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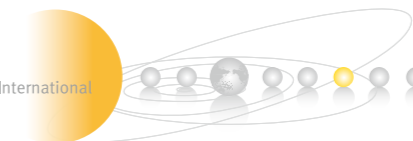
Haitian Iapetus² Series

Specifications / International



Haitian Partner:

HT 20201009-IV





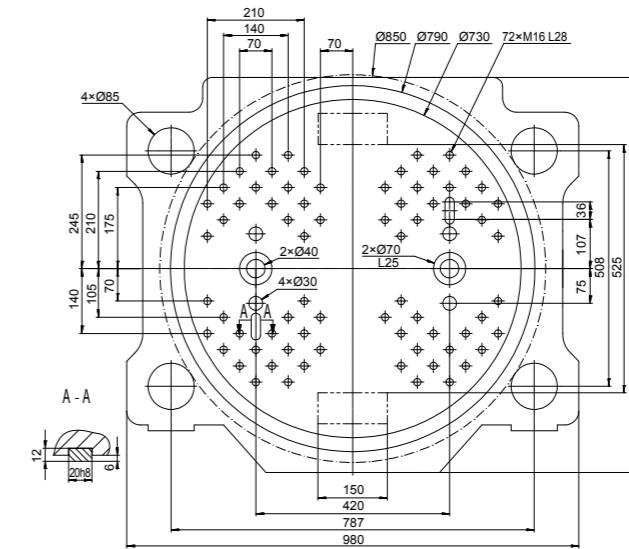
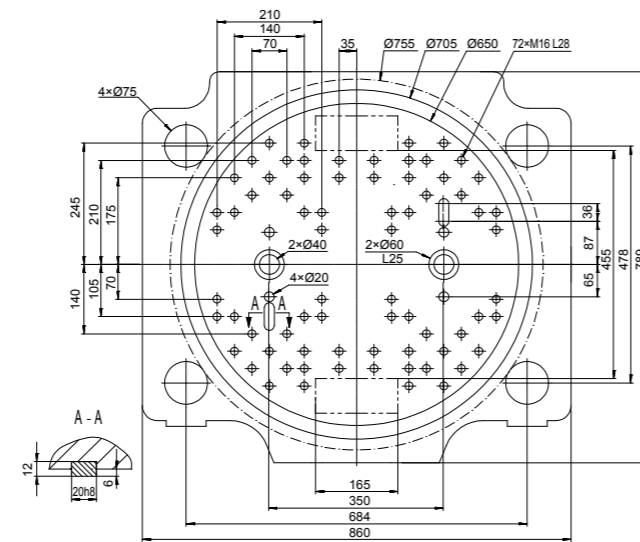
Specification

Turntable multi-color machine with wide mold platen

INJECTION UNIT	IA1200 II / b-j												IA1600 II / b-j																									
	Type 1				Type 2				Type 3				Type 1				Type 2				Type 3			Type 4			Type 5											
	160		100		100		100		100		50		280		160		160		160		100		100		100		50											
	A	B	C	A	B	A	B	A	B	A	B	A	B	C	A	B	C	A	B	C	A	B	A	B	A	B	A	B										
Screw Diameter	26		30		34		22		26		22		26		22		26		22		26		22		26		22		26		22		26		22			
Screw L/D Ratio	24		21		19		20		20		20		20		20		20		20		20		20		20		20		20		20		20		20			
Shot Size (Theoretical)	66		88		113		38		53		38		53		38		53		38		53		38		53		38		53		38		53		38			
Injection Weight (PS)	60		80		103		35		48		35		48		35		48		35		48		35		48		35		48		35		48		35			
Injection Rate	52		69		89		46		64		46		64		46		64		46		64		46		64		46		64		46		64		46			
Plasticizing Capacity (PS)	6.1		8.3		11.2		3		5.3		3		5.3		3		5.3		3		5.3		3		5.3		3		5.3		3		5.3		3			
Injection Pressure	237		178		138		268		192		268		192		268		192		268		192		268		192		268		192		268		192		268			
Screw Speed	0-246		0-246		0-246		0-246		0-246		0-246		0-300		0-240		0-246		0-300		0-246		0-300		0-246		0-300		0-246		0-300		0-300		0-300			
CLAMPING UNIT																																						
Clamp Tonnage													1200																									
Toggle Stroke													310																									
Space Between Tie Bars													609x403																									
Diameter of Rotational Mold Adapter													Ø650																									
Bearing Capacity of Rotary Platen													0.4																									
Max.Mold Height													400																									
Min. Mold Height													120																									
Ejector Stroke													90																									
Ejector Tonnage													22x2																									
Distance Between Molds Positing Centers													350																									
OTHERS																																						
Max. Pump Pressure													16																									
Pump Motor Power	7.5+7.5				7.5+7.5				7.5+7.5				11+7.5				11+7.5				11+7.5			11+7.5			11+7.5			11+7.5								
Heater Power	5.9		5.4		6.8		5.4		6.8		5.4		6.8		5.4		6.8		5.4		6.8		5.4		6.8		5.4		6.8		5.4		6.8		5.4		6.8	
Machine Dimension(LxWxH)													5.0x1.7x1.88																									
Machine Weight													4.9																									
Hopper Capacity	25		5		25		25		25		4.9		25		25		25		25		25		25		25		25		25		25		25		25			
Oil Tank Capacity													210																									

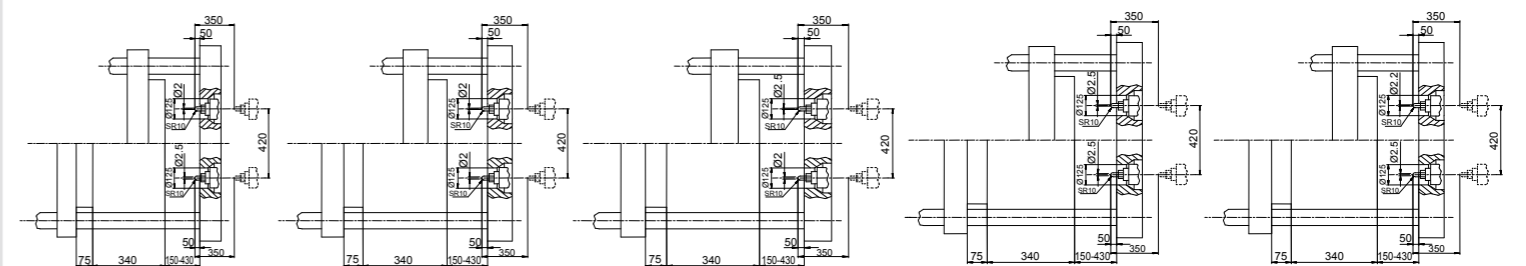
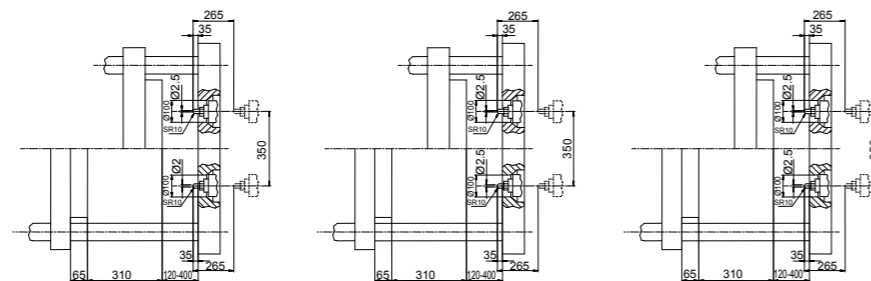
Platen dimensions

Moving platen



Platen dimensions

Mounting hole for robot/sprue picker top view from fixed platen



Note: there is a ejector hole (M12) on the mold ejector plate, which is used for installing ejector transitional pin.

