

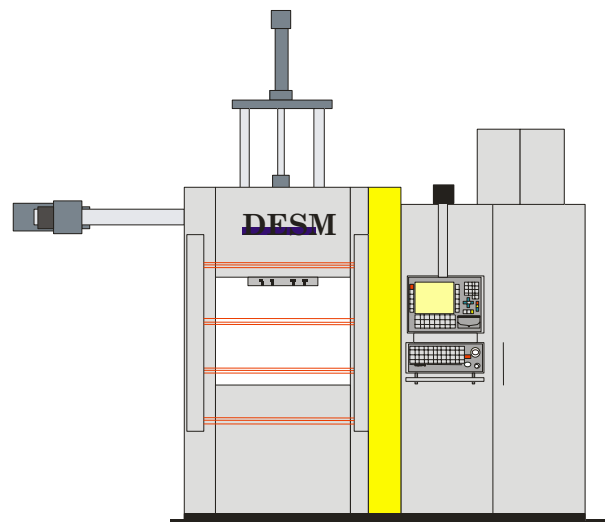
# DESMA

KDE Sales and Service, Inc.

## 968.160 ZO

### Top Injection

#### Technical Data-US Units



#### Injection Unit - system:FIFO A

Injection volume	cu.in.	21.4	30.5	48.8	61.0	97.6	122
Maximum shot (@ 1.2 s.g.)	lb	.93	1.32	2.12	2.65	4.23	5.29
Injection plunger diameter	inch	2.17	2.56	2.95	3.35	3.35	3.74
Injection pressure	psi	34,510	24,650	31,175	24,215	31,175	25,085
Plunger stroke	inch	5.91		7.09		11.42	
Injection force	US ton	63.7		106.8		137.9	
Injection rate, calc.	cu.in/s	4.27	5.74	7.93	9.76	7.32	9.15
Screw diameter	inch	.984		1.38		1.77	
Screw length	L : D	10		10		10	
Screw speed	RPM	20 - 220		20 - 250		20 - 160	
Screw, torque, max.	Ft-lb	280		400		930	
Heating capacity, temp.units	kW	2 x 4.5		2 x 4.5		2 x 4.5	
Injection nozzle contact force	Us ton	8.8		8.8		14.0	
Maximum strip dimensions	inch	1.6 x .25		1.8 x .3		2.4 x .3	

#### Clamping Unit

Clamping force (option)	US ton	180 (200)
Clampng stroke		fully hydraulic
Opening force	US ton	6.5
Opening stroke	inch	19.7
Opening speed	inch/s	11.8
Closing speed	inch/s	16.5
Minimum mold height	inch	5.51
Maximum daylight	inch	25.2
Clearance between tie bars	inch	22.4 x 16.1
Heating platens, std.(options)	mm	17.7 x 20.1 (17.7 x 24.8) (22.0 x 24.8)

#### Hydraulic core lifting device

Lifting force	US ton	4.5
Stroke	inch	9.8

#### General Data

Pump drive	psi-g/min.-kW	3625 – 10.6 - 15
Total connected load	kW	31
Machine dimensions LxWxH	inch	61 x 102 x 114
Oil tank capacity	gal.	39
Weight	lb.	15,400

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