

## K-TEC 320 S / K-TEC 350 S

| Clamping Unit |                                    | 320 / 350                                   |
|---------------|------------------------------------|---|
| kN            | Clamping Force                     | 3.200 / 3.500                               |
| mm            | Tie Bar Clearance (H x V)          | 750 x 750 (825 x 825) <sup>5)</sup>         |
| mm            | Clamping Platens Size (H x V)      | 1.110 x 1.165 (1.110 x 1.195) <sup>5)</sup> |
| mm            | Mold Opening Stroke                | 850   |
| mm            | Distance Between Platens max.      | 1.230                                       |
| mm            | Mold Installation Height min./max. | 380 / -                                     |
| kg            | Mold Weight max. (moving / fixed)  | 3.000 / 1.500                               |
| kN            | Opening Force                      | 179   |
| kN            | Ejector Force                      | 85  |
| mm            | Ejector Stroke                     | 200   |
| s - mm        | Dry Cyle (Euromap 6) <sup>1)</sup> | 2,1 - 525                                   |

| Injection Unit     |                                   | 1000  |       | 1650  |       | 2650  |       |
|--------------------|-----------------------------------|-------|-------|-------|-------|-------|-------|
| mm                 | Screw Diameter                    | 50    | 60    | 60    | 70    | 70    | 80    |
| bar                | Injection Pressure max.           | 2.268 | 1.575 | 2.144 | 1.575 | 2.175 | 1.665 |
| cm <sup>3</sup>    | Stroke Volume max.                | 441   | 636   | 763   | 1.039 | 1.213 | 1.583 |
| g                  | Injected Weight max. (PS)         | 401   | 579   | 694   | 946   | 1.104 | 1.441 |
| mm                 | Screw Stroke                      | 225   |       | 270   |       | 315   |       |
| mm                 | Unit Stroke                       | 525   |       | 525   |       | 525   |       |
| kN                 | Nozzle Holding Force              | 63    |       | 115   |       | 115   |       |
| cm <sup>3</sup> /s | Injection Rate                    | 1.480 | 2.000 | 1.480 | 2.000 | 1.550 | 2.000 |
| min <sup>-1</sup>  | Screw Speed                       | 320   |       | 275   |       | 240   |       |
| g/s                | Recovery Rate <sup>2)</sup>       | 52    | 65    | 60    | 67    | 73    | 85    |
| L/D                | Active Screw Length <sup>3)</sup> | 22    | 18,3  | 22    | 18,6  | 22    | 19,3  |
| qty                | Number of Heating Zones           | 4 + 1 |       | 4 + 1 |       | 4 + 1 |       |
| kW                 | Total Heating Capacity            | 18,2  | 18,2  | 22,7  | 22,7  | 30,7  | 30,7  |

| General Data |                                     | 320 / 350 - 1000   | 320 / 350 - 1650   | 320 / 350 - 2650   |
|--------------|-------------------------------------|--------------------|--------------------|--------------------|
| kW           | Total Connected Power <sup>4)</sup> | 68                 | 71                 | 77                 |
| m            | Machine Dimensions (L x W x H)      | 7,69 x 2,22 x 2,76 | 8,02 x 2,22 x 2,76 | 8,44 x 2,22 x 2,76 |
| kg           | Net Weight                          | 20.500             | 21.000             | 22.000             |
| l            | Oil Tank Capacity                   | 680                | 680                | 680                |

- 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                      |    |    |    |    |    |                |  |
|   | mm | 18 | 25 | 30 | mm | Screw Diameter |  |
| 265 : V - H - PB - T                      |    |    |    |    |    |                |  |
|   | mm | 30 | 35 | 40 | mm | Screw Diameter |  |
| 493 : V - H - PB - T - VM                 |    |    |    |    |    |                |  |
|   | mm | 40 | 45 | 50 | mm | Screw Diameter |  |
| 970 : T 1000 : H - HM                     |    |    |    |    |    |                |  |
|   | mm | 45 | 50 | 60 | mm | Screw Diameter |  |
| 2650 : HM                                 |    |    |    |    |    |                |  |
|   | mm | 70 | 80 |    | mm | Screw Diameter |  |

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