

Machine Name : Injection Molding Machine

Brand : JSW

Machine Model : J1800EL III-5200H

Stock No. : 811668

Ex-factory Date : 2010



Main Technical Parameters:

Injection Unit:

Screw diameter: 110 mm

Screw stroke: 550 mm

Theoretical injection volume: 5227 cm³

Injection weight (GP-PS): 4757 g

Max injection pressure: 172 MPa

Max holding pressure: 155 MPa

Injection speed: 160 mm/s

Injection rate: 1521 cm³/s

Plasticizing capacity: 580 kg/h

Screw speed: 130 rpm

Nozzle contact force: 59.0 kN (6.0 tf)

Nozzle stroke (distance to platen): 50 mm

Nozzle type: open nozzle

Temperature control zones: barrel 4 zones / nozzle 2 zones

Heating power: 55.0 kW

Clamping Unit:

Clamping force: 17,700 kN (1800 tf)

Max mold opening stroke: 1700 mm

Max daylight (open mold distance): 3200 mm

Mold height: 800–1500 mm

Tie bar spacing (H×V): 1850 × 1620 mm

Platen size (H×V): 2550 × 2320 mm

Ejector force: 380 kN (38.7 tf)

Ejector stroke: 300 mm

General Data:

Machine weight: 129 t

Machine dimensions (L×W×H): 1408 × 3720 × 3510 mm

“Official specifications, subject to actual machine.”