Note: there is a ejector hole (M16) on the mold ejector plate, which is used for installing ejector transitional pin.

We reserve the right to make changes as a result of further technical advantages.

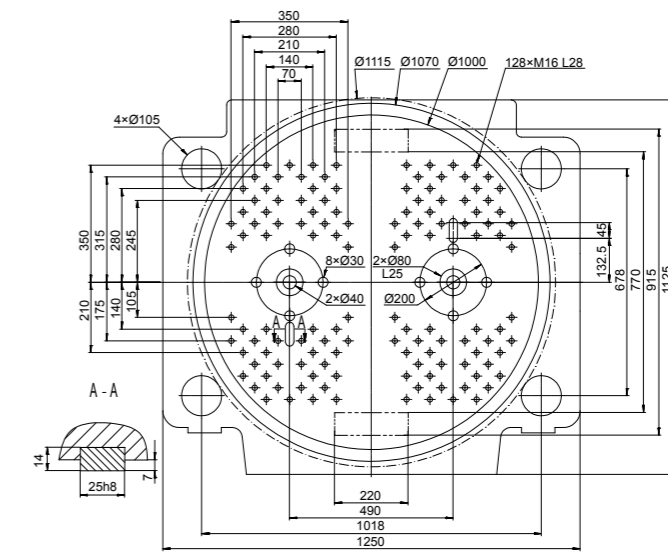
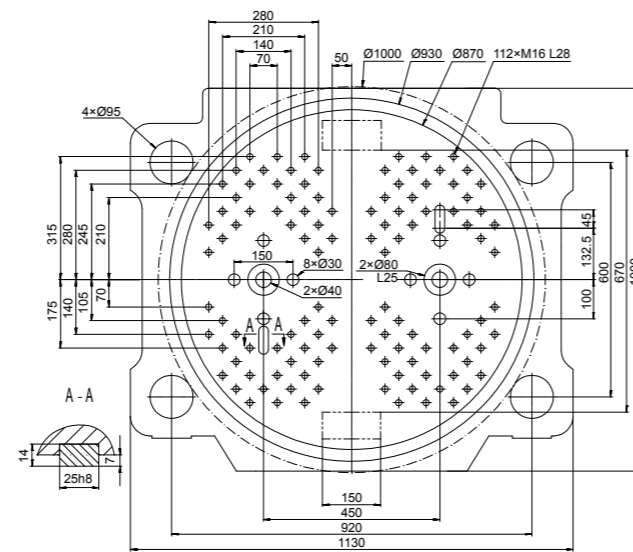
Specification

Turntable multi-color machine with wide mold platen

INJECTION UNIT	IA2000 II / b-j												IA2500 II / b-j																																
	Type 1				Type 2				Type 3				Type 4				Type 1				Type 2				Type 3				Type 4																
	280		160		160		160		100		100		100		570		280		390		160		280		160		160		100		100														
Screw Diameter	mm	32	36	40	26	30	34	26	30	34	26	30	34	26	30	34	22	26	22	26	22	26	40	45	50	32	36	40	36	40	45	26	30	34	32	36	40	26	30	34	26	30	34	22	26
Screw L/D Ratio	L/D	22.5	20	18	24	21	19	24	21	19	24	21	19	24	21	19	20	20	20	20	20	20	22.5	20	18	22.5	20	18	23.3	21	18.7	24	21	19	22.5	20	18	24	21	19	24	21	19	20	20
Shot Size (Theoretical)	cm ³	122	155	191	66	88	113	66	88	113	66	88	113	66	88	113	38	53	38	53	38	53	251	318	393	122	155	191	173	214	270	66	88	113	122	155	191	66	88	113	66	88	113	38	53
Injection Weight (PS)	g	111	141	174	60	80	103	60	80	103	60	80	103	60	80	103	35	48	35	48	35	48	228	289	358	111	141	174	157	195	246	60	80	103	111	141	174	60	80	103	60	80	103	35	48
Injection Rate	g/s	88	112	138	52	69	89	72	95	122	52	69	89	72	95	122	46	64	63	88	46	64	112	141	175	75	95	118	112	138	175	72	95	122	112	141	175	72	95	122	84	112	144	63	88
Plasticizing Capacity (PS)	g/s	11.4	15	18.2	6.1	8.3	11.2	7.3	10.0	13.4	6.1	8.3	11.2	7.3	10.0	13.4	3	5.3	3.6	6.4	3	5.3	17.1	22.8	28.6	10.1	13.3	16.1	16.7	20.4	27.1	7.3	10.0	13.4	11.4	15	18.2	7.3	10.0	13.4	7.3	10.0	13.4	3.6	6.4
Injection Pressure	MPa	225	178	144	237	178	138	237	178	138	237	178	138	237	178	138	268	192	268	192	268	192	225	178	144	225	178	144	225	182	144	237	178	138	225	178	144	237	178	138	237	178	138	268	192
Screw Speed	rpm	0-280		0-246		0-300		0-246		0-300		0-246		0-300		0-246		0-210		0-240		0-260		0-300		0-280		0-300		0-300		0-300		0-300											
CLAMPING UNIT																																													
Clamp Tonnage	kN													2000																															
Toggle Stroke	mm													410																															
Space Between Tie Bars	mm													825x505																															
Diameter of Rotational Mold Adapter	mm													Ø870																															
Bearing Capacity of Rotary Platen	t													0.8																															
Max.Mold Height	mm													470																															
Min. Mold Height	mm													180																															
Ejector Stroke	mm													110																															
Ejector Tonnage	kN													33x2																															
Distance Between Molds Positing Centers	mm													450																															
OTHERS																																													
Max. Pump Pressure	MPa	16																																											
Pump Motor Power	kW	13+7.5				11+7.5				11+7.5				11+7.5				15+11				15+11				15+11				13+11															
Heater Power	kW	10.5		5.9		5.9		5.9		5.9		5.4		6.8		5.4		6.8		5.4		6.8		11.65		10.5		12.6		5.9		10.5		5.9		5.9		5.4		6.8					
Machine Dimension(LxWxH)	m	5.6x2.0x2.08																																											
Machine Weight	t	9.6				9.5				9.5				9.4				12.1				12				11.9				11.8															
Hopper Capacity	kg	25		25		25		25		25		25		25		25		25		25		25		25		25		25		25		25		25											
Oil Tank Capacity	l	280												350																															

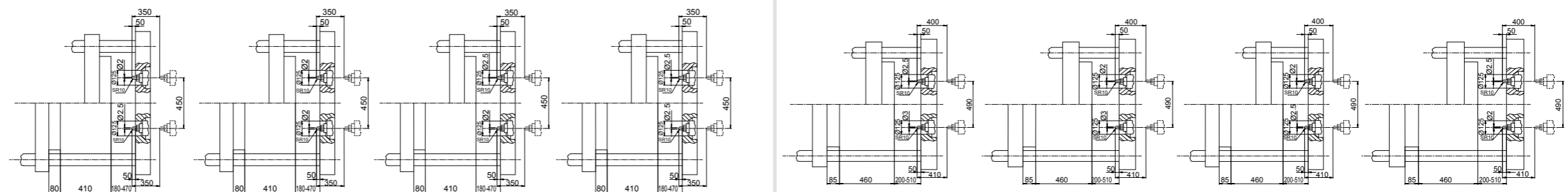
Platen dimensions

Moving platen



Platen dimensions

Mounting hole for robot/sprue picker top view from fixed platen



We reserve the right to make changes as a result of further technical advantages.

