

TECHNICAL SPECIFICATIONS TABLE

MACHINE		RA HT68			RA HT80			RA HT100			RA HT140			RA HT168			RA HT180			RA HT230		
INJECTION UNIT	Unit	A	B	C	A	B	C	A	B	C	A	B	C	A	B	C	A	B	C	A	B	C
SCREW DIAMETER	mm	26	30	34	28	32	35	35	38	42	36	38	42	40	45	48	42	46	50	50	55	60
SCREW L/D RATIO	L/D	24	21	19	22.9	20.0	18.3	21.7	20.0	18.1	22.8	21.6	19.5	23.6	21	19.7	23	21	19.3	24.0	21.8	20.0
SHOTSIZE (THEORETICAL)	cm <sup>3</sup>	66	88	113	98	128	153	158	186	227	203	227	277	283	358	407	312	375	443	488	591	703
INJECTION WEIGHT(PS)	g	60	80	103	89	116	139	144	169	207	185	206	252	257	326	371	284	341	403	444	538	640
	oz	2.1	2.8	3.6							6.5	7.3	8.9	9.1	11.5	13.1	10	12	14.2			
INJECTION RATE	g/s	75	82	86							93	118	126	122	137	150	118	142	167			
	cm <sup>3</sup> /s				56/69	74/90	88/108	84/95	99/112	121/137											133/152	160/184
PLASTICIZING CAPACITY	g/s	7.4	8.9	9.4							15	18.2	19.6	18.5	21.7	23.8	19.5	23.6	26.8			
INJECTION PRESSURE	Bar	2450	1840	1430	2360	1807	1511	1939	1645	1347	2100	1720	1480	215	1890	1490	2050	1820	1660	2230	1843	1549
INJECTION STROKE	mm				159			164												249		
SCREW SPEED	rpm	255			0-189/0-230			0-187/0-212			220			200			1800			0-154/0-175		
<b>CLAMPING UNIT</b>																						
CLAMPING FORCE	kn	680			800			1000			1400			1680			1800			2300		
MOLD OPEN STROKE	mm	275			300			320			360			425			450			510		
SPACE BETWEEN TIE BAR	mm	310 x 310			320 x 320			360 x 360			420 x 405			460 x 460			480x460			560 x530		
MAX. MOLD HEIGHT	mm	320			320			350			420			500			530			550		
MIN. MOLD HEIGHT	mm	120			100			100			150			180			200			200		
EJECTOR STROKE	mm	75			100			100			120			130			140			135		
EJECTOR FORCE	kn	33			38			38			33			45			55			62		
NO. OF EJECTOR PINS	piece				5			5												9		
<b>OTHERS</b>																						
MAX. PUMP PRESSURE	Mpa	16			16			16			16			16			16			16		
PUMP MOTOR POWER	kw	7.5			7.5 / 11.0			11.0/13.0			13			15			18.5			18.5 /22.0		
HEATER POWER	kw	5.2			6			7			6.1			9.3			9.8			16		
MACHINE DIMENSION	m	4.05 x 1.1 x 1.65			3.73 x 1.1 x 1.95			3.9 x 1.1 x 2			4.8 x 1.35 x 1.8			5.4 x 1.44 x 1.9			5.5x1.44x1.9			5.76 x 1.37 x 2.2		
MACHINE WEIGHT	T	2.5			2.7			3.1			4			5.4			5.8			7.3		
PLATTEN DIMENSION (L*W)	mm	480*480			532*532			610*610			580*580			670*670			730*715			870*870		
OIL TANK CAPACITY	L	170			180			180			230			260			280			400		
HOPPER CAPACITY	kg				25			25												50		

