

Specification Item		Unit	DC1100R-E
Die Closing	Die locking force	kN	13000
	Platen dimensions (VxH)	mm	1895 x 2205
	Tie-bar spacing (VxH)	mm	1250 x 1525
	Tie-bar diameter	mm	250
	Die thickness	mm	700 ~ 1500
	Die stroke	mm	900
Injection	Maximum injection force	kN	1085
	Intensification ratio		1:2.56
	Plunger stroke	mm	950
	Tip protrusion	mm	400
	Injection port position (From machine center)	mm	300
	Injection speed	m/s	0.10 ~ 9.0
	Plunger tip diameter (standard)	mm	115
	Casting Volume (Standard tip diameter)	cm <sup>3</sup>	7400
	Casting area (Standard tip diameter)	cm <sup>2</sup>	3220 ~ 1240
	Casting pressure (Standard tip diameter)	MPa	40.4 ~ 104.5
Ejection	Ejection force	kN	615
	Ejection stroke	mm	150
Hydraulic	Number of movable cores	Size x No.	3/4" x 2 sets
	Number of movable core ports (Per solenoid valve)	Size x No.	1" x 2 Sets
	Number of fixed die cores	Size x No.	3/4" x 1 set
	Number of fixed core ports (Per solenoid valve)	Size x No.	1" x 2 Sets
	Operating pressure	MPa	15
	Required hydraulic oil volume	ℓ	2100
	Hydraulic oil tank capacity	ℓ	1880
Water	Die cooling water inlet port size	Rc	2"
	Die cooling water outlet port size	Rc	3"
	Oil cooler water inlet port size	Rc	1 1/2"
	Oil cooler water outlet port size	Rc	1 1/2"
	Die cooling adjustment valve (fixed)	Rc x No.	1/2" x 10 Sets
	Die cooling adjustment valve (moving)	Rc x No.	1/2" x 10 Sets
	Sprue bush cooling adjustment valve	Rc x No.	1/2" x 1 Set
	Required cooling water (oil cooler)	L/min	5
	Required cooling water (for die)	L/min	160 ~ 240
Size	Required floor space (L x W)	ton	10300 x 3800

**Note:** Due to continuous improvements, specifications are subject to change without notice.