Note: there is a ejector hole (M16) on the mold ejector plate, which is used for installing ejector transitional pin.

Note: there is a ejector hole (M16) on the mold ejector plate, which is used for installing ejector transitional pin.

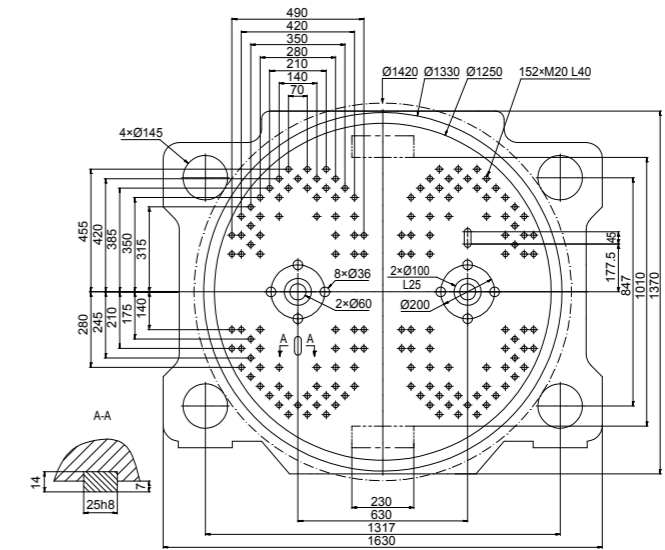
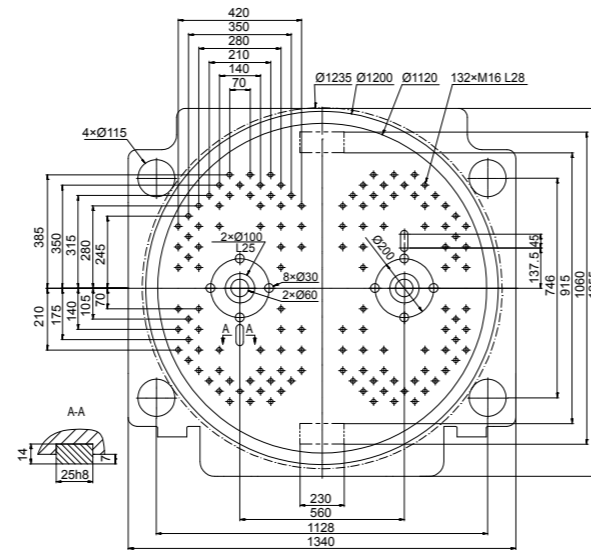
Specification

Turntable multi-color machine with wide mold platen

INJECTION UNIT	IA3600 II / b-j																IA5300 II / b-j																			
	Type 1				Type 2				Type 3				Type 4				Type 1				Type 2				Type 3											
	720		280		570		280		390		160		280		160		2350		390		1300		390		720		280									
	A	B	C	A	B	C	A	B	C	A	B	C	A	B	C	A	B	C	A	B	C	A	B	C	A	B	C	A	B	C	A	B	C	A	B	C
Screw Diameter	mm																																			
Screw L/D Ratio	L/D																																			
Shot Size (Theoretical)	cm ³																																			
Injection Weight (PS)	g																																			
Injection Rate	g/s																																			
Plasticizing Capacity (PS)	g/s																																			
Injection Pressure	MPa																																			
Screw Speed	rpm																																			
CLAMPING UNIT																																				
Clamp Tonnage	kN																kN																			
Toggle Stroke	mm																mm																			
Space Between Tie Bars	mm																mm																			
Diameter of Rotational Mold Adapter	mm																mm																			
Bearing Capacity of Rotary Platen	t																t																			
Max.Mold Height	mm																mm																			
Min. Mold Height	mm																mm																			
Ejector Stroke	mm																mm																			
Ejector Tonnage	kN																kN																			
Distance Between Molds Positing Centers	mm																mm																			
OTHERS																																				
Max. Pump Pressure	MPa																																			
Pump Motor Power	kW																																			
Heater Power	kW																																			
Machine Dimension(LxWxH)	m																																			
Machine Weight	t																																			
Hopper Capacity	kg																																			
Oil Tank Capacity	l																																			

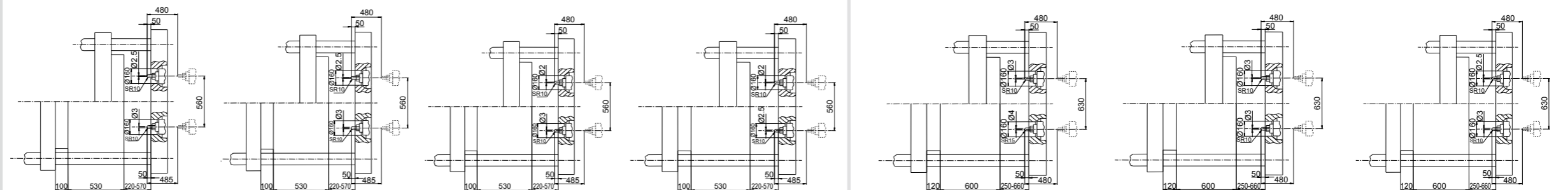
Platen dimensions

Moving platen



Platen dimensions

Mounting hole for robot/sprue picker top view from fixed platen



Note: there is a ejector hole (M16) on the mold ejector plate, which is used for installing ejector transitional pin.

Note: there is a ejector hole (M20) on the mold ejector plate, which is used for installing ejector transitional pin.

We reserve the right to make changes as a result of further technical advantages.

