



SE350HD (English Units)
High-Duty All-Electric

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CLAMP SPECIFICATIONS

| | | |
|---------------------------------|-----------|-------------------------------------|
| Clamping force | U.S. tons | 385 |
| Distance between tie-bars | in | 29.92 x 27.95 |
| Overall size of platens (H x V) | in | 42.13 x 40.16 |
| Open daylight (max.) | in | 53.94 |
| Mold space (min.-max.) | in | 15.75 – 26.38 |
| Opening stroke (max.) | in | 27.56 |
| Mold open/close speed (max.) | in/sec | 51.18 |
| Locating ring diameter | in | 4.0 |
| Ejector pattern | | Center, 7.0 in, 16.0 in (13 points) |
| Ejector stroke | in | 5.91 |
| Ejector force | U.S. tons | 6.61 |

INJECTION SPECIFICATIONS

| Plasticizing unit | | C1100 | | C1600 | | C2200 | |
|-------------------------------------|----------------------|--------------|--------|--------------|--------|--------------|--------|
| Screw diameter | mm | 50 | 56 | 56 | 63 | 63 | 71 |
| Injection pressure | p.s.i. | 31,434 | 25,033 | 31,718 | 25,033 | 31,291 | 24,606 |
| Holding pressure | p.s.i. | 31,434 | 25,033 | 31,718 | 25,033 | 31,291 | 24,606 |
| Injection capacity | in ³ | 30.6 | 38.3 | 42.9 | 54.2 | 59.9 | 76.3 |
| Injection weight (GPPS) | g | 481 | 603 | 674 | 853 | 943 | 1200 |
| | oz | 17.0 | 21.4 | 23.9 | 30.2 | 33.4 | 42.4 |
| Plasticizing capacity (max.) | lb/hr | 278 | 375 | 375 | 500 | 500 | 507 |
| Screw speed (max.) | rpm | 250 | 250 | 250 | 250 | 250 | 250 |
| Heater capacity (6 zones) | KW | 21.5 | 23.4 | 23.4 | 31.6 | 31.6 | 33.7 |
| Injection rate (max.) | in ³ /sec | 19.2 | 24.0 | 24.0 | 30.5 | 30.5 | 38.6 |
| Injection speed (max.) | in/sec | 6.3 | | 6.3 | | 6.3 | |
| Screw stroke | in | 10.0 | | 11.2 | | 12.4 | |
| Nozzle contact force | U.S. tons | 6.61 | | 6.61 | | 6.61 | |
| Injection unit stroke (penetration) | in | 17.72 (2.56) | | 17.72 (2.56) | | 17.72 (2.56) | |
| Hopper capacity | in ³ | 6102 | | 6102 | | 6102 | |

MACHINE SPECIFICATIONS

| | | | | |
|--------------------------------|-----------|---------------|------|------|
| Main breaker capacity | amps | 200 @ 230V | | |
| Machine dimensions (L x W x H) | in | 295 x 70 x 88 | | |
| Machine weight | U.S. tons | 18.9 | 19.7 | 19.9 |

NOTE: Specifications subject to change without notice. Machine series photo at top may be different model size.