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Haitian Partner:

Haitian **Jupiter** II Series

HT 20140619-IV

HAITIAN
PLASTICS MACHINERY

Haitian **Jupiter** 2 Series

Medium two platen machine / Specifications

4500-10800KN

A Member of Haitian International

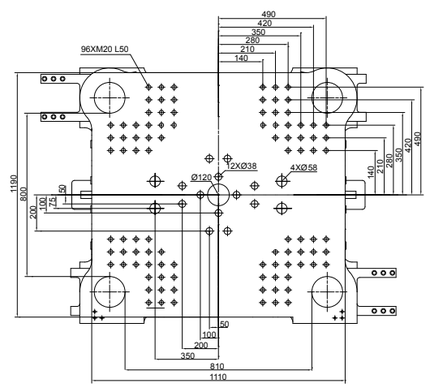
We Create Advantage.

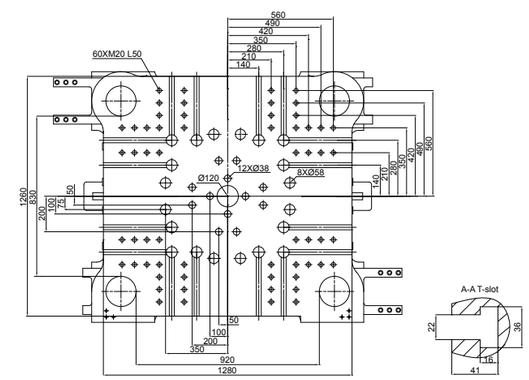
Specification

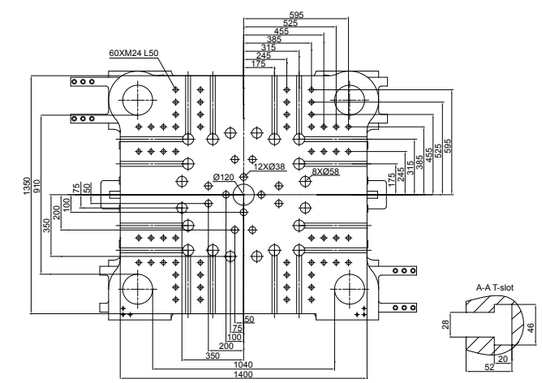
		JU4500 II /2250				JU5500 II /2950				JU6500 II /4500			
INJECTION UNIT		A	B	C	D	A	B	C	D	A	B	C	D
Screw Diameter	mm	65	70	75	80	70	80	84	90	80	85	90	100
Screw L/D Ratio	L/D	21.5	20	18.7	17.5	22.9	20	19.1	17.8	22	20.7	19.6	17.6
Shot Size (Theoretical)	cm^3	1068	1239	1423	1619	1424	1860	2050	2354	2212	2497	2799	3456
Injection Weight (PS)	g	972	1127	1295	1473	1296	1693	1866	2142	2013	2272	2547	3145
Injection Rate	g/s	349	405	464	528	417	545	600	689	543	613	687	849
Injection Pressure	Mpa	213	184	160	141	212	163	147	128	199	177	158	128
Plasticizing Capacity(ps)	g/s	58.6	67.3	76.1	84.4	64.7	76.8	84.3	95.3	64.7	71.5	81.4	99.5
Screw Speed	rpm	0-220				0-180				0-160			
CLAMPING UNIT													
Clamp Tonnage	KN	4500				5500				6500			
Space Between Tie Bars	mm	810×800				920×830				1040×910			
Max.Mold Height	mm	850				900				950			
Min. Mold Height	mm	350				350				400			
Ejector Stroke	mm	250				250				250			
Ejector Tonnage	KN	110				110				110			
Max. Daylight	mm	1400				1650				1750			
Mould Opening Stroke ∗	mm	1050/550				1300/750				1350/800			
Max. mold weight∗∗	t	6.5				8				9.5			
OTHERS													
Max. Pump Pressure	Mpa	21				21				21			
Pump Motor Power	Kw	45+3.75				55+3.75				65+3.75			
Heater Power	Kw	28.2				31.5				42.35			
Machine Dimension(L×W×H)	m	5.8×2.1×2.3				6.6×2.3×2.3				7.4×2.5×2.7			
Machine Weight	t	23				27				30			
Hopper Capacity	Kg	50				50				100			
Oil Tank Capacity	l	500				700				800			