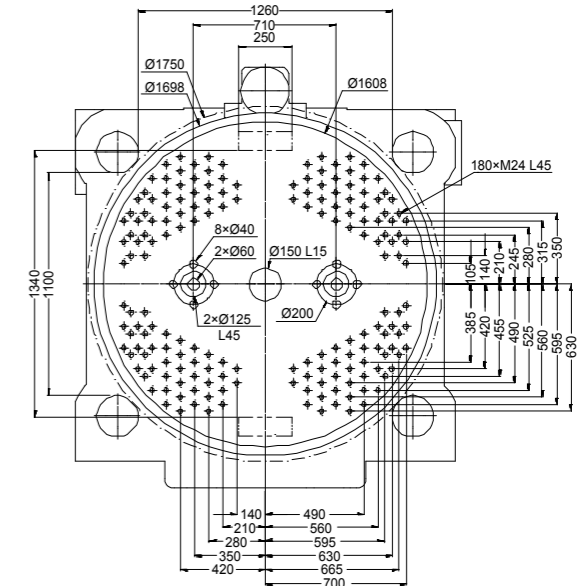
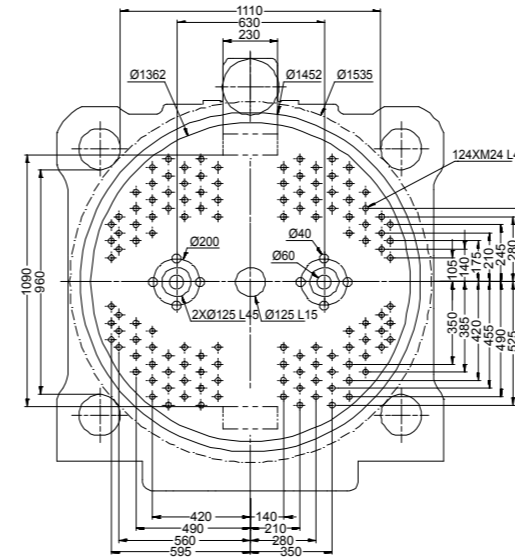
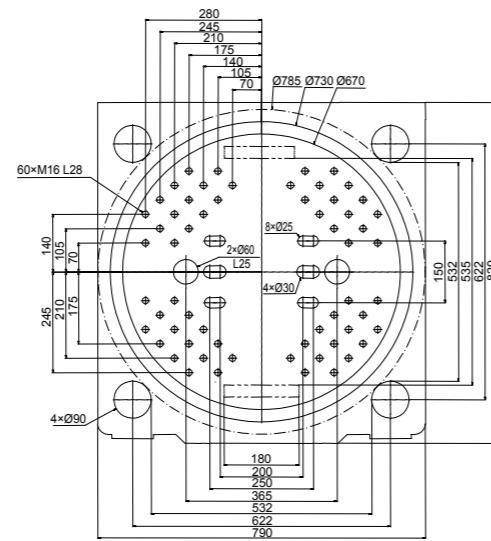
Specification

Turntable multi-color machine with narrow mold platen

	IA2000 II / n-j						IA7500 II / n-j						IA10800 II / n-j								
	280			280			2350			570			2350			720					
	A	B	C	A	B	C	A	B	C	A	B	C	A	B	C	A	B	C			
INJECTION UNIT																					
Screw Diameter	mm			mm			mm			mm			mm			mm			mm		
Screw L /D Ratio	L/D			L/D			L/D			L/D			L/D			L/D			L/D		
Shot Size (Theoretical)	cm ³			cm ³			cm ³			cm ³			cm ³			cm ³			cm ³		
Injection Weight (PS)	g			g			g			g			g			g			g		
Injection Rate	g/s			g/s			g/s			g/s			g/s			g/s			g/s		
Plasticizing Capacity (PS)	g/s			g/s			g/s			g/s			g/s			g/s			g/s		
Injection Pressure	MPa			MPa			MPa			MPa			MPa			MPa			MPa		
Screw Speed	rpm			rpm			rpm			rpm			rpm			rpm			rpm		
CLAMPING UNIT																					
Clamp Tonnage	kN			kN			kN			kN			kN			kN			kN		
Toggle Stroke	mm			mm			mm			mm			mm			mm			mm		
Space Between Tie Bars	mm			mm			mm			mm			mm			mm			mm		
Diameter of Rotational Mold Adapter	mm			mm			mm			mm			mm			mm			mm		
Bearing Capacity of Rotary Platen	t			t			t			t			t			t			t		
Max.Mold Height	mm			mm			mm			mm			mm			mm			mm		
Min. Mold Height	mm			mm			mm			mm			mm			mm			mm		
Ejector Stroke	mm			mm			mm			mm			mm			mm			mm		
Ejector Tonnage	kN			kN			kN			kN			kN			kN			kN		
Distance Between Molds Positing Centers	mm			mm			mm			mm			mm			mm			mm		
OTHERS																					
Max. Pump Pressure	MPa			MPa			MPa			MPa			MPa			MPa			MPa		
Pump Motor Power	kW			kW			kW			kW			kW			kW			kW		
Heater Power	kW			kW			kW			kW			kW			kW			kW		
Machine Dimension(LxWxH)	m			m			m			m			m			m			m		
Machine Weight	t			t			t			t			t			t			t		
Hopper Capacity	kg			kg			kg			kg			kg			kg			kg		
Oil Tank Capacity	l			l			l			l			l			l			l		

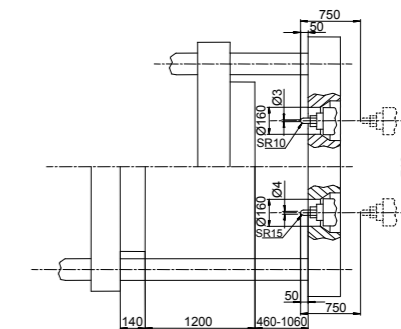
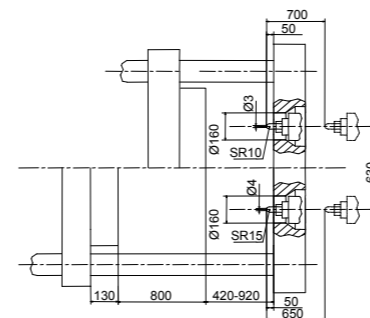
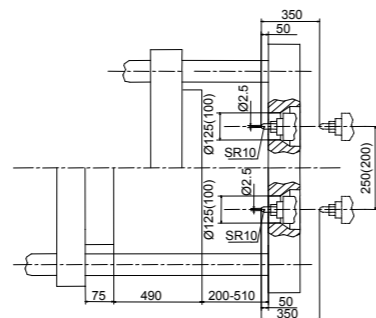
Platen dimensions

Moving platen



Platen dimensions

Mounting hole for robot/sprue picker top view from fixed platen



Note: there is a ejector hole (M12) on the mold ejector plate, which is used for installing ejector transitional pin.

Note: there is a ejector hole (M20) on the mold ejector plate, which is used for installing ejector transitional pin.

Note: there is a ejector hole (M20) on the mold ejector plate, which is used for installing ejector transitional pin.

We reserve the right to make changes as a result of further technical advantages.

