			235			176			186			136		
Screw torque (kg-m)	75.2			99.2			129.6			150.4			201.6			276.8			623.6		
Carriage force (ton)	3.4			3.4			5.5			5.5			8.6			13.5			17.6		
Carriage stroke (mm)	201			236			261			281			316			412			570		
Clamping unit																					
Clamping force (ton)	100			150			200			250			350			450			650		
Opening stroke (mm)	260			305			400			470			540			590			1000		
Min. mould height (mm)	120			150			200			250			280			380			460		
Max. mould height (mm)	340			390			470			550			600			700			1300		
Max. daylight (mm)	600			695			870			1020			1140			1290			2300		
Clearance b/wn tebars (h/h1)(mm/mm)	340 x 340			390 x 390			470 x 470			550 x 550			600 x 600			700 x 650			1020 x 1020		
Platen size (h/h1)(mmxmm)	520 x 520			615 x 615			730 x 730			830 x 830			910 x 910			1010 x 960			1450 x 1450		
Max. mould length	660			780			870			930			1070			1070			1500		
Mould opening force (ton)	67			101			137			172			237			305			478		
Mould opening speed (cm/s)	42.2			42.9			41.2			38.1			25.3			36.2			29.8		
Mould closing speed (cm/s)	28.4			28.9			88.9			83.4			53.0			76.0			89.4		
Dry cycle time (s)	1.5			1.8			1.4			1.8			3.2			2.4			4.5		
Ejector forward force (ton)	2.0			3.1			5.0			8			8.0			8.0			19.6		
Ejector backward force (ton)	1.4			2.2			3.4			5.5			5.5			5.5			13.5		
Ejector stroke (mm)	70			90			110			125			140			140			300		
Ejector forward spd (cm/s)	83.6			66.2			52.4			46.4			43.8			43.8			44.3		
Ejector backward spd (cm/s)	120			96			78			68			68			98			65		
Number of ejector pins	1			5			5			5			5			5			21		
General																					
Motor power (kW)	11.2			14.9			18.6			22.4			29.9			37.3			55.9		
Motor power (hp)	15			20			25			30			40			50			75		
Heating power (kW)	9.88			12.38			14.84			20.81			25.1			33.1			40		
Total current (A)	36.6			48.6			58.0			73.2			94.8			120.0			166.1		
Temperature zones	4 + 1			4+1			4+1			4+1			5+1			5+1			6+1		
Oil tank capacity (l)	220			270			300			300			500			500			1227		
Hopper capacity (l)	55			55			58			72			72			105			120		
System pressure (kg/cm ²)	160			160			160			160			160			160			160		
Dimension(LxWxH)(mmxmm)	3.9 x 0.93 x 1.72			4.5 x 1.02 x 1.76			4.98 x 1.15 x 1.83			6 x 1.4 x 1.9			6.8 x 1.4 x 1.9			7.1 x 1.5 x 1.9			11.5 x 2.26 x 2.4		
Weight (ton)	4			4.5			7.5			11			12			14.5			36		

Specifications are subject to change without notice.