

	Specification Item	Unit	DC1100R-E
<b>Die Closing</b>	Die locking force	kN	11000
	Platen dimensions (VxH)	mm	1710 x 1750
	Tie-bar spacing (VxH)	mm	1100 x 1100
	Tie-bar diameter	mm	220
	Die thickness	mm	600 ~ 1200
	Die stroke	mm	850
<b>Injection</b>	Maximum injection force	kN	950
	Intensification ratio		1:2.78
	Plunger stroke	mm	820
	Tip protrusion	mm	350
	Injection port position (From machine center)	mm	-300
	Injection speed	m/s	0.10 ~ 9.0
	Plunger tip diameter (standard)	mm	110
	Casting Volume (Standard tip diameter)	cm <sup>3</sup>	5840
	Casting area (Standard tip diameter)	cm <sup>2</sup>	3070 ~ 1100
Casting pressure (Standard tip diameter)	MPa	35.8 ~ 100.0	
<b>Ejection</b>	Ejection force	kN	510
	Ejection stroke	mm	150
<b>Hydraulic</b>	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	1700
Hydraulic oil tank capacity	ℓ	1400	
<b>Water</b>	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
<b>Size</b>	Required floor space (L x W)	ton	9400 x 3900

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