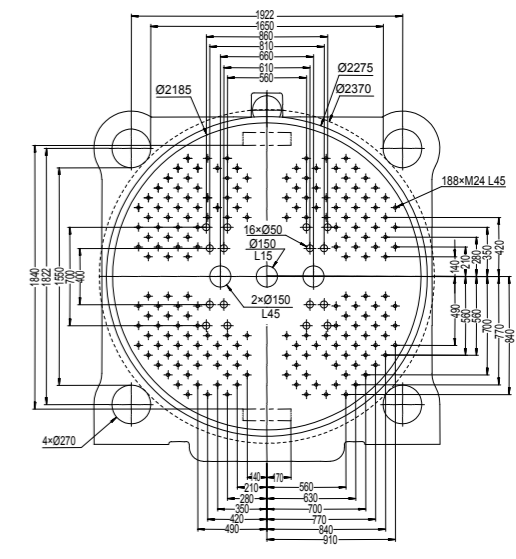
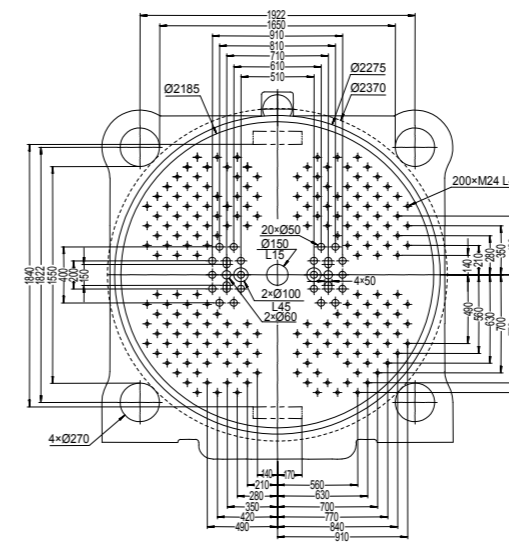
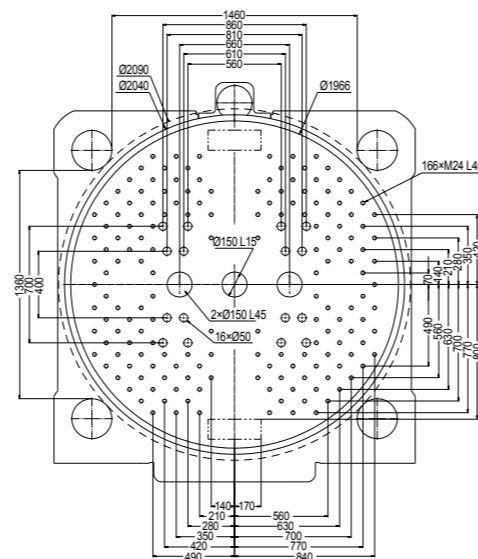
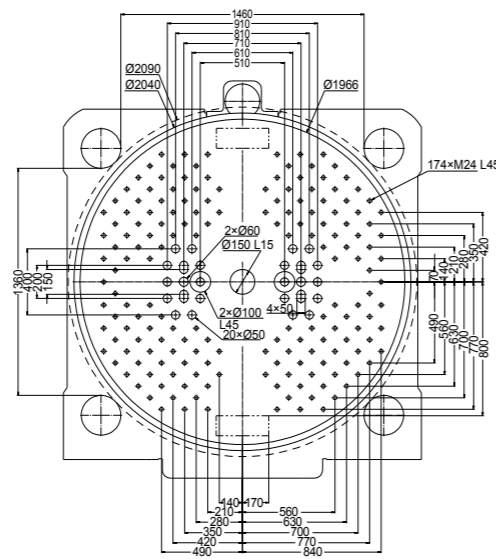
Specification

Turntable multi-color machine with narrow mold platen

INJECTION UNIT	IA14000 II / n-j						IA18500 II / n-j																	
	Type 1			Type 2			Type 1			Type 2														
	3150			980			3150			980			4350			1710			4350			1710		
	A	B	C	A	B	C	A	B	C	A	B	C	A	B	C	A	B	C	A	B	C	A	B	C
Screw Diameter	70	80	84	50	55	60	70	80	84	50	55	60	80	85	90	60	65	70	80	85	90	60	65	70
Screw L/D Ratio	22.9	20	19.1	22	20	18.3	22.9	20	19.1	22	20	18.3	22	20.7	19.6	21.7	20	18.7	22	20.7	19.6	21.7	20	18.7
Shot Size (Theoretical)	1424	1860	2050	471	570	679	1424	1860	2050	471	570	679	2212	2497	2799	792	929	1068	2212	2497	2799	792	929	1068
Injection Weight (PS)	1296	1693	1866	429	519	618	1296	1693	1866	429	519	618	2013	2272	2547	721	845	981	2013	2272	2547	721	845	981
Injection Rate	392	511	564	213	258	307	392	511	564	213	258	307	535	604	677	276	324	376	535	604	677	276	324	376
Plasticizing Capacity (PS)	62.8	82.8	90.9	38.6	47.3	56	62.8	82.8	90.9	38.6	47.3	56	73.1	80.7	92	51.1	56.7	64.4	73.1	80.7	92	51.1	56.7	64.4
Injection Pressure	221	169	153	207	171	144	221	169	153	207	171	144	196	174	155	215	183	158	196	174	155	215	183	158
Screw Speed	0-195			0-230			0-195			0-230			0-165			0-220			0-165			0-220		
CLAMPING UNIT																								
Clamp Tonnage	14000						14000						18500						18500					
Toggle Stroke	1600/2350						1600/2350						1700						1700					
Space Between Tie Bars	1460x1360						1460x1360						1650x1550						1650x1550					
Diameter of Rotational Mold Adapter	Ø1966						Ø1966						Ø2185						Ø2185					
Bearing Capacity of Rotary Platen	11						11						15						15					
Max.Mold Height	1300						1300						1450						1450					
Min. Mold Height	550						550						600						600					
Ejector Stroke	300						300						300						300					
Ejector Tonnage	156x2						156x2						156x2						156x2					
Distance Between Molds Positing Centers	710						710						710						710					
OTHERS																								
Max. Pump Pressure	21						21						17.5						17.5					
Pump Motor Power	75+37+7.5						75+37+7.5						110+45+7.5						110+45+7.5					
Heater Power	30			19.05			30			19.05			42.35			27			42.35			27		
Machine Dimension(LxWxH)	11.2x3.6x3.2						11.2x3.6x3.2						12.3x4.2x3.44						12.3x4.2x3.44					
Machine Weight	70						70						100						100					
Hopper Capacity	50			50			50			50			100			50			100			50		
Oil Tank Capacity	1300						1300						1920						1920					

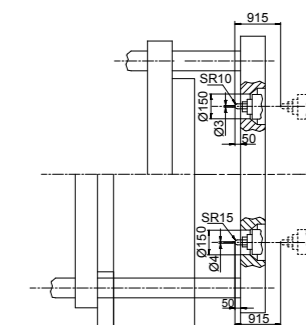
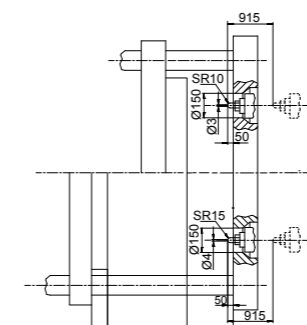
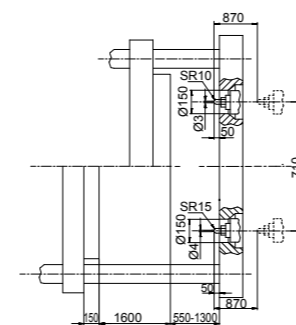
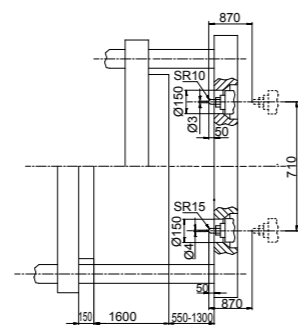
Platen dimensions

Moving platen



Platen dimensions

Mounting hole for robot/sprue picker top view from fixed platen



We reserve the right to make changes as a result of further technical advantages.

Note: there is a ejector hole (M20) on the mold ejector plate, which is used for installing ejector transitional pin.

