

Specification Item		Unit	DC800R-M/EM
Die Closing	Die locking force	kN	8000
	Platen dimensions (VxH)	mm	1400 x 1400
	Tie-bar spacing (VxH)	mm	930 x 930
	Tie-bar diameter	mm	180
	Die thickness	mm	950 ~ 400
	Die stroke	mm	760
Injection	Maximum injection force	kN	600
	Intensification ratio		1 : 2.56
	Plunger stroke	mm	750
	Tip protrusion	mm	350
	Injection port position (From machine center)	mm	-250
	Injection speed	m/s	0.03 ~ 6.5
	Tip diameter	mm	80 ~ 100
	Sleeve length	mm	445
Ejection	Ejection force	kN	371
	Ejection stroke	mm	10 ~ 125
Hydraulic	Number of movable cores	Size x No.	3/4" x each 1
	Number of movable core ports	No. of Set	3/4" x 4
	Operating pressure	Mpa	15
	Required hydraulic oil volume	ℓ	1100
	Hydraulic oil tank capacity	ℓ	950
Water	Die cooling water inlet port size	Rc	1 + 1/2"
	Die cooling water outlet port size	Rc	3"
	Oil cooler water inlet port size	Rc	1"
	Oil cooler water outlet port size	Rc	1"
	Die cooling adjustment valve (fixed)	Rc x No.	1/4" x 7
	Die cooling adjustment valve (moving)	Rc x No.	1/4" x 10
	Sprue bush cooling adjustment valve	Rc x No.	1/4" x 2
	Required cooling water (oil cooler)	L/min	50
	Required cooling water (for die)	L/min	120 ~ 160
Electrical	For hydraulic pump	kW	45
	For die height adjustment	kW	3.7
	For lubrication pump	W	40
	Electrical capacity	KVA	75 / 130
	Power supply (Customer Specification)	V	AC 200 to 220
Air	Air connection port	Rc	1/4", 3/8" each 1
	Air pressure	Mpa	0.4
Size	Necessary floor space	mm	8977 X 2585
	Machine height	mm	3845
	Machine mass	ton	39

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