

PARAMETER	UNIT	ARMOUR 450 - 2C				ARMOUR 600 - 2C			
		HEAD MIXING		BARREL MIXING		HEAD MIXING		BARREL MIXING	
INJECTION UNIT		3700	664	3700	230	5700	664	5700	230
Screw Diameter	mm	100	50	100	50	110	60	110	50
Injection Pressure	bar	1176	1782	1176	868	1333	1236	1333	868
Stroke Volume	cc	3142	373	3142	265	4276	537	4276	265
Screw Stroke	mm	400	190	400	135	450	190	450	135
Max. Injected Weight (GPPS)	gms.	2985	354	2985	252	4063	510	4063	252
Effective Max. Injected Weight (GPPS)	gms.	3339		2985		4573		4063	
Injection Rate (Servo Drive)	cc/s	679	100	679	262	786	144	786	262
Injection Rate (Vdp drive)	cc/s	574	103	574	175	915	148	915	175
Plasticising Rate (GPPS) @ Max. Speed (Servo Drive)	g/s	100	38	100	30	150	43	150	30
Plasticising Rate (GPPS) @ Max. Speed(Vdp drive)	g/s	80	38	80	25	160	48	160	25
Screw Speed - Max. (Servo Drive)	rpm	175	235	175	225	120	220	120	225
Screw Speed - Max. (Vdp Drive)	rpm	150	235	150	200	140	245	140	200
L/D Ratio		18	19.8	18	16	18.2	18.3	18.2	16
Heating Capacity	kW	36.9	15.3	36.9	9.2	50.2	15.3	50.2	9.2
No. of Heating Zones	no.	7	5	7	5	7	6	7	5
Nozzle Protrusion	mm	50		175		50		175	
Nozzle Contact Force	kN	150		150		150		150	
CLOSING UNIT									
Clamping Force	ton	450		450		600		600	
Mould Opening Stroke	mm	760		760		900		900	
Mould Height (Min.-Max.)	mm	300 ~ 750		300 ~ 750		300 ~ 950		350 ~ 850	
Distance Between Platens - Max.	mm	1510		1510		1850		1750	
Distance between Tie-bars (H x V)	mm	800 x 720		800 x 720		900 x 820		900 x 820	
Clamping Platens (H x V)	mm	1165 x 1085		1165 x 1085		1315 x 1230		1315 x 1230	
Ejector Force	kN	80		80		80		80	
Ejector Stroke	mm	250		250		300		300	
GENERAL DATA									
Pump Drive (Servo Drive)#	kW	20.7		32.1		43.5		43.5	
Pump Drive (Vdp Drive)	kW	48.7		59.7		97.2		89.7	
Overall Dimensions (L x W x H) (Servo Drive)	mm	9200 x 1850 x 2650		9200 x 1850 x 2650		10100 X 2635 X 2890		10100 X 2635 X 2890	
Overall Dimensions (L x W x H) (Vdp Drive)	mm	9200 x 1850 x 2650		9200 x 1850 x 2650		10100 X 2635 X 2890		10100 X 2635 X 2890	
Total Connected Load (Servo Drive)	kW	72.9		78.2		109		102.9	
Total Connected Load (Vdp Drive)	kW	100.9		105.8		162.7		149.1	
Oil Tank Capacity	ltr	800		800		800		800	
Hopper Capacity	ltr	200	40	200	40	200	40	200	40
Machine Weight	ton	25		25		31		31	

Under Specified Condition.

