

Machine Model		CLF-60TX	CLF-100TX	CLF-120TX	CLF-150TX							
International Code		600H-136	1000H-416	1200H-416	1500H-717							
INJECTION UNIT												
screw diameter	mm	25	28	30	35	40	30	35	40	40	45	50
Theoretical Injection Volume	cm ³	54	67	148	202	263	148	202	263	307	389	480
Injection Pressure	kg/cm ²	2520	2009	2800	2057	1575	2800	2057	1575	2327	1839	1490
Injection Rate	cm ³ /sec.	52	65	79	108	141	79	108	141	131	166	205
Shot Weight(PS)	gram	49	60	134	182	237	134	182	237	277	351	433
Screw Rotation	rpm	224		302			302			308		
Nozzle Radius	mm	15		15			15			15		
No. of Heating Zones	zone	4		6			6			6		
Heating Capacity	kw	3.4		4.9			4.9			7.9		
CLAMPING UNIT												
Distance Between Tie Bars (HxV)	mm	315 x 315		390 x 390			420 x 420			460 x 460		
Mold Platen	mm	485 x 485		580 x 580			630 x 630			700 x 700		
Mold Height	mm	100 - 320		150 - 400			150 - 450			150 - 500		
Die Opening Stroke	mm	280		360			420			460		
Clamping Force	ton(kn)	60(600)		100(1000)			120(1200)			150(1500)		
Dia. of Centering Ring	mm	100		100			125			125		
Ejector Stroke	mm	60		95			110			110		
Ejecting Force	ton(kn)	2.7 (27)		5.4 (54)			5.4 (54)			5.4 (54)		
GENERAL DATA												
Pump Driving Motor	hp(kw)	15(11)		25(18.5)			25(18.5)			30(22)		
Oil Tank Capacity	liter	270		435			435			500		
Machine Size (L x W x H)	m	3.3x1.5x1.6		4.75x1.27x1.73			4.75x1.27x1.7			5x1.54x1.8		
Net Weight	ton	3.7		4.5			5.3			6.5		

*All specifications, dimensions and design characteristics shown in this catalogue are subject to change without notice.

Machine Model	CLF-180TX				CLF-230TX			CLF-285TX			CLF-350TX		
International Code	1800H-717				2300H-1000			2850H-1470			3500H-1470		
INJECTION UNIT													
screw diameter	mm	40	45	50	45	50	55	50	55	60	55	60	65
Theoretical Injection Volume	cm3	307	389	480	429	530	641	588	712	847	712	847	995
Injection Pressure	kg/cm2	2327	1839	1490	2322	1881	1555	2500	2066	1736	2066	1736	1479
Injection Rate	cm3/sec.	131	166	205	162	200	242	175	211	251	211	251	295
Shot Weight(PS)	gram	277	351	433	387	478	578	531	643	764	643	764	898
Screw Rotation	rpm	308			270			188			188		
Nozzle Radius	mm	15			15			15			15		
No. of Heating Zones	zone	6			6			6			6		
Heating Capacity	kw	7.9			10			13.9			13.9		
CLAMPING UNIT													
Distance Between Tie Bars (HxV)	mm	510 x 510			560 x 560			610 x 610			670 x 670		
Mold Platen	mm	765 x 765			860 x 860			940 x 940			1030 x 1030		
Mold Height	mm	150 - 550			200 - 600			200 - 650			200 - 700		
Die Opening Stroke	mm	500			560			610			680		
Clamping Force	ton(kn)	180 (1800)			230 (2300)			285 (2850)			350 (3500)		
Dia. of Centering Ring	mm	160			160			160			160		
Ejector Stroke	mm	150			150			150			200		
Ejecting Force	ton(kn)	5.4 (54)			6.2 (62)			6.2 (62)			7 (70)		
GENERAL DATA													
Pump Driving Motor	hp(kw)	30 (22)			40 (30)			50 (37)			50 (37)		
Oil Tank Capacity	liter	500			550			800			800		
Machine Size (L x W x H)	m	5.2 x 1.54 x 1.9			6 x 1.62 x 2.0			6.8 x 1.75 x 2.1			7.0 x 1.78 x 2.1		
Net Weight	ton	7.7			10			12			15		

