

Machine Model		CLF-50CM		CLF-70CM		CLF-100CM		
International Code		500H-137		700H-205		1000H-395		
INJECTION UNIT								
Screw diameter	mm	28	30	32	36	35	40	45
Theoretical Inj. Volume	cm ³	68	78	117	148	173	226	286
Injection Pressure	kg/cm ²	2009	1750	1750	1383	2285	1750	1382
Max. Injection Rate	cm ³ /sec.	80	92	104	132	96	126	159
Shot Weight in GPPS	Gram	61	70	105	133	156	204	258
Plasticizing Rate(GPPS)	g/sec.	8.5	9.8	9.8	12.4	15.8	20.7	26.1
Screw Rotation Speed	PRM	360		254		308		
Heating Zones	zone	5		5		5		
Heating Capacity	kw	3.4		6.5		7.45		
CLAMPING UNIT								
Distance Between Tie Bars (HxV)	mm	315 x 315		375 x 375		415 x 415		
Dimensions of Platens.	mm	460 x 460		550 x 550		600 x 600		
Min. Mold Height	mm	160		170		180		
Mold Opening Stroke	mm	390		430		520		
Daylight	mm	550		600		700		
Clamping Force	Ton(KN)	50 (495)		70 (690)		100 (985)		
Ejector Stroke	mm	60		80		80		
Ejecting Force	Ton(KN)	1.76 (17)		2.75 (27)		4 (39)		
GENERAL DATA								
Pump Driving Motor	HP(kw)	20 (15)		25 (18.7)		30 (22.34)		
Capacity of Hyd. Reservoir	Liter	190		270		320		
Machine Dimensions (L x W x H)	m	3.4 x 1.2 x 1.66		4.0 x 1.2 x 1.63		4.65 x 1.2 x 1.63		
Net Weight	Ton	2.5		3.6		4.3		

Machine Model		CLF-150CM		CLF-200CM	
International Code		1500H-395		2000H-980	
INJECTION UNIT					
Screw diameter	mm	40	45	50	55
Theoretical Inj. Volume	cm ³	226	286	491	594
Injection Pressure	kg/cm ²	1750	1382	1747	1444
Max. Injection Rate	cm ³ /sec.	160	202	228	276
Shot Weight in GPPS	Gram	204	258	443	536
Plasticizing Rate(GPPS)	g/sec.	23.1	29.3	34	41.2
Screw Rotation Speed	PRM	331		285	
Heating Zones	zone	5		5	
Heating Capacity	kw	9		13.9	
CLAMPING UNIT					
Distance Between Tie Bars (HxV)	mm	515 x 515		615 x 615	
Dimensions of Platens.	mm	730 x 730		850 x 850	
Min. Mold Height	mm	200		230	
Mold Opening Stroke	mm	600		770	
Daylight	mm	800		1000	
Clamping Force	Ton(KN)	150 (1475)		200 (1965)	
Ejector Stroke	mm	100		120	
Ejecting Force	Ton(KN)	4 (39)		5.4 (52)	
GENERAL DATA					
Pump Driving Motor	HP(kw)	40 (30)		50 (37.4)	
Capacity of Hyd. Reservoir	Liter	480		700	
Machine Dimensions (L x W x H)	m	4.9 x 1.35 x 1.76		5.9 x 1.45 x 1.88	
Net Weight	Ton	5.8		8.5	