



## SE75EV (Metric Units)

Advanced All-Electric Series



### CLAMP SPECIFICATIONS

|                                 |        |                          |
|---------------------------------|--------|--------------------------|
| Clamping force                  | kN     | 750                      |
| Distance between tie-bars       | mm     | 410 x 410                |
| Overall size of platens (H x V) | mm     | 580 x 580                |
| Open daylight (max.)            | mm     | 710                      |
| Mold space (min.-max.)          | mm     | 160 – 410                |
| Opening stroke (max.)           | mm     | 300                      |
| Mold open/close speed (max.)    | mm/sec | 1200                     |
| Locating ring diameter          | mm     | 101.6                    |
| Ejector pattern                 |        | Center, 178mm (5 points) |
| Ejector stroke                  | mm     | 80                       |
| Ejector force                   | kN     | 26                       |

### INJECTION SPECIFICATIONS

| Plasticizing unit              |                      | C110S    |      |      | C160S    |      |      | C250M    |      |      |
|--------------------------------|----------------------|----------|------|------|----------|------|------|----------|------|------|
| Screw diameter                 | mm                   | 22       | 25   | 28   | 25       | 28   | 32   | 28       | 32   | 36   |
| Injection pressure             | kgf/cm <sup>2</sup>  | 2795     | 2162 | 1775 | 2795     | 2224 | 1703 | 2897     | 2213 | 1744 |
| Holding pressure               | kgf/cm <sup>2</sup>  | 2795     | 2162 | 1775 | 2795     | 2224 | 1703 | 2897     | 2213 | 1744 |
| Injection capacity             | cm <sup>3</sup>      | 40       | 51   | 64   | 51       | 64   | 84   | 86       | 113  | 143  |
| Injection weight (GPPS)        | g                    | 38       | 49   | 61   | 49       | 61   | 80   | 83       | 108  | 137  |
|                                | oz                   | 1.3      | 1.7  | 2.2  | 1.7      | 2.2  | 2.8  | 2.9      | 3.8  | 4.8  |
| Plasticizing capacity (max.)   | kg/hr                | 18       | 26   | 37   | 26       | 37   | 53   | 37       | 53   | 76   |
| Injection rate                 | cm <sup>3</sup> /sec | 190      | 245  | 308  | 196      | 246  | 322  | 216      | 281  | 356  |
| Screw stroke                   | mm                   | 104      |      |      | 104      |      |      | 140      |      |      |
| Injection speed (max.)         | mm/sec               | 500      |      |      | 400      |      |      | 350      |      |      |
| Screw speed (rpm)              | rpm                  | 400      |      |      |          |      |      |          |      |      |
| Heater capacity (5 zones)      | KW                   | 3.6      | 4.2  | 4.8  | 4.2      | 4.8  | 5.4  | 6.5      | 7.5  | 8.4  |
| Nozzle contact force           | kgf                  | 1428     |      |      | 4385     |      |      | 4385     |      |      |
| Inj. unit stroke (penetration) | mm                   | 300 (30) |      |      | 300 (30) |      |      | 300 (45) |      |      |
| Hopper capacity                | liter                | 15       |      |      | 15       |      |      | 30       |      |      |

### MACHINE SPECIFICATIONS

|                        |      |  |
|------------------------|------|--|
| Main breaker capacity  | amps | 125  |
| Dimensions (L x W x H) | mm   | 4189x1152x1706      4189x1152x1706      4189x1152x1771 |
| Machine weight         | tonf | 3.0      3.1      3.2                                  |

**NOTE:** Specifications subject to change without notice.

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