Machine Model		CLF-400TX			CLF-500TX			CLF-600TX			CLF-750TX		
International Code		4000H-2436			5000H-2436			6000H-4183			7500H-4183		
INJECTION UNIT													
screw diameter	mm	65	70	75	70	75	80	75	80	85	80	85	90
Theoretical Injection Volume	cm ³	1095	1269	1457	1269	1457	1658	1876	2135	2410	2135	2410	2702
Injection Pressure	kg/cm ²	2226	1920	1672	1920	1672	1470	2229	1960	1736	1960	1736	1548
Injection Rate	cm ³ /sec.	322	373	428	373	428	487	393	447	505	447	505	566
Shot Weight(PS)	gram	988	1145	1315	1145	1315	1496	1693	1927	2175	1927	2175	2440
Screw Rotation	rpm	223			223			148			148		
Nozzle Radius	mm	15			15			15			15		
No. of Heating Zones	zone	8			8			9			9		
Heating Capacity	kw	16.5			16.5			30			30		
CLAMPING UNIT													
Distance Between Tie Bars (HxV)	mm	730 x 730			810 x 810			910 x 910			960 x 960		
Mold Platen	mm	1120 x 1120			1260 x 1260			1390 x 1390			1480 x 1480		
Mold Height	mm	250 - 750			300 - 900			300 - 1000			350 - 1100		
Die Opening Stroke	mm	750			800			900			1000		
Clamping Force	ton(kn)	400 (4000)			500 (5000)			600 (6000)			750 (7500)		
Dia. of Centering Ring	mm	160			200			200			200		
Ejector Stroke	mm	200			200			250			300		
Ejecting Force	ton(kn)	7 (70)			11 (110)			13.3 (133)			13.3 (133)		
GENERAL DATA													
Pump Driving Motor	hp(kw)	75 (56)			75 (56)			100 (75)			100 (75)		
Oil Tank Capacity	liter	1100			1100			1450			1450		
Machine Size (L x W x H)	m	7.8 x 1.8 x 2.2			8.2 x 1.95 x 2.2			9.1 x 2.2 x 2.2			9.6 x 2.25 x 2.3		
Net Weight	ton	21			25			37			40		

Machine Model		CLF-950TX			CLF-1200TX			CLF1400TX	
International Code		9500H-6630			12000H-6630			14000H-11285	
INJECTION UNIT									
screw diameter	mm	95	100	105	95	100	105	110	120
Theoretical Injection Volume	cm ³	3542	3925	4327	3542	3925	4327	5462	6500
Injection Pressure	kg/cm ²	1872	1690	1532	1872	1690	1532	2066	1736
Injection Rate	cm ³ /sec.	687	762	840	687	762	840	893	1063
Shot Weight(PS)	gram	3197	3542	3905	3197	3542	3905	4929	5866
Screw Rotation	rpm	170			170			170	
Nozzle Radius	mm	15			15			15	
No. of Heating Zones	zone	10			10			12	
Heating Capacity	kw	41.5			41.5			52.5	
CLAMPING UNIT									
Distance Between Tie Bars (HxV)	mm	1120 x 1120			1250 x 1250			1450 x 1450	
Mold Platen	mm	1720 x 1720			1900 x 1900			2170 x 2170	
Mold Height	mm	400 - 1200			400 - 1300			400 - 1400	
Die Opening Stroke	mm	1200			1300			1520	
Clamping Force	ton(kn)	950 (9500)			1200 (12000)			1400 (14000)	
Dia. of Centering Ring	mm	250			250			250	
Ejector Stroke	mm	300			300			300	
Ejecting Force	ton(kn)	26.6 (266)			26.6 (266)			26.6 (266)	
GENERAL DATA									
Pump Driving Motor	hp(kw)	135 (100)			135 (100)			195 (146)	
Oil Tank Capacity	liter	2100			2100			3000	
Machine Size (L x W x H)	m	11.5 x 2.6 x 2.6			12 x 3.0 x 2.8			13.7 x 3.2 x 3.1	
Net Weight	ton	56			75			110	