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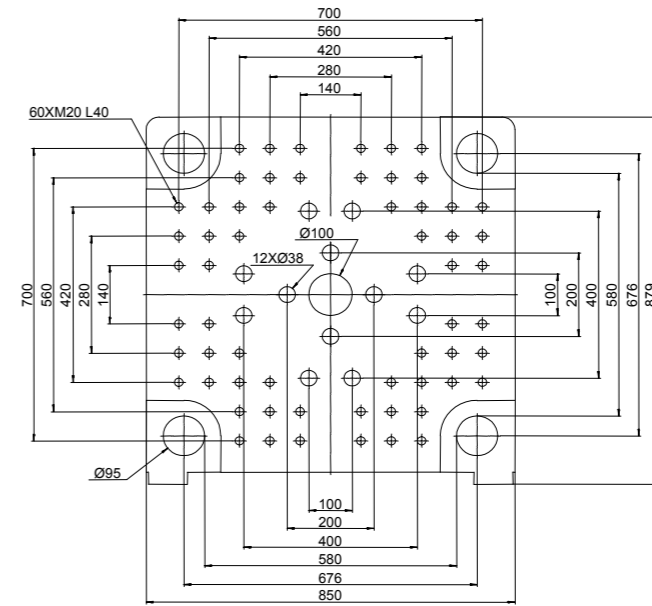
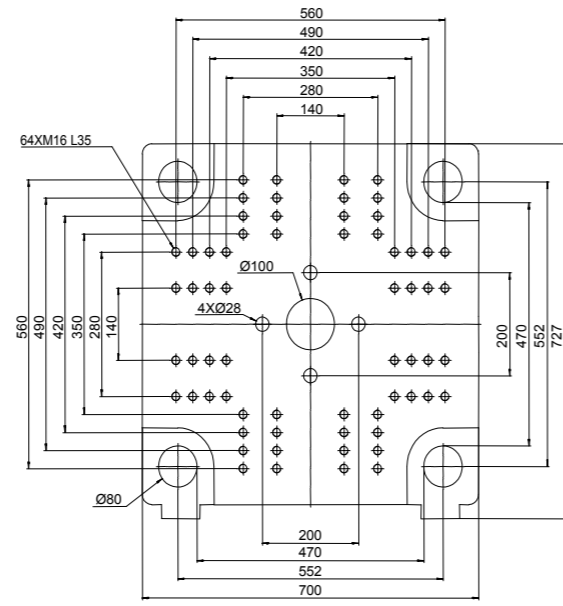
Specification

Sandwich/interval multi-color machine

INJECTION UNIT	IA1600 II / i-j												IA2500 II / i-j																		
	Type 1						Type 2(multi-color)						Type 1						Type 2(multi-color)						Type 3(multi-color)						
	390			280			390			100			720			390			720			280			720			160			
	A	B	C	A	B	C	A	B	C	A	B	C	A	B	C	A	B	C	A	B	C	A	B	C	A	B	C	A	B	C	
Screw Diameter	mm	36	40	45	32	36	40	36	40	45	22	26		45	50	55	36	40	45	45	50	55	32	36	40	45	50	55	26	30	34
Screw L/D Ratio	L/D	23.3	21	18.7	22.5	20	18	23.3	21	18.7	20	20		22.2	20	18.2	23.3	21	18.7	22.2	20	18.2	22.5	20	18	22.2	20	18.2	24	21	19
Shot Size (Theoretical)	cm ³	173	214	270	122	155	191	173	214	270	38	53		334	412	499	173	214	270	334	412	499	122	155	191	334	412	499	66	88	113
Injection Weight (PS)	g	157	195	246	111	141	174	157	195	246	35	48		304	375	454	157	195	246	304	375	454	111	141	174	304	375	454	60	80	103
Injection Rate	g/s	130	160	203	75	95	118	130	160	203	46	64		174	215	260	112	138	175	174	215	260	55	69	85	174	215	260	52	69	89
Plasticizing Capacity (PS)	g/s	17.8	21.7	28.8	10.1	13.3	16.1	17.8	21.7	28.8	3	5.3		26.2	33	40.3	16.4	20.0	26.5	26.2	33	40.3	7.3	9.6	11.6	26.2	33	40.3	6.1	8.3	11.2
Injection Pressure	MPa	225	182	144	225	178	144	225	182	144	268	192		215	174	144	225	182	144	215	174	144	225	178	144	215	174	144	237	178	138
Screw Speed	rpm	0-300			0-240			0-300			0-246			0-225			0-255			0-225			0-175			0-225			0-246		
CLAMPING UNIT																															
Clamp Tonnage	kN	1600												2500																	
Toggle Stroke	mm	430												540																	
Space Between Tie Bars	mm	470x470												580x580																	
Max.Mold Height	mm	520												580																	
Min. Mold Height	mm	180												220																	
Ejector Stroke	mm	140												150																	
Ejector Tonnage	kN	33												62																	
OTHERS																															
Max. Pump Pressure	MPa	16												16																	
Pump Motor Power	kW	7.5+11						11+7.5						7.5+15						15+7.5											
Heater Power	kW	28.7						23.5(25.9)						37.3						35.3											
Machine Dimension(LxWxH)	m	6.3x1.5x1.89						6.15						7.3x1.7x2.05						8.9											
Machine Weight	t	25						25						50						50											
Hopper Capacity	kg	25						25						50						50											
Oil Tank Capacity	l	280												380																	

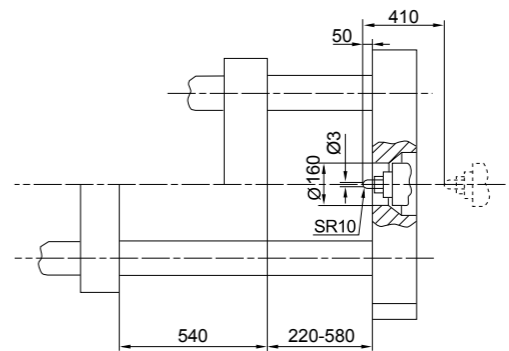
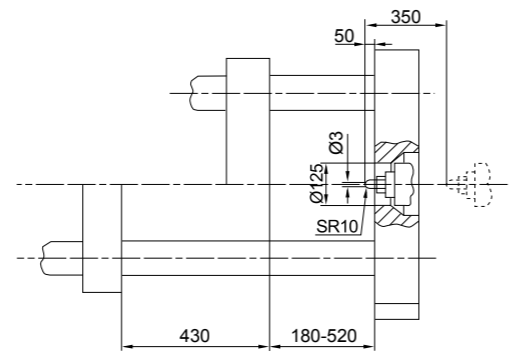
Platen dimensions