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PARAMETER	UNIT	ARMOUR 700 - 2C				ARMOUR 700 - 2C			
		HEAD MIXING		BARREL MIXING		HEAD MIXING		BARREL MIXING	
INJECTION UNIT		5700	664	5700	230	7500	664	7500	230
Screw Diameter	mm	110	60	110	50	120	60	120	50
Injection Pressure	bar	1333	1236	1333	868	1327	1236	1327	868
Stroke Volume	cc	4276	537	4276	265	5655	537	5655	265
Screw Stroke	mm	450	190	450	135	500	190	500	135
Max. Injected Weight (GPPS)	gms.	4063	510	4063	252	5372	510	5372	252
Effective Max. Injected Weight (GPPS)	gms.	4573		4063		5882		5372	
Injection Rate (Servo Drive)	cc/s	786	144	786	262	789	144	789	262
Injection Rate (Vdp drive)	cc/s	915	148	915	175	919	148	919	175
Plasticising Rate (GPPS) @ Max. Speed (Servo Drive)	g/s	150	43	150	30	160	43	160	30
Plasticising Rate (GPPS) @ Max. Speed(Vdp drive)	g/s	160	48	160	25	170	48	170	25
Screw Speed - Max. (Servo Drive)	rpm	120	220	120	225	120	220	120	225
Screw Speed - Max. (Vdp Drive)	rpm	140	245	140	200	140	245	140	200
L/D Ratio		18.2	18.3	18.2	16	18.3	18.3	18.3	16
Heating Capacity	kW	50.2	15.3	50.2	9.2	64.4	15.3	64.4	9.2
No. of Heating Zones	no.	7	6	7	5	7	6	7	5
Nozzle Protrusion	mm	50		175		65		175	
Nozzle Contact Force	kN	150		150		150		150	
CLOSING UNIT		129.1							
Clamping Force	ton	700		700		700		700	
Mould Opening Stroke	mm	1000		1000		1000		1000	
Mould Height (Min.-Max.)	mm	400 ~ 950		400 ~ 950		400 ~ 950		400 ~ 950	
Distance Between Platens - Max.	mm	1950		1950		1950		1950	
Distance between Tie-bars (H x V)	mm	1000 x 940		1000 x 940		1000 x 940		1000 x 940	
Clamping Platens (H x V)	mm	1475 x 1410		1475 x 1410		1475 x 1410		1475 x 1410	
Ejector Force	kN	130		130		130		130	
Ejector Stroke	mm	300		300		300		300	
GENERAL DATA									
Pump Drive (Servo Drive)#	kW	43.5		43.5		43.5		43.5	
Pump Drive (Vdp Drive)	kW	97.2		89.7		97.2		89.7	
Overall Dimensions (L x W x H) (Servo Drive)	mm	10100 X 2635 X 2890		10100 X 2635 X 2890		10500 X 2635 X 2900		10500 X 2635 X 2900	
Overall Dimensions (L x W x H) (Vdp Drive)	mm	10100 X 2635 X 2890		10100 X 2635 X 2890		10500 X 2635 X 2900		10500 X 2635 X 2900	
Total Connected Load (Servo Drive)	kW	109		102.9		123.2		117.1	
Total Connected Load (Vdp Drive)	kW	162.7		149.1		176.9		163.3	
Oil Tank Capacity	ltr	800		800		800		800	
Hopper Capacity	ltr	200	40	200	40	200	40	200	40
Machine Weight	ton	34		34		36.5		36.5	

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PARAMETER	UNIT	ARMOUR 700 - 2C				ARMOUR 700 - 2C			
		HEAD MIXING		BARREL MIXING		HEAD MIXING		BARREL MIXING	
INJECTION UNIT		8800	664	8800	230	8800	664	8800	230
Screw Diameter	mm	120	60	120	50	120	60	120	50
Injection Pressure	bar	1470	1236	1470	868	1470	1236	1470	868
Stroke Volume	cc	5430	537	5430	265	5430	537	5430	265
Screw Stroke	mm	480	190	480	135	480	190	480	135
Max. Injected Weight (GPPS)	gms.	5157	510	5157	252	5157	510	5157	252
Effective Max. Injected Weight (GPPS)	gms.	5667		5157		5667		5157	
Injection Rate (Servo Drive)	cc/s	684	144	684	262	684	144	684	262
Injection Rate (Vdp drive)	cc/s		148		175		148		175
Plasticising Rate (GPPS) @ Max. Speed (Servo Drive)	g/s	180	43	180	30	180	43	180	30
Plasticising Rate (GPPS) @ Max. Speed(Vdp drive)	g/s		48		25		48		25
Screw Speed - Max. (Servo Drive)	rpm	130	220	130	225	130	220	130	225
Screw Speed - Max. (Vdp Drive)	rpm		245		200		245		200
L/D Ratio		20	18.3	20	16	20	18.3	20	16
Heating Capacity	kW	68	15.3	68	9.2	68	15.3	68	9.2
No. of Heating Zones	no.	6	6	6	5	6	6	6	5
Nozzle Protrusion	mm	240		160		240		160	
Nozzle Contact Force	kN	160		160		160		160	
CLOSING UNIT									
Clamping Force	ton	700		700		900		900	
Mould Opening Stroke	mm	1000		1000		1100		1100	
Mould Height (Min.-Max.)	mm	400 ~ 950		400 ~ 950		500 ~ 1200		500 ~ 1200	
Distance Between Platens - Max.	mm	1950		1950		2300		2300	
Distance between Tie-bars (H x V)	mm	1000 x 940		1000 x 940		1120 x 1020		1120 x 1020	
Clamping Platens (H x V)	mm	1475 x 1410		1475 x 1410		1620 x 1520		1620 x 1520	
Ejector Force	kN	130		130		130		130	
Ejector Stroke	mm	300		300		350		350	
GENERAL DATA									
Pump Drive (Servo Drive)#	kW	43.5		43.5		43.5		43.5	
Pump Drive (Vdp Drive)	kW	97.2		89.7		97.2		89.7	
Overall Dimensions (L x W x H) (Servo Drive)	mm	11400 x 2300 x 2900		11400 x 2300 x 2900		11650 x 2350 x 2900		11650 x 2350 x 2900	
Overall Dimensions (L x W x H) (Vdp Drive)	mm	11400 x 2300 x 2900		11400 x 2300 x 2900		11650 x 2350 x 2900		11650 x 2350 x 2900	
Total Connected Load (Servo Drive)	kW	126.8		120.7		126.8		120.7	
Total Connected Load (Vdp Drive)	kW	180.5		166.9		180.5		166.9	
Oil Tank Capacity	ltr	800		800		800		800	
Hopper Capacity	ltr	200	40	200	40	200	40	200	40
Machine Weight	ton	36.5		36.5		40.5		40.5	

