

## K-TEC 155 S

Clamping Unit		155
kN	Clamping Force	1.550
mm	Tie Bar Clearance (H x V)	500 x 500 (560 x 560) <sup>5)</sup>
mm	Clamping Platens Size (H x V)	750 x 750 (810 x 830) <sup>5)</sup>
mm	Mold Opening Stroke	650
mm	Distance Between Platens max.	950
mm	Mold Installation Height min./max.	300 / -
kg	Mold Weight max. (moving / fixed)	1.200 / 600
kN	Opening Force	86
kN	Ejector Force	50
mm	Ejector Stroke	180
s - mm	Dry Cyle (Euromap 6) <sup>1)</sup>	2 - 350

Injection Unit		265			493			970		
mm	Screw Diameter	30	35	40	40	45	50	45	50	60
bar	Injection Pressure max.	2.292	1.964	1.504	2.240	1.936	1.568	2.294	2.058	1.429
cm <sup>3</sup>	Stroke Volume max.	99	135	176	201	254	314	382	471	679
g	Injected Weight max. (PS)	90	123	160	183	231	286	375	429	618
mm	Screw Stroke	140			160			240		
mm	Unit Stroke	240			290			400		
kN	Nozzle Holding Force	47			47			63		
cm <sup>3</sup> /s	Injection Rate	280	380	495	570	720	885	636	785	1.131
min <sup>-1</sup>	Screw Speed	400			320			300		
g/s	Recovery Rate <sup>2)</sup>	15	20	28	25	32	40	28	44	55
L/D	Active Screw Length <sup>3)</sup>	20	20	17,3	20	21,4	19,3	22	24,2	20
qty	Number of Heating Zones	4 + 1			4 + 1			4 + 1		
kW	Total Heating Capacity	6,4	10,4	10,4	12,7	14,5	14,5	16,1	18,8	18,8

General Data		155 - 265			155 - 493			155 - 970		
kW	Total Connected Power <sup>4)</sup>	34	37	37	39	40	40	41	43	43
m	Machine Dimensions (L x W x H)	5,52 x 1,73 x 2,36			5,52 x 1,73 x 2,36			6,39 x 1,73 x 2,36		
kg	Net Weight	7.600			7.800			8.200		
l	Oil Tank Capacity	480			480			480		

- 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
493 : H						
	mm	40	45	50	mm	Screw Diameter

2nd Injection Unit Optional with Position

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