



| | | J280AD-460H | | | J280AD-890H | | | |
|----------------------|----------------------------------|--------------------|------------------------------|-----|-------------|--------------------|-----|------|
| Injection Unit | Screw / Barrel Type | - | K | A | B | K | A | B |
| | Screw Dia. | mm | 46 | 53 | 58 | 58 | 66 | 72 |
| | Screw L/D | - | 24 | | | 24 | | |
| | Screw Stroke | mm | 210 | | | 260 | | |
| | Injection Capacity (Theoretical) | cm ³ | 349 | 463 | 555 | 687 | 890 | 1059 |
| | Injection Capacity (GP-PS) | g | 318 | 421 | 505 | 625 | 810 | 965 |
| | Injection Pressure (Max) | MPa | 234 | 177 | 147 | 229 | 177 | 149 |
| | Holding Pressure (Max) | MPa | 213 | 161 | 134 | 208 | 161 | 135 |
| | Injection Speed | mm/s | 300 | | | 270 | | |
| | Injection Rate | cm ³ /s | 499 | 662 | 793 | 713 | 924 | 1099 |
| | Injection Drive Unit | - | High-Speed (HS) | | | High-Speed (HS) | | |
| | Screw Design | - | M7 Screw | | | M7 screw | | |
| | Plasticizing Rate (GP-PS) | kg/h | 161 | 228 | 275 | 197 | 282 | 336 |
| | Screw Speed | min ⁻¹ | 350 | | | 330 | 270 | 250 |
| | Nozzle Movement Mechanism | - | Hydraulic cylinder drive (2) | | | | | |
| | IU Moving Support | - | Linear guide | | | | | |
| | Nozzle Contact Force | kN | 59.2 | | | | | |
| | Nozzle Stroke from Platen | mm | 50 | | | | | |
| | Injection Head | - | Shut-off nozzle | | | | | |
| | Cylinder Temperature Control | - | Cylinder 4 / Nozzle 1 | | | | | |
| Barrel Heater Output | - | Output up (H1, H2) | | | | | | |
| Clamping Unit | Clamping type | - | Double toggle | | | | | |
| | Clamping force | kN | 2750 | | | | | |
| | Platen rigidity | - | High-rigidity specification | | | | | |
| | MC/MO drive unit | - | High speed | | | | | |
| | Movable Platen Support | - | Linear guide | | | | | |
| | Mold support | - | Linear guide | | | | | |
| | Mounting pad | - | High-rigidity specification | | | | | |
| | Daylight opening (Max) | mm | 1420 | | | | | |
| | Mold opening stroke (Max) | mm | 600 | | | | | |
| | Mold height | mm | 450 - 820 | | | | | |
| | Distance between tie-bars (H*V) | mm | 630 x 630 (730 x 630 WP) | | | | | |
| | Platen size (Max) | mm | 935 x 935 (1035x935 WP) | | | | | |
| | Ejector points | - | 13 | | | | | |
| | Ejector force | kN | 59 | | | | | |
| Ejector stroke | mm | 150 | | | | | | |
| General | Machine mass | ton | 15.1 | | | 16.0 | | |
| | Machine size (L*W*H) | m | 7.26 x 2.03 x 2.21 | | | 8.04 x 2.03 x 2.21 | | |

JSW THE JAPAN STEEL WORKS, LTD.

URL <http://www.jsw.co.jp/>

Division Gate City Ohsaki-West Tower, 11-1, Osaki 1-chome, Shinagawa-ku,
Head Quarter: Tokyo 141-0032, Japan
Phone: +81-3-5745-2081 Fax: +81-3-5745-2083~84
URL http://www.jsw.co.jp/inj_f/inj_index.htm

JSW Plastics Machinery Inc.

Head Office: 555 South Promenade Ave., Unit 104, Corona, California 92879, U.S.A.
Phone: +1-951-898-0934 Fax: +1-951-898-0944
Chicago Office: 540 Capital Drive, Suite 130, Lake Zurich, Illinois 60047, U.S.A.
Phone: +1-847-550-0704 Fax: +1-847-550-0725
Detroit Office: 24404 Catherine Industrial Drive, Suite 310 NOVI, Michigan 48375, U.S.A.
Phone: +1-248-449-5422 Fax: +1-248-449-6018

JSW Plastics Machinery (S) Pte Ltd

Head Office: 17, Gul Lane, Jurong Town, Singapore 629413, Republic of Singapore
Phone: +65-68614511 Fax: +65-68623166
Philippine Office: Chemdis Bldg., Don Jesus Blvd., Alabang Hills Village, Muntinlupa City,
Philippines
Phone: +63-2-809-8982 Fax: +63-2-809-6221
Indonesia Office: Graha Cevril, Jl. Senopati Raya No.6A, Jakarta 12110, Indonesia
Phone: +62-21-725-7486 Fax: +62-21-725-7865

JSW Plastics Machinery (M) SDN. BHD.

D6-5-G,(Ground Floor), Block D6, Pusat Perdagangan Dana 1,
Jalan Pju 1A/46, 47301, Petaling Jaya,
Selangor Darul Ehsan, Malaysia
Phone: +60-3-78426076 Fax: +60-3-78426078

JSW Plastics Machinery (T) Co., Ltd.

368/4 Soi Soonvijai 4, Rama IX Road, Bangkok, Huaykwang,
Bangkok 10310, Thailand
Phone: +66-2-369-4007 Fax: +66-2-369-4035

JSW Plastics Machinery Vietnam Ltd.

Room103, Techno-Center Thang Long Industrial Park Dong Anh District,
Hanoi, Viet Nam
Phone: +84-4-951-6383 Fax: +84-4-951-6384

JSW Plastics Machinery (H.K.) Co., Ltd.

Room 907, Corporation Park, 11 On Lai Street, Shatin N.T., Hong Kong
Phone: +852-2648-0720 Fax: +852-2686-8204

JSW Injection Machine Maintenance (Shenzhen) Co., Ltd.

1/F., Block A, Sanhe Industrial Park, Yongxin Street, Yingrenshi Village,
Shiyan Town, Baoan District, Shenzhen, 518108, People's Republic of China
Phone: +86-755-8602-0930 Fax: +86-755-8602-0934

JSW Plastics Machinery (Shanghai) Corp.

14-C, Strength Plaza, No.600-4, Tianshan Road, Shanghai, 200051,
People's Republic of China
Phone: +86-21-5206-7031 Fax: +86-21-5206-7033

JSW Plastics Machinery (TAIWAN) Corp.

Head Office: 1F., No.23, Da Hu 1st Rd., Guishan Shiang, Taoyuan, Taiwan, R.O.C.
Phone: +886-3-396-2102 Fax: +886-3-396-2104
Tainan Office: 15F-7, No.689-78, Shiau E. Rd., Yungkuang City Tainan, Taiwan, R.O.C.
Phone: +886-6-311-4192 Fax: +886-6-311-4193