Moving platen



Platen dimensions

Mounting hole for robot/sprue picker top view from fixed platen



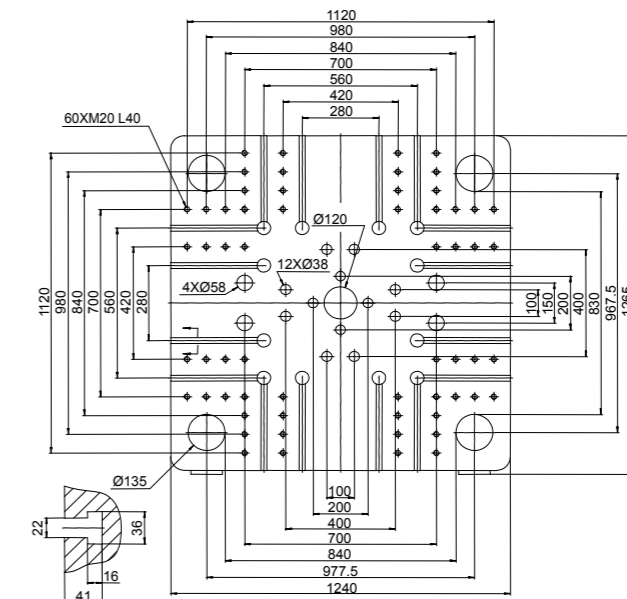
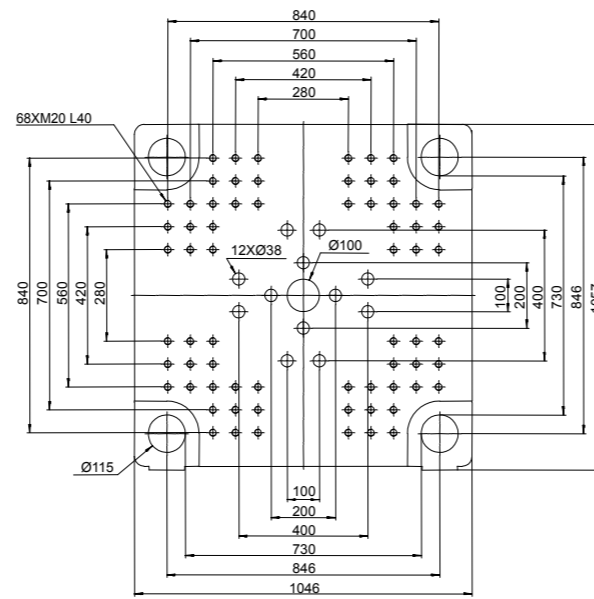
We reserve the right to make changes as a result of further technical advantages.

Specification

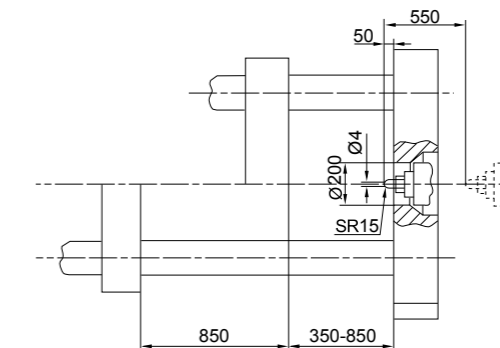
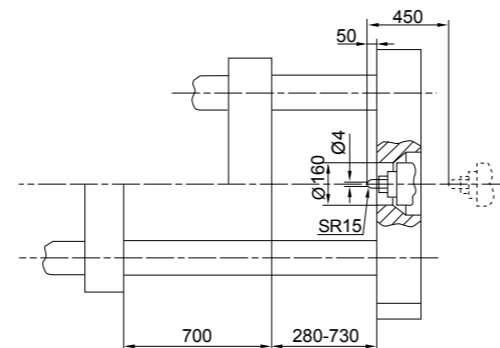
Sandwich/interval multi-color machine

INJECTION UNIT	IA3800 II / i-j												IA5300 II / i-j																							
	Type 1				Type 2 (multi-color)				Type 3 (multi-color)				Type 1				Type 2 (multi-color)				Type 3 (multi-color)															
	1710		980		1710		570		1710		280		3150		1710		3150		980		3150		570													
	A	B	C	A	B	C	A	B	C	A	B	C	A	B	C	A	B	C	A	B	C	A	B	C	A	B	C	A	B	C	A	B	C	A	B	C
Screw Diameter	60	65	70	50	55	60	60	65	70	40	45	50	60	65	70	32	36	40	70	80	84	60	65	70	70	80	84	50	55	60	70	80	84	40	45	50
Screw L/D Ratio	21.7	20	18.6	22	20	18.3	21.7	20	18.6	22.5	20	18	21.7	20	18.6	22.5	20	18	22.9	20	19.1	21.7	20	18.6	22.9	20	19.1	22	20	18.3	22.9	20	19.1	22.5	20	18
Shot Size (Theoretical)	792	929	1078	471	570	679	792	929	1078	251	318	393	792	929	1078	122	155	191	1424	1860	2050	792	929	1078	1424	1860	2050	471	570	679	1424	1860	2050	251	318	393
Injection Weight (PS)	721	845	981	429	519	618	721	845	981	228	289	358	721	845	981	111	141	174	1296	1693	1866	721	845	981	1296	1693	1866	429	519	618	1296	1693	1866	228	289	358
Injection Rate	329	386	447	245	296	353	329	386	447	88	112	138	293	344	399	55	69	85	416	544	599	283	332	385	416	544	599	150	181	216	366	478	526	88	112	138
Plasticizing Capacity (PS)	56.2	62.4	70.8	38.6	47.3	56	56.2	62.4	70.8	13.6	18.0	22.7	51.1	56.7	64.4	7.3	9.6	11.6	62.8	82.8	90.9	51.1	56.7	64.4	62.8	82.8	90.9	24.5	30	35.5	57.8	76.1	83.6	13.6	18.0	22.7
Injection Pressure	215	183	158	207	171	144	215	183	158	225	178	144	215	183	158	225	178	144	221	169	153	215	183	158	221	169	153	207	171	144	221	169	153	225	178	144
Screw Speed	0-250			0-260			0-250			0-165			0-230			0-175			0-205			0-225			0-205			0-160			0-180			0-165		
CLAMPING UNIT																																				
Clamp Tonnage	3800															5300																				
Toggle Stroke	700															850																				
Space Between Tie Bars	730x730															840x830																				
Max. Mold Height	730															850																				
Min. Mold Height	280															350																				
Ejector Stroke	180															220																				
Ejector Tonnage	110															158																				
OTHERS																																				
Max. Pump Pressure	16															16																				
Pump Motor Power	13+30				30+13				30+7.5				18.5+37				37+18.5				37+13															
Heater Power	65.9				60.45				57.3				71.85				64.05				57.15															
Machine Dimension(LxWxH)	8.4x1.8x2.3															9.6x2.2x2.33																				
Machine Weight	15.5															27																				
Hopper Capacity	50	15.6	50	50	50	25	50	15.1	25	50	27.5	50	50	50	50	50	25	50	27.5	50	50	50	50	50	50	50	26.7	25								
Oil Tank Capacity	700															950																				

Platen dimensions
Moving platen



Platen dimensions
Mounting hole for robot/sprue picker top view from fixed platen



We reserve the right to make changes as a result of further technical advantages.

