

## K-TEC 175 S / K-TEC 200 S

Clamping Unit		175 / 200
kN	Clamping Force	1.750 / 2.000
mm	Tie Bar Clearance (H x V)	560 x 560 (630 x 630, 750 x 750) <sup>5)</sup>
mm	Clamping Platens Size (H x V)	830 x 935 (970 x 1.035, 1.110 x 1.165) <sup>5)</sup>
mm	Mold Opening Stroke	750
mm	Distance Between Platens max.	1.045
mm	Mold Installation Height min./max.	295 / -
kg	Mold Weight max. (moving / fixed)	1.450 / 700
kN	Opening Force	119 / 134
kN	Ejector Force	85
mm	Ejector Stroke	180
s - mm	Dry Cyle (Euromap 6) <sup>1)</sup>	1,6 - 392

Injection Unit		493			1000		1650	
mm	Screw Diameter	40	45	50	50	60	60	70
bar	Injection Pressure max.	2.240	1.936	1.568	2.268	1.575	2.144	1.575
cm <sup>3</sup>	Stroke Volume max.	201	254	314	441	636	763	1.039
g	Injected Weight max. (PS)	183	231	286	401	579	694	946
mm	Screw Stroke	160			225		270	
mm	Unit Stroke	290			525		525	
kN	Nozzle Holding Force	47			63		115	
cm <sup>3</sup> /s	Injection Rate	570	720	885	1.480	2.000	1.480	2.000
min <sup>-1</sup>	Screw Speed	330			320		275	
g/s	Recovery Rate <sup>2)</sup>	25	32	40	52	65	60	67
L/D	Active Screw Length <sup>3)</sup>	20	21,4	19,3	22	18,3	22	18,6
qty	Number of Heating Zones	4 + 1			4 + 1		4 + 1	
kW	Total Heating Capacity	12,7	14,5	14,5	18,2	18,2	22,7	22,7

General Data		175 / 200 - 493			175 / 200 - 1000		175 / 200 - 1650	
kW	Total Connected Power <sup>4)</sup>	46	47	47	50		71	
m	Machine Dimensions (L x W x H)	6,85 x 2,04 x 2,55			6,87 x 2,04 x 2,55		7,30 x 2,04 x 2,55	
kg	Net Weight	12.000			13.000		13.800	
l	Oil Tank Capacity	500			500		500	

- 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 - T - VM							
	mm	18	25	30	mm	Screw Diameter	
265 : V - H - PB - T - VM							
	mm	30	35	40	mm	Screw Diameter	
493 : V - H - T - VM							
	mm	40	45	50	mm	Screw Diameter	
1000 : H - HM							
	mm	45	50	60	mm	Screw Diameter	

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