



# SE130DUZ-HD High-Duty (English Units)

Direct-Drive All-Electric

## CLAMP SPECIFICATIONS

|                                 |          |                           |
|---------------------------------|----------|---------------------------|
| Clamping force                  | U.S. ton | 143                       |
| Distance between tie-bars       | in       | 20.08 x 18.11             |
| Overall size of platens (H x V) | in       | 28.35 x 26.38             |
| Open daylight (max.)            | in       | 32.48                     |
| Mold space (min.-max.)          | in       | 7.09 - 17.72              |
| Opening stroke (max.)           | in       | 14.76                     |
| Mold open/close speed (max.)    | in/sec   | 47.2                      |
| Locating ring diameter          | in       | 4.0                       |
| Ejector pattern                 |          | Center, 7.0 in (5 points) |
| Ejector stroke                  | in       | 3.94                      |
| Ejector force                   | U.S. ton | 3.63                      |

## INJECTION SPECIFICATIONS

| Plasticizing unit              |                      | C160S                   |        |        | C250M        |        |        | C360M        |        |        | C450M        |        |        |
|--------------------------------|----------------------|-------------------------|--------|--------|--------------|--------|--------|--------------|--------|--------|--------------|--------|--------|
|                                |                      | 25                      | 28     | 32     | 28           | 32     | 36     | 32           | 36     | 40     | 36           | 40     | 45     |
| Screw diameter                 | mm                   | 25                      | 28     | 32     | 28           | 32     | 36     | 32           | 36     | 40     | 36           | 40     | 45     |
| Injection pressure             | p.s.i.               | 39,820                  | 31,710 | 24,320 | 41,240       | 31,570 | 24,890 | 39,670       | 31,280 | 24,320 | 37,680       | 30,430 | 24,030 |
| Holding pressure               | p.s.i.               | 39,820                  | 31,710 | 24,320 | 41,240       | 31,570 | 24,890 | 39,670       | 31,280 | 24,320 | 37,680       | 30,430 | 24,030 |
| Injection capacity             | in <sup>3</sup>      | 3.1                     | 3.9    | 5.1    | 5.2          | 6.9    | 8.7    | 7.9          | 9.9    | 12.3   | 9.9          | 12.3   | 15.5   |
| Injection weight (GPPS)        | g                    | 49                      | 61     | 80     | 83           | 108    | 137    | 124          | 156    | 193    | 156          | 193    | 244    |
|                                | oz                   | 1.7                     | 2.2    | 2.8    | 2.9          | 3.8    | 4.8    | 4.4          | 5.5    | 6.8    | 5.5          | 6.8    | 8.7    |
| Plasticizing capacity (max.)   | lb/hr                | 57                      | 81     | 117    | 81           | 117    | 167    | 117          | 167    | 222    | 167          | 222    | 300    |
| Injection rate                 | in <sup>3</sup> /sec | 12.0                    | 15.0   | 19.6   | 11.3         | 14.7   | 18.6   | 14.7         | 18.6   | 23.0   | 18.6         | 23.0   | 29.1   |
| Screw stroke                   | in                   | 4.09                    |        |        | 5.51         |        |        | 6.30         |        |        | 6.30         |        |        |
| Injection speed (max.)         | in/sec               | 11.8                    |        |        | 5.9          |        |        |              |        |        |              |        |        |
| Screw speed (rpm)              | rpm                  | 400                     |        |        | 400          |        |        | 400          |        |        | 400          |        |        |
| Heater capacity (5 Zones)      | KW                   | 4.3                     | 4.8    | 5.5    | 6.6          | 7.6    | 8.5    | 7.6          | 8.5    | 10.4   | 8.5          | 10.4   | 11.0   |
| Nozzle contact force           | U.S. ton             | 1.32 or 1.65 selectable |        |        |              |        |        |              |        |        |              |        |        |
| Inj. unit stroke (penetration) | in                   | 12.01 (1.18)            |        |        | 13.19 (1.77) |        |        | 13.19 (1.77) |        |        | 13.19 (1.77) |        |        |
| Hopper capacity                | in <sup>3</sup>      | 915                     |        |        | 1831         |        |        | 1831         |        |        | 3051         |        |        |

## MACHINE SPECIFICATIONS

|                        |          |               |  |  |               |  |  |               |  |  |               |  |  |
|------------------------|----------|---------------|--|--|---------------|--|--|---------------|--|--|---------------|--|--|
| Main breaker capacity  | amps     | 175           |  |  |               |  |  |               |  |  |               |  |  |
| Dimensions (L x W x H) | in       | 197 x 49 x 73 |  |  | 197 x 49 x 76 |  |  | 197 x 49 x 76 |  |  | 197 x 49 x 80 |  |  |
| Machine weight         | U.S. ton | 5.3           |  |  | 5.9           |  |  | 6.0           |  |  | 6.1           |  |  |

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