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PARAMETER	UNIT	ARMOUR 900 - 2C				ARMOUR 900 - 2C			
		HEAD MIXING		BARREL MIXING		HEAD MIXING		BARREL MIXING	
INJECTION UNIT		10400	664	10400	230	14000	1310	14000	1310
Screw Diameter	mm	125	60	125	50	130	70	130	70
Injection Pressure	bar	1540	1238	1540	868	1750	1418	1750	1418
Stroke Volume	cc	6750	537	6750	265	7964	924	7964	924
Screw Stroke	mm	550	190	550	135	600	240	600	240
Max. Injected Weight (GPPS)	gms.	6412	510	6412	252	7566	877	7566	877
Effective Max. Injected Weight (GPPS)	gms.	6922		6412		8443		7566	
Injection Rate (Servo Drive)	cc/s	680	144	680	262	912	194	912	194
Injection Rate (Vdp drive)	cc/s	793	148	793	175	984	184	984	184
Plasticising Rate (GPPS) @ Max. Speed (Servo Drive)	g/s	170	43	170	30	200	55	200	55
Plasticising Rate (GPPS) @ Max. Speed(Vdp drive)	g/s	180	48	180	25	200	55	200	55
Screw Speed - Max. (Servo Drive)	rpm	120	220	120	225	150	160	150	160
Screw Speed - Max. (Vdp Drive)	rpm	140	245	140	200	150	160	150	160
L/D Ratio		19.2	18.3	19.2	16	20	16.8	20	16.8
Heating Capacity	kW	65.9	15.3	65.9	9.2	76.4	23.2	76.4	23.2
No. of Heating Zones	no.	7	6	7	5	7	6	7	6
Nozzle Protrusion	mm	65		175		65		175	
Nozzle Contact Force	kN	150		150		150		150	
CLOSING UNIT									
Clamping Force	ton	900		900		900		900	
Mould Opening Stroke	mm	1100		1100		1100		1100	
Mould Height (Min.-Max.)	mm	500 ~ 1200		500 ~ 1200		500 ~ 1200		500 ~ 1200	
Distance Between Platens - Max.	mm	2300		2300		2300		2300	
Distance between Tie-bars (H x V)	mm	1120 x 1020		1120 x 1020		1120 x 1020		1120 x 1020	
Clamping Platens (H x V)	mm	1620 x 1520		1620 x 1520		1620 x 1520		1620 x 1520	
Ejector Force	kN	130		130		130		130	
Ejector Stroke	mm	350		350		350		350	
GENERAL DATA									
Pump Drive (Servo Drive)#	kW	43.5		43.5		60.3		60.3	
Pump Drive (Vdp Drive)	kW	97.2		89.7		137.7		137.7	
Overall Dimensions (L x W x H) (Servo Drive)	mm	12000 x 2350 x 2900		12000 x 2350 x 2900		13000 x 2500 x 3100		13000 x 2500 x 3100	
Overall Dimensions (L x W x H) (Vdp Drive)	mm	12000 x 2350 x 2900		12000 x 2350 x 2900		13000 x 2500 x 3100		13000 x 2500 x 3100	
Total Connected Load (Servo Drive)	kW	124.7		118.6		159.9		159.9	
Total Connected Load (Vdp Drive)	kW	178.4		164.8		237.3		237.3	
Oil Tank Capacity	ltr	1200		1200		1500		1500	
Hopper Capacity	ltr	200	40	200	40	200	65	200	65
Machine Weight	ton	41.5		41.5		44		44	

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