Machine Model		CLF-230TX-PET		CLF-285TX-PET		CLF-350TX-PET	
INJECTION UNIT	UNIT	1470		2436		2436	
Screw Diameter	mm	55	60	70	75	70	75
Theoretical Inj. Volume	cm^3	712	847	1269	1457	1269	1457
Max. Injection Pressure	kg/cm^2	2066	1736	1920	1672	1920	1672
Max. Injection Speed	mm/sec	141	141	124	124	124	124
Max. Injection Rate	cm^3/sec	336	400	477	548	477	548
PET Max. Shot Weight	gram	744	886	1327	1523	1327	1523
PET Plasticizing Rate	Hg/Hr.	81	96	123	140	123	140
Screw Rotation Speed	PRM	128		130		130	
Nozzle Radius / Hole	mm/mm	15 / 7		15 / 10		15 / 10	
Heating Zones	zone	6		7		7	
Heating Capacity	kw	19		24		24	
CLAMPING UNIT							
Distance Between Tie Bars (HxV)	mm	560 x 560		610 x 610		670 x 670	
Dimension of Platen	mm	860 x 860		940 x 940		1030 x 1030	
Mold Height	mm	200 - 600		200 - 650		200 - 700	
Mold Opening Stroke	mm	560		610		680	
Clamping Force	Ton	230		285		350	
Dia. of Centering Ring	mm	160		160		160	
Ejector Stroke	mm	150		150		200	
Ejecting Force	Ton	6.2		6.2		7	
GENERAL DATA							
Pump Driving Motor	HP	75		100		100	
Capacity of Oil Reservoir	Liter	900		1200		1200	
Machine Dimension (L x W x H)	m	7 x 1.65 x 2.1		7.5 x 1.75 x 2.3		7.8 x 1.80 x 2.3	
Net Weight	Ton	11		13		16.5	

Machine Model		CLF-400TX-PET		CLF-500TX-PET		CLF-600TX-PET	
INJECTION UNIT	UNIT	4183		4183		6630	
Screw Diameter	mm	80	85	80	85	95	100
Theoretical Inj. Volume	cm^3	2135	2410	2135	2410	3542	3925
Max. Injection Pressure	kg/cm^2	1959	1736	1959	1736	1872	1690
Max. Injection Speed	mm/sec.	115	115	125	125	104	104
Max. Injection Rate	cm^3/sec.	579	654	628	709	742	822
PET Max. Shot Weight	gram	2232	2520	2232	2520	3701	4101
PET Plasticizing Rate	Hg/Hr.	166	188	166	188	249	276
Screw Rotation Speed	PRM	93		93		98.5	
Nozzle Radius / Hole	mm/mm	20 /127		20 / 14		25 / 30	
Heating Zones	zone	8		8		10	
Heating Capacity	kw	35.5		35.5		49.8	
CLAMPING UNIT							
Distance Between Tie Bars (HxV)	mm	730 x 730		810 x 810		910 x 910	
Dimension of Platen	mm	1120 x 1120		1260 x 1260		1390 x 1390	
Mold Height	mm	250 - 750		300 - 900		300 - 1000	
Mold Opening Stroke	mm	750		800		900	
Clamping Force	Ton	400		500		6000	
Dia. of Centering Ring	mm	160		200		200	
Ejector Stroke	mm	200		200		250	
Ejecting Force	Ton	7		11		13.3	
GENERAL DATA							
Pump Driving Motor	HP	125		135		150	
Capacity of Oil Reservoir	Liter	1600		1800		2000	
Machine Dimension (L x W x H)	m	7.8 x 1.8 x 2.4		8.8 x 2.0 x 2.5		10.3 x 2.3 x 2.5	
Net Weight	Ton	17.5		28.5		41	

PREFORM SIZE AND QUANTITY								
Preform Weight	Small Mouth	* 35g * 65g *120g	No. per shot	Estimated month production (25 days x 24hours)	No. per shot	Estimated month production (25 days x 24hours)	No. per shot	Estimated month production (25 days x 24hours)
			4*6*8 2*4 2	360000*490000*610000 160000*300000 100000	8*12 4*6*8 4*6	610000*900000 300000*430000* 550000 200000*300000	12*16 6*8*12 6*8	900000*1200000 430000*550000*800000 300000*400000
	Medium Mouth	*70g			4*6	250000*320000	6*8	320000*400000
	Big Mouth	*130g			4	200000	6	300000

Machine Model		CLF-500TW-PET	
INJECTION UNIT	UNIT	6630	
Screw Diameter	mm	95	100
Theoretical Inj. Volume	cm^3	3542	3925
Max. Injection Pressure	kg/cm^2	1872	1690
Max. Injection Speed	mm/sec.	104	104
Max. Injection Rate	cm^3/sec.	742	822
PET Max. Shot Weight	gram	3701	4101
PET Plasticizing Rate	Hg/Hr.	249	276
Screw Rotation Speed	PRM	98.5	
Nozzle Radius / Hole	mm/mm	25 / 30	
Heating Zones	zone	10	
Heating Capacity	kw	49.8	
CLAMPING UNIT			
Distance Between Tie Bars (HxV)	mm	810 x 810	
Dimension of Platen	mm	1260 x 1260	
Mold Height	mm	300 - 900	
Mold Opening Stroke	mm	1000	
Clamping Force	Ton	500	
Dia. of Centering Ring	mm	200	
Ejector Stroke	mm	200	
Ejecting Force	Ton	11	
GENERAL DATA			
Pump Driving Motor	HP	150	
Capacity of Oil Reservoir	Liter	2000	
Machine Dimension (L x W x H)	m	9.4 x 1.95 x 2.5	
Net Weight	Ton	30	
PREFORM SIZE AND QUANTITY			
Preform for 5Gal. Mineral Water Container	*800g	No. per shot	Estimated month production(25 days x 24hours)
		4	100000

