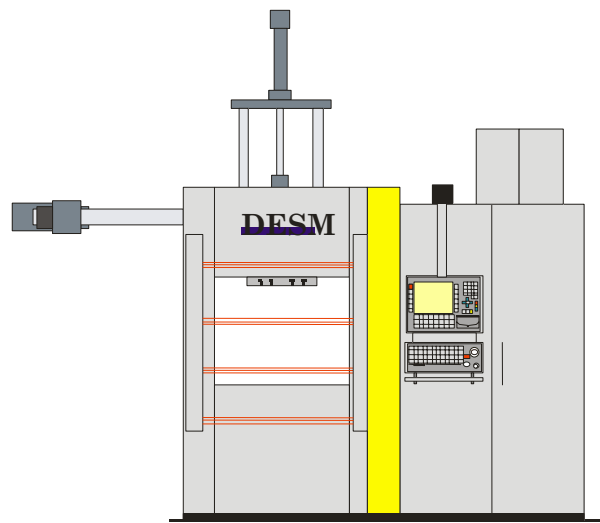


DESMA

KDE Sales and Service, Inc.

968.160 ZO Top Injection

Technical Data-Metric Units



Injection Unit - system: FIFO A

Injection volume	cm ³	350	500	800	1000	1600	2000
Maximum shot (@ 1.2 s.g.)	g	420	600	960	1200	1920	2400
Injection plunger diameter	mm	55	65	75	85	85	95
Injection pressure	bar	2380	1700	2150	1670	2150	1730
Plunger stroke	mm	150		180		290	
Injection force	kN	567		950		1227	
Injection rate, calc.	cm ³ /s	48	68	80	100	120	150
Screw diameter	mm	25		35		45	
Screw length	L : D	10		10		10	
Screw speed	RPM	20-220		20-250		20-160	
Screw torque, max.	Nm	380		540		1260	
Heating capacity, temp. units	KW	2x4.5		2x4.5		2x4.5	
Injection nozzle contact force	KN	78		78		125	
Maximum strip dimensions	mm	40x6		45x7		60x8	

Clamping Unit

Clamping force (option)	kN	1600 (1790)	
Clamping stroke	mm	Full hydraulic	
Opening force	kN	58	
Opening stroke	mm	500	
Opening speed	mm/s	300	
Closing speed	mm/s	420	
Minimum mold height	mm	140	
Maximum daylight	mm	640	
Clearance between tie bars	mm	570x410	
Heating platens, std. (option)	mm	450x510 (450x630) (560x630)	

Hydraulic core lifting device

Lifting force	kN	40
Stroke	mm	250

General Data

Pump drive	bar-l/min.-kW	250 / 41 / 15
Total connected load	kW	38
Machine dimensions LxWxH	mm	1560x2600x2900
Oil tank capacity	l	150
Weight	kg	7000

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