Platen dimensions

Moving platen

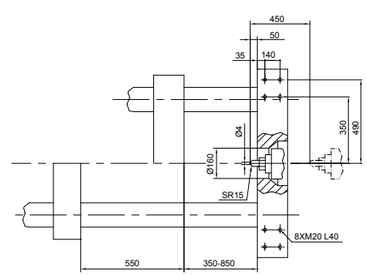


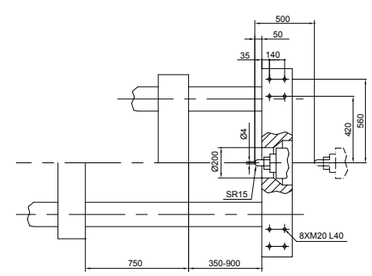


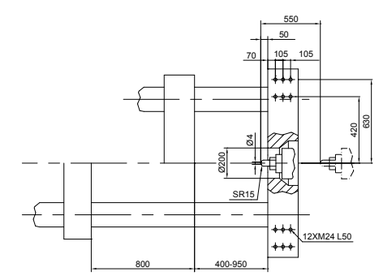


Platen dimensions

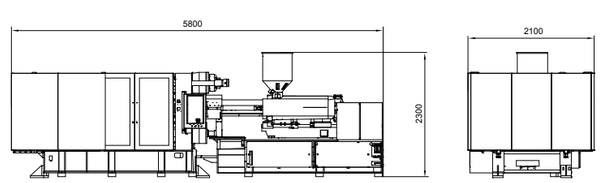
Mounting hole for robot/sprue picker top view from fixed platen

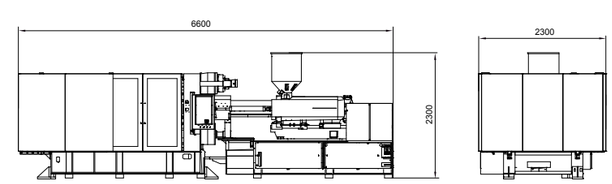


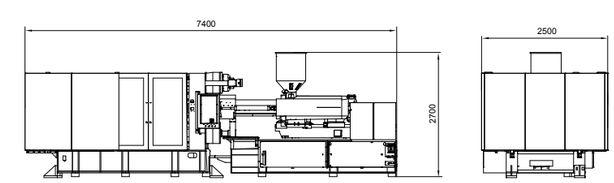




Machine dimensions







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

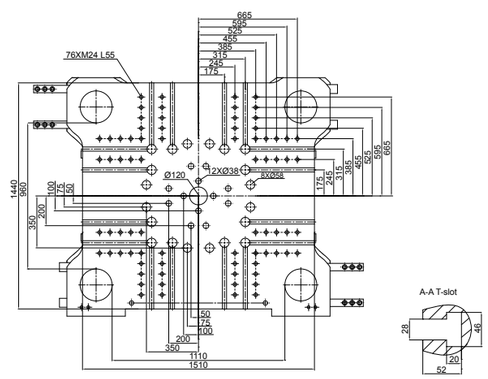
Note: Mold Opening Stroke（Min. Mold Height)/Mold Opening Stroke(Max.Mold Height)
Moving Platen load-bearing: 2/3 of Max. Tool Weight