**TECHNICAL SPECIFICATIONS TABLE**

MACHINE		RA HT 280			RA HT300			RA HT320			RA HT380			RA HT420				RA HT 450		
INJECTION UNIT	Unit	A	B	C	A	B	C	A	B	C	A	B	C	A	B	C	D	A	B	C
SCREW DIAMETER	mm	50	55	60	55	60	65	62	67	72	60	65	70	65	70	75	80	70	75	80
SCREW L/D RATIO	L/D	23.1	21	19.3	22.9	21	19.4	22.7	21.0	19.5	22.8	21	19.5	23.7	22	20.5	19.3	23.6	22	20.6
SHOTSIZE (THEORETICAL)	cm <sup>3</sup>	540	653	778	700	832	978	827	966	1116	921	1082	1255	1201	1393	1599	1819	1500	1723	1960
INJECTION WEIGHT(PS)	g	491	595	708	637	757	890	753	879	1015	838	993	1142	1093	1268	1455	1656	1365	1567	1784
	oz	17.3	21	25	22.5	26.7	31.3				29.5	35	40.2	38.5	44.7	51.3	58.3	48.1	55.3	62.9
INJECTION RATE	g/s	193	229	259	237	283	332				288	338	392	300	348	400	455	344	395	449
	cm <sup>3</sup> /s							890	1040	1201										
PLASTICIZING CAPACITY	g/s	28.9	31.6	34.7	38.5	45.4	52.2				42	52.2	63.9	37.4	43.4	49.8	56.7	60.3	65.1	70.2
INJECTION PRESSURE	Bar	2050	1690	1420	2140	1800	1520	1724	1476	1278	2130	1820	1570	2080	1800	1560	1380	2080	1800	1560
INJECTION STROKE	mm							274												
SCREW SPEED	rpm	180			220			0~1670/0~211			165			150				145		
<b>CLAMPING UNIT</b>																				
CLAMPING FORCE	kn	2800			3000			3200			3800			4200				4500		
MOLD OPEN STROKE	mm	540			600			640			620			700				740		
SPACE BETWEEN TIE BAR	mm	575 x 575			620x600			670x650			660 x 660			720 x 720				760x760		
MAX. MOLD HEIGHT	mm	600			660			660			700			780				8000		
MIN. MOLD HEIGHT	mm	230			250			250			250			280				300		
EJECTOR STROKE	mm	140			140			167			150			180				200		
EJECTOR FORCE	kn	71			71			70			126			126				110		
NO. OF EJECTOR PINS	piece							13												
<b>OTHERS</b>																				
MAX. PUMP PRESSURE	Mpa	16			16			16			16			16				16		
PUMP MOTOR POWER	kw	22			30			30.0/37.0			37			37				45		
HEATER POWER	kw	16			18.3			20			20.4			23.5				29.3		
MACHINE DIMENSION	m	6.5 x 1.7 x 2.1			6.52x1.85x2.08			6.88 x 1.6 x 2.45			7.6 x 1.9 x 2.4			8.1 x 2.1 x 2.9				8.3x2.1x3.0		
MACHINE WEIGHT	T	8.1			9.5			11.5			12.7			16				17		
PLATTEN DIMENSION (L*W)	mm	845*845			940*920			980*960			960*960			1185*1185				1130*1140		
OIL TANK CAPACITY	L	415			550			600			660			800				900		
HOPPER CAPACITY	kg							50												

**TECHNICAL SPECIFICATIONS TABLE**

MACHINE		RA HT500			RA HT550			RA HT650				RA HT700			RA HT850		
INJECTION UNIT	Unit	A	B	C	A	B	C	A	B	C	D	A	B	C	A	B	C
SCREW DIAMETER	mm	75	80	85	75	80	85	75	84	90	95	80	90	100	90	100	110
SCREW L/D RATIO	L/D	23.5	22	20.7	22.4	21	19.6	23.5	21	19.6	18.6	24.8	22	19.8	24.4	22.0	20.0
SHOTSIZE (THEORETICAL)	cm <sup>3</sup>	1762	2005	2263	1948	2217	2502	1988	2494	2863	3190	2372	3002	3706	3238	3997	4836
INJECTION WEIGHT(PS)	g	1604	1825	2060	1773	2017	2277	1810	2270	2605	2903	2158	2732	3373	2946	3637	4401
	oz				62.5	71.2	80.3	60	74.8	83	94						
INJECTION RATE	g/s				365	468	510	401	496	570	660						
	cm <sup>3</sup> /s	382/457	434/520	490/587								1507	1908	2355	599/717	740/885	895/1070
PLASTICIZING CAPACITY	g/s				59	78.5	82.3	54	66	71.5	84.6						
INJECTION PRESSURE	Bar	1865	1639	1452	1800	1630	1440	2050	1630	1420	1280	2240	1770	1434	2184	1769	1462
INJECTION STROKE	mm	399										470			509		
SCREW SPEED	rpm	0-153/0-183			145			130				0-132/0-169			0-103/0-123		
<b>CLAMPING UNIT</b>																	
CLAMPING FORCE	kn	5000			5500			6500				7000			8500		
MOLD OPEN STROKE	mm	770			770			835				900			1000		
SPACE BETWEEN TIE BAR	mm	800 X 800			820 x 800			880x840				900 X 900			1000x1000		
MAX. MOLD HEIGHT	mm	800			830			880				920			1000		
MIN. MOLD HEIGHT	mm	250			350			330				320			350		
EJECTOR STROKE	mm	231			200			250				245			280		
EJECTOR FORCE	kn	152			145			166				181			212		
NO. OF EJECTOR PINS	piece	13										17			21		
<b>OTHERS</b>																	
MAX. PUMP PRESSURE	Mpa	16			16			16				16			16		
PUMP MOTOR POWER	kw	45.0 / 55.0			45			55				30+37 / 30+55			37+45/45+55		
HEATER POWER	kw	30			36.5			42				45			58		
MACHINE DIMENSION	m	8.42 x 1.78 x 2.6			8.5 x 2.13 x 3.1			9.3 x 2.3 x 3.5				9.9 x 2.35 x 2.72			10.8 x 2.72 x 2.75		
MACHINE WEIGHT	T	20.3			21			28				32			46.0		
PLATTEN DIMENSION (L*W)	mm	1175*1175			1185*1070			1250*1250				1340*1340			1470*1470		
OIL TANK CAPACITY	L	900			1150			1280				1300			1500		
HOPPER CAPACITY	kg	100										160			160		

