

**CLASSIC-III SERIES SPECIFICATION**

ITEM		UNIT	DC30		DC50		DC88		DC100		DC130		DC160		DC200		DC280		DC400							
CLAMPING UNIT	Locking force	kN	300		500		880		1000		1300		1600		2000		2800		4000							
	Die opening stroke	mm	180		230		280		300		350		350		400		460		550							
	Die height (min-max)	mm	100-310		120-340		150-350		150-450		170-450		205-505		250-550		250-650		300-750							
	Platen size (H x V)	mm	407X393		456X456		550X525.5		610X621		614X636		671X666		740X740		870X860		960X960							
	Space between tie bars	mm	271.6X271.6		310X310		357X357		409X409		409X409		459X459		510X510		560X560		620X620							
	Ejector force	kN	30		50		50		70		88		108		108		158		180							
	Ejector stroke	mm	50		60		60		70		85		85		100		100		120							
	Injection force	kN	40		52		65		89		108		108		130		158		182							
INJECTION UNIT	Injection stroke	mm	110		130		130		150		150		150		175		200		230							
	Plunger diameter	mm	36	40	45	45	50	55	45	50	55	55	60	60	65	60	65	70	60	65	70	70	80	70	80	90
	Shot weight (Zn)	kg	0.55	0.68	0.87	1.0	1.26	1.53	1.0	1.26	1.53	1.76	2.1	2.1	2.4	2.1	2.4	2.86	2.5	2.9	3.3	3.8	5.0	4.4	5.7	7.2
	Casting pressure	Mpa	39.5	32	25.3	32.7	26.4	21.8	42	34	28.1	37.4	31.5	38.9	33.1	38.9	33.1	28.6	47	40.1	33.7	41	31.4	48.2	36.9	29.2
	Casting area	cm <sup>2</sup>	75.9	93.7	118.5	152	189	229	209	258	313	267	317	334	392	411	483	559	425	498	593	681	888	829	1084	1369
	Shot position	mm	0	-40	0	-50	0	-60	0	-80	0	-80	0	-80	0	-80	0	-100	0	-125	0	-125	0	-125	0	-125
	Nozzle traverse stroke	mm	150		190		190		200		200		200		200		200		200		340					
	OTHERS	Hydraulic working pressure	MPa	8		10.5		10.5		14		14		14		14		14		14						
Pump driving motor		kW	7.5		11		11		11		15		15		15		18.5		22							
Hydraulic oil tank capacity		L	200		200		250		300		300		300		400		500		800							
Nozzle heating stroke		kW	1.5		2		2		2.5		2.5		2.5		4		5		5							
Furnace capacity (zn)		dm <sup>3</sup> (kg)	40(260)		50(330)		50(330)		50(330)		50(360)		50(360)		110(720)		110(720)		200(1350)							
Furnace power		Electricity	kW	26		30		30		30		30		30		42		42		70						
		Diesel	kg/h	3.5		4.8		4.8		4.8		4.8		4.8		6.3		6.3		11.2						
Machine dimension (LxWxH)		mm	3550X1560X1910		3850X1650X2110		3950X1610X2070		4490X1670X2250		4600X1670X2290		4780X1700X2300		5110X1830X2530		5550X1900X2540		6430X2250X2900							
Machine weight	kg	2600		3400		4000		5500		5700		6000		7800		11000		17500								