

Specification Item		Unit	DC500R-M/EM
Die Closing	Die locking force	kN	5000
	Platen dimensions (VxH)	mm	1060 x 1060
	Tie-bar spacing (VxH)	mm	750 x 750
	Tie-bar diameter	mm	150
	Die thickness	mm	850 ~ 350
	Die stroke	mm	550
Injection	Maximum injection force	kN	480
	Intensification ratio		1 : 2.54
	Plunger stroke	mm	580
	Tip protrusion	mm	250
	Injection port position (From machine center)	mm	-175
	Injection speed	m/s	0.03 ~ 8.0
	Tip diameter	mm	70 ~ 90
	Sleeve length	mm	365
Ejection	Ejection force	kN	235
	Ejection stroke	mm	10 ~ 100
Hydraulic	Number of movable cores	Size x No.	1/2" x each 1
	Number of movable core ports	No. of Set	3/4" x 4
	Operating pressure	Mpa	15
	Required hydraulic oil volume	ℓ	700
	Hydraulic oil tank capacity	ℓ	550
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	70 ~ 120
Electrical	For hydraulic pump	kW	37
	For die height adjustment	kW	2.2
	For lubrication pump	W	40
	Electrical capacity	KVA	60 / 105
	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	6069 X 2295
	Machine height	mm	3600
	Machine mass	ton	21.5

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