

K-TEC 85 S / 110 S

Clamping Unit		85 / 110
kN	Clamping Force	850 / 1.100
mm	Tie Bar Clearance (H x V)	470 x 470
mm	Clamping Platens Size (H x V)	690 x 690
mm	Mold Opening Stroke	550
mm	Distance Between Platens max.	800
mm	Mold Installation Height min./max.	250 / -
kg	Mold Weight max. (moving / fixed)	800 / 400
kN	Opening Force	52
kN	Ejector Force	50
mm	Ejector Stroke	150
s - mm	Dry Cyle (Euromap 6) ¹⁾	2 - 329

Injection Unit		265			493		
mm	Screw Diameter	30	35	40	40	45	50
bar	Injection Pressure max.	2.292	1.964	1.504	2.240	1.936	1.568
cm ³	Stroke Volume max.	99	135	176	201	254	314
g	Injected Weight max. (PS)	90	123	160	183	231	286
mm	Screw Stroke		140			160	
mm	Unit Stroke		240			290	
kN	Nozzle Holding Force		47			47	
cm ³ /s	Injection Rate	280	380	495	570	720	885
min ⁻¹	Screw Speed		400			260	
g/s	Recovery Rate ²⁾	15	20	28	19	28	35
L/D	Active Screw Length ³⁾	20	20	17,3	20	21,4	19,3
qty	Number of Heating Zones		4 + 1			4 + 1	
kW	Total Heating Capacity	6,4	10,4	10,4	12,7	14,5	14,5

General Data		85 / 110 - 265			85 / 110 - 493		
kW	Total Connected Power ⁴⁾	26	29	29	31	32	32
m	Machine Dimensions (L x W x H)	4,95 x 1,56 x 1,96			4,95 x 1,56 x 1,96		
kg	Net Weight	5.300			5.500		
l	Oil Tank Capacity	290			290		

- 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 - PB - VM							
	mm	18	25	30	mm	Screw Diameter	
265 : V - H - PB - 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