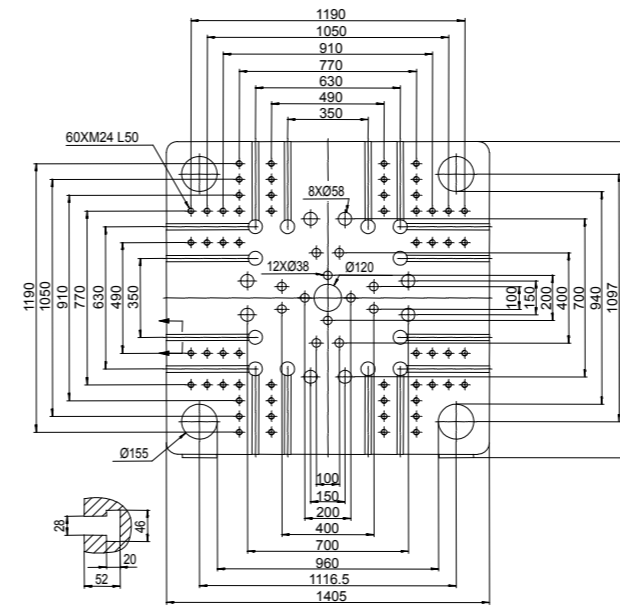
Specification

Sandwich/interval multi-color machine

		IA7000 II /i-j																	
		Type 1						Type 2 (multi-color)						Type 3 (multi-color)					
		4350			3150			4350			1710			4350			980		
		A	B	C	A	B	C	A	B	C	A	B	C	A	B	C	A	B	C
Screw Diameter	mm	80	85	90	70	80	84	80	85	90	60	65	70	80	85	90	50	55	60
Screw L/D Ratio	L/D	22	20.7	19.6	22.9	20	19.1	22	20.7	19.6	21.7	20	18.6	22	20.7	19.6	22	20	18.3
Shot Size (Theoretical)	cm ³	2212	2497	2799	1424	1860	2050	2212	2497	2799	792	929	1078	2212	2497	2799	471	570	679
Injection Weight (PS)	g	2013	2272	2547	1296	1693	1866	2013	2272	2547	721	845	981	2013	2272	2547	429	519	618
Injection Rate	g/s	552	624	699	330	431	475	570	643	721	236	277	321	469	529	593	150	181	216
Plasticizing Capacity (PS)	g/s	75	82.8	94.3	55	72.5	79.6	75	82.8	94.3	41.9	46.5	52.8	62.5	69	78.6	25.9	31.8	37.6
Injection Pressure	MPa	196	174	155	221	169	153	196	174	155	215	183	158	196	174	155	207	171	144
Screw Speed	rpm	0-175			0-165			0-175			0-185			0-140			0-160		
CLAMPING UNIT																			
Clamp Tonnage	kN	7000																	
Toggle Stroke	mm	970																	
Space Between Tie Bars	mm	960×940																	
Max.Mold Height	mm	940																	
Min. Mold Height	mm	400																	
Ejector Stroke	mm	260																	
Ejector Tonnage	kN	186																	
OTHERS																			
Max. Pump Pressure	MPa	16																	
Pump Motor Power	kW	22+45						37+30						37+18.5					
Heater Power	kW	91.1						84.8						80.3					
Machine Dimension (LxWxH)	m	10.9×2.3×2.45																	
Machine Weight	t	34																	
Hopper Capacity	kg	100			50			100			50			100			50		
Oil Tank Capacity	l	1120																	

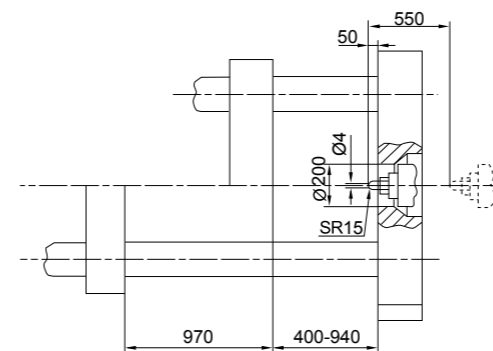
Platen dimensions

Moving platen



Platen dimensions

Mounting hole for robot/sprue picker top view from fixed platen



We reserve the right to make changes as a result of further technical advantages.

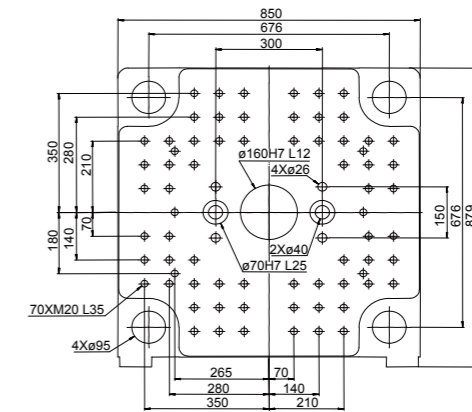
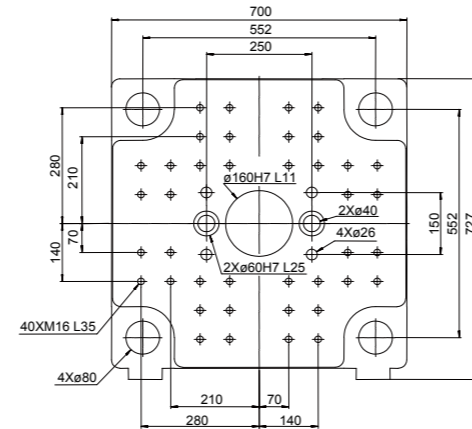
Specification

Rotating-shaft multi-color machine

	IA1600 II /p-j						IA2500 II /p-j						
	280			160			570			280			
	A	B	C	A	B	C	A	B	C	A	B	C	
INJECTION UNIT													
Screw Diameter	mm	32	36	40	26	30	34	40	45	50	32	36	40
Screw L /D Ratio	L/D	22.5	20	18	24	21	19	22.5	20	18	22.5	20	18
Shot Size (Theoretical)	cm ³	122	155	191	66	88	113	251	318	393	122	155	191
Injection Weight (PS)	g	111	141	174	60	80	103	228	289	358	111	141	174
Injection Rate	g/s	75	95	118	52	69	89	112	141	175	75	95	118
Plasticizing Capacity (PS)	g/s	10.1	13.3	16.1	6.1	8.3	11.2	17.1	22.8	28.6	10.1	13.3	16.1
Injection Pressure	MPa	225	178	144	237	178	138	225	178	144	225	178	144
Screw Speed	rpm	0-240			0-246			0-210			0-240		
CLAMPING UNIT													
Clamp Tonnage	kN	1600						2500					
Toggle Stroke	mm	430						540					
Space Between Tie Bars	mm	470x470						580x580					
Max.Mold Height	mm	485						570					
Min. Mold Height	mm	145						210					
Ejector Stroke	mm	120						120					
Ejector Tonnage	kN	22x2						28x2					
Core Axis Stroke	mm	120						120					
Core Axia Tonnage	kN	33						46					
Maximum Mold Core Inertia Allowed	kgm ²	3						5					
Distance Between Molds Positing Centers	mm	250						300					
OTHERS													
Max. Pump Pressure	MPa	16						16					
Pump Motor Power	kW	11+7.5						15+11					
Heater Power	kW	10.5			5.9			11.65			10.5		
Machine Dimension(LxWxH)	m	5.7x1.5x2.1						6.6x1.6x2.2					
Machine Weight	t	6.5						10					
Hopper Capacity	kg	25			25			25			25		
Oil Tank Capacity	l	280						380					

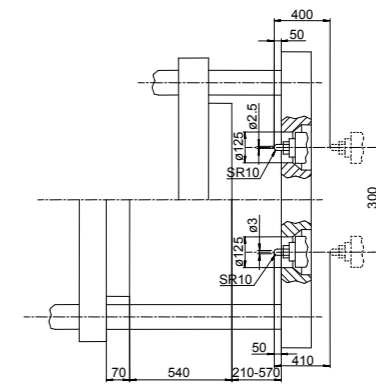
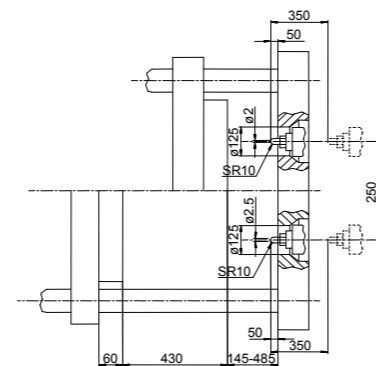
Platen dimensions

Moving platen



Platen dimensions

Mounting hole for robot/sprue picker top view from fixed platen



We reserve the right to make changes as a result of further technical advantages.