

DESMA

KDE Sales and Service, Inc.

968.560 ZO Benchmark 750 Top Injection



Technical Data-Metric Units

Injection Unit - system:FIFO B

Injection volume	cm ³	3300	4000	5000	6000	8000	10000
Maximum shot (@ 1.2 s.g.)	g	3960	4800	6000	7200	9600	12,000
Injection plunger diameter	mm	105	115	115	125	125	140
Injection pressure	bar	2150	1800	2060	1740	2070	1650
Plunger stroke	mm	390		490		650	
Injection force	kN	1886		2138		2544	
Injection rate, calc.	cm ³ /s	190	230	205	245	205	260
Screw diameter	mm	55		65		75	
Screw length	L : D	10		10		10	
Screw speed	RPM	20 - 200		20 – 160		20 – 130	
Screw, torque, max.	Nm	1370		1940		2110	
Heating capacity, temp.units	kW	2 x 4.5		3 x 4.5		3 x 4.5	
Injection nozzle contact force	kN	125		125		196	
Strip width	mm	60 x 10		70 x 12		80 x 15	

Clamping Unit

Clamping force (option)	kN	5600 (6370)
Clamping stroke	mm	Full hydraulic
Opening force	kN	94
Opening stroke	mm	500-910
Opening speed	mm/s	450
Closing speed	mm/s	450
Mold height, min	mm	180
Maximum daylight	mm	1090
Clearance between tie bars	mm	683 x 950
Heating platens, std. (option)	mm	810 x 980 (810 x 1100) (900x 1100)

Hydraulic core lifting device

Lifting force (retract)	kN	98 (58)
Stroke	mm	400

General Data

Pump drive	bar-l/min.-kW	250 – 103 – 30
Total connected load	kW	90
Machine dimensions LxWxH	mm	1790 x 3530 x 4010
Oil tank capacity	l	300
Weight	kg	19,000