**TECHNICAL SPECIFICATIONS TABLE**

MACHINE		RA HT900				RA HT1000			RA HT1200				RA HT 1300				RA HT1500		
INJECTION UNIT	Unit	A	B	C	D	A	B	C	A	B	C	D	A	B	C	D	A	B	C
SCREW DIAMETER	mm	90	100	110	120	100	110	120	110	115	120	125	110	1200	130	140	120	130	140
SCREW L/D RATIO	L/D	24.4	22	20	18.3	24.2	22.0	20.2	21.5	20	19.2	18.4	26.2	24	22.2	20.6	23.8	22.0	20.4
SHOTSIZE (THEORETICAL)	cm3	2900	3581	4334	5157	4155	5027	5983	4604	5032	5480	5945	5512	6560	7698	8928	6774	7950	9220
INJECTION WEIGHT(PS)	g	2639	3258	3944	4693	3781	4575	5444	4190	4579	4987	5410	5016	5969	7006	8125	6164	7235	8390
	oz	93.1	114.5	138.5	165				147.7	161.5	175.9	190.8	177	211	247	287			
INJECTION RATE	g/s	550	679	821	929				793	867	944	1024	812	967	1135	1316			
	cm3/s					698/811	845/981	1006/1168										872/987	1023/1158
PLASTICIZING CAPACITY	g/s	70	86.5	97.5	104				122	134	146	158	106	126	148	172			
INJECTION PRESSURE	Bar	2280	1840	1520	1280	2101	1736	1459	1860	1700	1560	1440	2090	1760	1500	1290	1955	1666	1437
INJECTION STROKE	mm					529											599		
SCREW SPEED	rpm	110				0~105/0~122			100				90				0~98/0~122		
<b>CLAMPING UNIT</b>																			
CLAMPING FORCE	kn	9000				10000			12000				13000				15000		
MOLD OPEN STROKE	mm	980				1100			1100				1260				1250		
SPACE BETWEEN TIE BAR	mm	980x980				1150x1150			1100X1100				1250X1250				1360x1200		
MAX. MOLD HEIGHT	mm	1000				1100			1150				1280				1400		
MIN. MOLD HEIGHT	mm	400				400			520				530				600		
EJECTOR STROKE	mm	280				323			320				350				350		
EJECTOR FORCE	kn	212				282			235				254				282		
NO. OF EJECTOR PINS	piece					21											25		
<b>OTHERS</b>																			
MAX. PUMP PRESSURE	Mpa	16				16			16				16				16		
PUMP MOTOR POWER	kw	37+45				45+45/55+55			45+45				55+55				55+55/55+75		
HEATER POWER	kw	60.3				68			70				86.3				71		
MACHINE DIMENSION	m	10.8x2.65x3.75				12.1x2.88x3.54			12.3X2.9X3.3				13.2X3.1X4.1				13.7x3.2x3.64		
MACHINE WEIGHT	T	43				55.0			60				66				69.0		
PLATTEN DIMENSION (L*W)	mm	1460*1260				1640*1670			1740*1705				1810*1860				1950*1850		
OIL TANK CAPACITY	L	1680				2200			1950				2200				2500		
HOPPER CAPACITY	kg					200											200		