

## AVIS-II 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			535X545			610X635			614X636			672X667			740X740			860X860			960X960			
	Space between tie bars	mm	271X271			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 UNIT	Injection force	kN	40			65			65			89			108			108			130			158			182		
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	1.26	1.53	1	1.26	1.53	1.76	2.1	2.1	2.5	2.1	2.5	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	42	34	28.1	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	209	258	313	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	-100	0	-125	0	-125	0	-125				
Nozzle touching stroke		mm	150			190			190			200			200			200			200			200			340			
OTHERS	Hydraulic working pressure	MPa	10.5			10.5			10.5			14			14			14			14			14			14			
	Hydraulic oil tank capacity	L	200			200			250			300			300			300			400			500			800			
	Nozzle heating	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)			55(360)			55(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	3550X1430X1830			3930X1560X2030			400X1500X1990			4590X1630X2190			4690X1650X2220			4870X1630X2220			5280X1580X2450			5270X1650X2460			6730X1960X2800			
Machine weight	kg	2600			3400			4000			5500			5700			6000			7800			11000			17500				