

Machine Model		CLF-120AE		CLF-180AE			CLF-230AE					
International Code		1200H-270E		1800H-460E			2300H-460E			2300H-785E		
INJECTION UNIT												
Screw diameter	mm	30	35	35	40	45	30	40	45	40	45	50
Theoretical Injection Volume	cm ³	99	135	173	226	286	173	226	286	264	334	412
Injection Pressure	kg/cm ²	2730	2006	2664	2040	1612	2664	2040	1612	2974	2350	1903
Inj. Holding Pressure	kg/cm ²	2321	1705	2265	1734	1370	2265	1734	1370	2528	1997	1618
Injection Speed	mm/sec.	250	250	250	250	250	250	250	250	230	230	230
Injection Rate	cm ³ /sec.	177	241	241	314	398	241	314	398	289	366	452
Shot Weight in GPPS(PS)	gram	89	122	156	204	258	156	204	258	238	301	372
Screw Rotation Speed	PRM	350		300			300			300		
CLAMPING UNIT												
Distance Between Tie Bars (HxV)	mm	420 x 420		510 x 510			560 x 560					
Dimensions of Platens.	mm	630 x 630		765 x 765			860 x 860					
Mold Height Max./Min.	mm	450 / 150		500 / 200			550 / 200					
Mold Opening Stroke	mm	400		450			550					
Clamping Force	Ton	120		180			230					
Dia. of Locating Ring	mm	100		125			125					
Ejector Stroke	mm	100		120			150					
Ejecting Force	Ton	3.3		4			5.2					
GENERAL DATA												
Heating Zones	zone	6		6			6			6		
Heating Capacity	kw	5.8		9.2			9.2			11.8		
Machine Dimensions (L x W x H)	m	4.84 x 1.35 x 1.79		5.27 x 1.56 x 1.97			5.56 x 1.66 x 2.07			6.34 x 1.66 x 2.1		
Net Weight	Ton	4.5		7.5			9			11		

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Machine Model	CLF-285AE							CLF-350AE						
International Code	2850H-785E			2850H-1190E				3500H-785E			3500H-1190E			
INJECTION UNIT														
Screw diameter	mm	40	45	50	50	55	60	40	45	50	50	55	60	
Theoretical Injection Volume	cm ³	264	334	412	491	594	707	264	334	412	491	594	707	
Injection Pressure	kg/cm ²	2974	2350	1903	2420	2000	1680	2974	2350	1903	2420	2000	1680	
Inj. Holding Pressure	kg/cm ²	2528	1997	1618	2057	1700	1428	2528	1997	1618	2057	1700	1428	
Injection Speed	mm/sec.	230	230	230	200	200	200	230	230	230	200	200	200	
Injection Rate	cm ³ /sec.	289	366	452	393	475	565	289	366	452	393	475	565	
Shot Weight in GPPS(PS)	gram	238	301	372	443	536	638	238	301	372	443	536	638	
Screw Rotation Speed	PRM	300			250			300			250			
CLAMPING UNIT														
Distance Between Tie Bars (HxV)	mm	610 x 610					730 x 730							
Dimensions of Platens.	mm	940 x 940					1120 x 1120							
Mold Height Max./Min.	mm	650 / 250					700 / 300							
Mold Opening Stroke	mm	600					700							
Clamping Force	Ton	285					350							
Dia. of Locating Ring	mm	125					160							
Ejector Stroke	mm	150					150							
Ejecting Force	Ton	6.2					7							
GENERAL DATA														
Heating Zones	zone	6			6			6			6			
Heating Capacity	kw	11.8			16.3			11.8			16.3			
Machine Dimensions (L x W x H)	m	6.8 x 1.74 x 2.25			7.1 x 1.74 x 2.26			7.2 x 2.1 x 2.2			7.5 x 2.1 x 2.2			
Net Weight	Ton	13			15			17			20			

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Machine Model		CLF-450AE					
International Code		4500H-1190E			4500H-1585E		
INJECTION UNIT							
Screw diameter	mm	50	55	60	55	60	65
Theoretical Injection Volume	cm ³	491	594	707	665	792	929
Injection Pressure	kg/cm ²	2420	2000	1680	2380	2000	1704
Inj. Holding Pressure	kg/cm ²	2057	1700	1428	2023	1700	1449
Injection Speed	mm/sec.	200	200	200	170	170	170
Injection Rate	cm ³ /sec.	393	475	565	404	481	564
Shot Weight in GPPS(PS)	gram	443	536	638	600	714	839
Screw Rotation Speed	PRM	250			220		
CLAMPING UNIT							
Distance Between Tie Bars (HxV)	mm	810 x 810					
Dimensions of Platens.	mm	1260 x 1260					
Mold Height Max./Min.	mm	800 / 300					
Mold Opening Stroke	mm	800					
Clamping Force	Ton	450					
Dia. of Locating Ring	mm	160					
Ejector Stroke	mm	180					
Ejecting Force	Ton	10					
GENERAL DATA							
Heating Zones	zone	6			6		
Heating Capacity	kw	16.3			18.2		
Machine Dimensions (L x W x H)	m	7.9 x 2.2 x 2.35			8.1 x 2.2 x 2.35		
Net Weight	Ton	24			26		