Machine Model			CLF-120TX-CAP		CLF-180TX-CAP		CLF-230TX-CAP		CLF-285TX-CAP	
INJECTION UNIT		UNIT	416		717		1000		1470	
Screw Diameter		mm	35	40	40	45	45	50	50	60
Theoretical Inj. Volume		cm^3	202	263	307	389	429	530	712	847
Max. Injection Pressure		kg/cm^2	2057	1575	2327	1839	2322	1881	2066	1736
Max. Injection Speed		mm/sec.	186	186	153	153	150	150	144	144
Max. Injection Rate		cm^3 /sec.	179	234	192	243	238	294	342	407
PET Max. Shot Weight		gram	146	190	222	281	310	383	514	611
PET Plasticizing Rate	Cooling Time	g /sec.	9.4	12.3	14.6	18.5	14.6	17.9	30.6	36.4
	Mold Movement	g /sec.	9.4	12.3	14.6	18.5	14.6	17.9	17.4	20.7
Screw Rotation Speed	Cooling Time	PRM	228.5		272.5		213.3		274	
	Mold Movement	PRM	228.5		272.5		213.3		156	
Nozzle Radius / Hole		mm/mm	12.7 / 5		12.7 / 5		12.7 / 6		12.7 / 8	
Heating Zones		zone	5		5		5		5	
Heating Capacity		kw	5.7	6.8	9.6	10.6	12.6	12.6	16.9	18.6
CLAMPING UNIT										
Distance Between Tie Bars (HxV)		mm	420 x 420		510 x 510		560 x 560		610 x 610	
Dimension of Platen		mm	630 x 630		765 x 765		860 x 860		940 x 940	
Mold Height		mm	150 - 450		150 - 550		200 - 600		200 - 650	
Mold Opening Stroke		mm	420		500		560		610	
Clamping Force		Ton	120		180		230		285	
Dia. of Centering Ring		mm	125		160		160		160	
Ejector Stroke		mm	110		150		150		150	
Ejecting Force		Ton	5.4		5.4		6.2		6.2	
GENERAL DATA										
Pump Driving Motor		HP	40		50		60		75	
Capacity of Oil Reservoir		Liter	500		700		800		1000	
Machine Dimension (L x W x H)		m	5.2 x 1.6 x 1.7		5.6 x 1.6 x 1.9		6.5 x 1.7 x 2.0		7.3x 1.8 x 2.1	
Net Weight		Ton	5.6		8		10.6		13	

Machine Model			CLF-350TX-CAP		CLF-400TX-CAP		CLF-500TX-CAP	
INJECTION UNIT		UNIT	1470		2436		2436	
Screw Diameter		mm	55	60	70	75	70	75
Theoretical Inj. Volume		cm^3	712	847	1269	1457	1269	1457
Max. Injection Pressure		kg/cm^2	2066	1736	1920	1672	1920	1672
Max. Injection Speed		mm/sec.	167	167	143	143	143	143
Max. Injection Rate		cm^3 /sec.	396	472	552	633	552	633
PET Max. Shot Weight		gram	514	611	916	1052	916	1052
PET Plasticizing Rate	Cooling Time	g /sec.	34.4	40.9	58.7	67.3	58.7	67.3
	Mold Movement	g /sec.	20.9	24.8	29.3	33.6	29.3	33.6
Screw Rotation Speed	Cooling Time	PRM	308		324		324	
	Mold Movement	PRM	187		162		162	
Nozzle Radius / Hole		mm/mm	12.7 / 8		12.7 / 8		12.7 / 8	
Heating Zones		zone	5		7		7	
Heating Capacity		kw	16.9	18.6	24.1	25.9	24.1	25.9
CLAMPING UNIT								
Distance Between Tie Bars (HxV)		mm	670 x 670		730 x 730		810 x 810	
Dimension of Platen		mm	1030 x 1030		1120 x 1120		1260 x 1260	
Mold Height		mm	200 - 700		250 - 750		300 - 900	
Mold Opening Stroke		mm	680		750		800	
Clamping Force		Ton	350		400		500	
Dia. of Centering Ring		mm	160		160		200	
Ejector Stroke		mm	200		200		200	
Ejecting Force		Ton	7		7		11	
GENERAL DATA								
Pump Driving Motor		HP	100		120		120	
Capacity of Oil Reservoir		Liter	1400		1400		1600	
Machine Dimension (L x W x H)		m	7.6 x 1.8 x 2.1		8.4 x 1.9 x 2.2		8.8 x 2.0 x 2.2	
Net Weight		Ton	16		21.6		26.5	