

DESMA

KDE Sales and Service, Inc.

968.400 ZO Top Injection

Technical Data-US Units



Injection Unit - system:FIFO A

Injection volume	inch ³	97.6	122	201	244	305	366
Maximum shot (@ 1.2 s.g.)	lb	4.23	5.29	8.73	10.6	13.2	17.6
Injection plunger diameter	inch	3.35	3.74	4.13	4.53	4.53	4.92
Injection pressure	psi	29,000	24,070	29,000	24,650	29,000	24,650
Plunger stroke	inch	11.4		15.4		19.3	
Injection force	US ton	138		212		240	
Injection rate, calc.	inch ³ /s	7.32	9.15	11.6	14.0	12.5	14.0
Screw diameter	inch	1.77		2.17		2.56	
Screw length	L : D	10		10		10	
Screw speed	RPM	20 - 160		20 - 200		20 - 160	
Screw, torque, max.	ft-lb	929		1010		1431	
Heating capacity, temp. units	KW	2 x 4.5		2 x 4.5		3 x 4.5	
Injection nozzle contact force	US ton	14.0		14.0		14.0	
Maximum strip dimensions	inch	2.4 x .3		2.4 x .4		2.75 x .5	

Clamping Unit

Clamping force (option)	US ton	450 (505)	
Clamping stroke	inch	Fully hydraulic	
Opening force	US ton	10.4	
Opening stroke	inch	19.7-32.7	
Opening speed	inch/s	18.1	
Closing speed	inch/s	25.6	
Min mold height	inch	7.09	
Maximum daylight	inch	39.8	
Clearance between tie bars	inch	32.7 x 23.7	
Heating platens, std.(option)	inch	26.4x30.7 (26.4x37) (31.9x37)	

Hydraulic core lifting device

Lifting force	US ton	11.0
Stroke	inch	15.7

General Data

Pump drive	psi-g/min.-kW	3625 / 27.2 / 30
Total connected load	kW	70
Machine dimensions LxWxH	inch	65 x 126 x 149
Oil tank capacity	gal.	80
Weight	lb.	32,000