

K-TEC 40 S

Clamping Unit		40
kN	Clamping Force	400
mm	Tie Bar Clearance (H x V)	355 x 355
mm	Clamping Platens Size (H x V)	525 x 510
mm	Mold Opening Stroke	420
mm	Distance Between Platens max.	620
mm	Mold Installation Height min./max.	200 / -
kg	Mold Weight max. (moving / fixed)	500 / 250
kN	Opening Force	38
kN	Ejector Force	34
mm	Ejector Stroke	120
s - mm	Dry Cyle (Euromap 6) ¹⁾	1,6 - 249

Injection Unit		111			265		
mm	Screw Diameter	18	25	30	30	35	40
bar	Injection Pressure max.	2.236	2.254	1.565	2.292	1.964	1.504
cm ³	Stroke Volume max.	25	49	71	99	135	176
g	Injected Weight max. (PS)	23	45	65	90	123	160
mm	Screw Stroke	100			140		
mm	Unit Stroke	240			240		
kN	Nozzle Holding Force	47			47		
cm ³ /s	Injection Rate	84	165	239	280	380	495
min ⁻¹	Screw Speed	450			400		
g/s	Recovery Rate ²⁾	4	11	16	15	20	28
L/D	Active Screw Length ³⁾	20	20	18	20	20	17,3
qty	Number of Heating Zones	3 + 1			4 + 1		
kW	Total Heating Capacity	3,8	4,6	4,9	6,4	10,4	10,4

General Data		40 / 60 - 111			40 / 60 - 265		
kW	Total Connected Power ⁴⁾	18	18	18	19	22	22
m	Machine Dimensions (L x W x H)	3,59 x 1,39 x 1,94			3,85 x 1,39 x 1,94		
kg	Net Weight	3.200			3.300		
l	Oil Tank Capacity	190			190		

- 1) Stroke = 70% Tie Bar Clearance, 70% Clamping Force
- 2) For PS: 10 s Cycle Time, 1,5 D Screw Stroke
- 3) Other L/D on Request
- 4) According to Ferromatik Milacron Specification
- 5) Option

2nd Injection Unit Optional with Position							
111 : V - H - VM							
	mm	18	25	30	mm	Screw Diameter	
265 : V - H - VM							
	mm	30	35	40	mm	Screw Diameter	

2nd Injection Unit Optional with Position

- V = Vertical
- H = Horizontal
- PB = Piggy Back
- T = Traversing
- VM = Vertical Monosandwich
- HM = Horizontal Monosandwich