

# DESMA

KDE Sales and Service, Inc.

## 968.250 T Side Injection

### Technical Data-Metric Units



#### Injection Unit - system:FIFO B

Injection volume	cm <sup>3</sup>	800	1000	1600	2000	3300	4000
Maximum shot (@ 1.2 s.g.)	g	960	1200	1920	2400	3960	4800
Injection plunger diameter	mm	75	85	85	95	105	115
Injection pressure	bar	2200	1700	2000	1660	2000	1700
Plunger stroke	mm	180		290		390	
Injection force	kN	950		1180		1790	
Injection rate, calc.	cm <sup>3</sup> /s	80	100	129	161	200	250
Screw diameter	mm	35		45		55	
Screw length	L : D	10		10		10	
Screw speed	RPM	20 - 250		20 - 160		20 - 200	
Screw, torque, max.	Nm	540		1260		1370	
Heating capacity temp. units	kW	2 x 4.5		2 x 4.5		2 x 4.5	
Injection nozzle contact force	kN	58		112		153	
Maximum strip dimensions	mm	45x7		60x8		60x10	

#### Clamping Unit

Clamping force (option)	kN	2500 (2800)	
Clamping stroke	mm	full hydraulic	
Opening force	kN	80	
Opening stroke	mm	550	
Opening speed	mm/s	350	
Closing speed	mm/s	450	
Minimum mold height	mm	160	
Maximum daylight	mm	710	
Clearance between tie bars	mm	510 x 680	
Heating platens, std. (option)	mm	560 x 630 (560x780) (670x780)	

#### Hydraulic core lifting device

Lifting force (retract)	kN	63 (38)	
Stroke	mm	250	

#### General Data

Pump drive	bar-l/min.-kW	250 - 65 - 22	
Total connected load	kW	49	
Machine dimensions LxWxH	mm	1660x4700x2700	
Oil tank capacity	l	180	
Weight	kg	11,000	

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