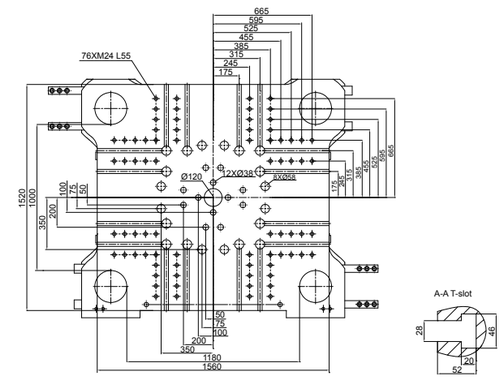
Specification

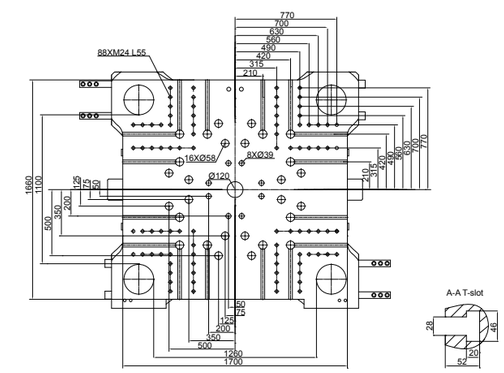
		JU7500 II /5000				JU9000 II /6800				JU10800 II /8400			
INJECTION UNIT		A	B	C	D	A	B	C	D	A	B	C	D
Screw Diameter	mm	80	90	100	110	90	100	110	120	100	110	120	130
Screw L/D Ratio	L/D	24.8	22	19.8	18	24.4	22	20	18.3	24.2	22	20.2	18.6
Shot Size (Theoretical)	cm^3	2262	2863	3534	4276	2990	3691	4467	5316	4006	4847	5768	6769
Injection Weight (PS)	g	2058	2605	3216	3891	2721	3359	4065	4838	3645	4410	5249	6160
Injection Rate	g/s	487	616	761	921	526	650	787	936	682	825	982	1153
Injection Pressure	Mpa	225	178	144	119	235	190	157	132	220	182	153	130
Plasticizing Capacity(ps)	g/s	70.9	88.9	109	129	78.2	95.9	114	133	101	121	140	161
Screw Speed	rpm	0-145				0-118				0-115			
CLAMPING UNIT													
Clamp Tonnage	KN	7500				9000				10800			
Space Between Tie Bars	mm	1110×960				1180×1000				1260×1100			
Max.Mold Height	mm	950				1100				1200			
Min. Mold Height	mm	450				500				600			
Ejector Stroke	mm	300				300				350			
Ejector Tonnage	KN	195				195				230			
Max. Daylight	mm	1850				2100				2400			
Mould Opening Stroke ＊	mm	1400/900				1600/1000				1800/1200			
Max. mold weight＊＊	t	11				13				16			
OTHERS													
Max. Pump Pressure	Mpa	21				21				21			
Pump Motor Power	Kw	45+22+7.5				55+22+7.5				55+37+7.5			
Heater Power	Kw	49.25				63.75				71.55			
Machine Dimension(L×W×H)	m	8.2×2.7×2.7				9.0×3.1×2.8				9.5×3.3×3			
Machine Weight	t	33				40				45			
Hopper Capacity	Kg	100				100				100			
Oil Tank Capacity	l	1000				1100				1300			

Platen dimensions

Moving platen

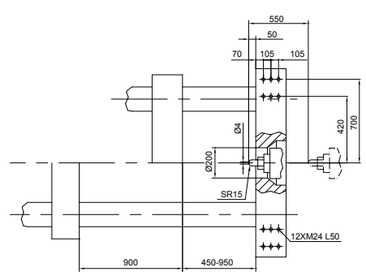


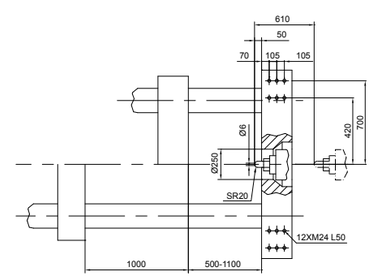


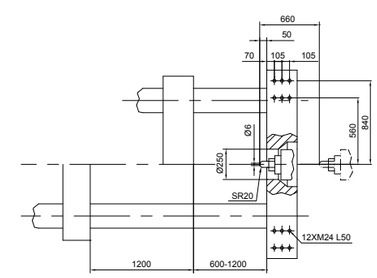


Platen dimensions

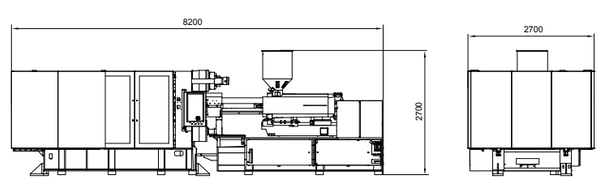
Mounting hole for robot/sprue picker top view from fixed platen

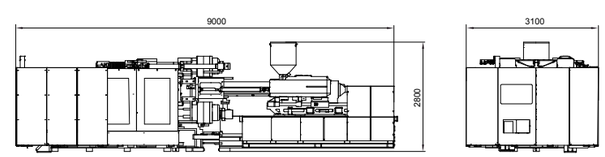


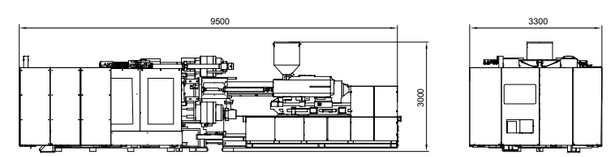




Machine dimensions







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Note: Mold Opening Stroke（Min. Mold Height)/Mold Opening Stroke(Max.Mold Height)
Moving Platen load-bearing: 2/3 of Max. Tool Weight

List of Medium-size JU Ⅱ Machines

CLAMPING UNIT (kN) / INJECTION UNIT	2250	2950	4400	5000	6800	8400
JU4500	■					
JU5500		■				
JU6500			■			
JU7500				■		
JU9000					■	
JU10800						■

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NOTE: