

## TK1260 - JSW J450DS-1400H Electric Injection Molding Machine (2020)

Model: J450DS-1400H Electric Injection Molding Machine

SKU:

Year: 2020



### Description:

JSW J450DS-1400H Electric Injection Molding Machine (2020)

Brand: JSW

Model: J450DS-1400H

Type: All Electric Servo Drive Injection Molding Machine

SN: MM191403

Mfg Date: March 2020

Controller: JSW Syscom5000i

Run Time: 5894 hours

Total Cycles: 447864

### Injection Unit:

Screw Model: A

Screw Diameter: 2.99 in (76 mm)

Screw Stroke: 11.811 in (300 mm)

Theoretical Injection Capacity: 83.06 in<sup>3</sup> (1361 cm<sup>3</sup>)

Injection Capacity (GP-PS): 43.7 oz (1238 g)

Injection Pressure (max): 27560 psi (190 Mpa)  
Holding Pressure (max): 24800 psi (171 Mpa)  
Injection Speed: 19.69 in/s (500 mm/s)  
Injection acceleration: 1.5 G  
Injection rate: 138.4 in<sup>3</sup>/s (3.79 cm<sup>3</sup>/s)  
Plasticizing rate (GP-PS): 3.79 az/s (386 kg/hr)  
Screw Rotation speed: 240 rpm/min  
Nozzle touch force: 8.8 U.S.ton (78.5 kN) Hyd. Center Touch  
Nozzle stroke from Platen: 1.97 in (50 mm)  
Barel Temperature Control: Barrel 5 Nozzle 1  
Heater Wattage: 50.1 (H1/H2 Ceramic Heater) kW

**Clamping Unit:**

Clamp mechanism: Double Toggle  
Clamping force: 496.8 U.S.ton (4420 kN)  
Daylight: 66.93in (7100mm)  
Mold open stroke: 31.50 in (800mm)  
Platen open/close speed: High Speed  
Platen design: Standard  
Movable platen support: Linear Guide  
Mold height: 13.780 in~35.434 in (350mm~900mm)  
Distance between Tie bars: 35.43in x 31.87in (900mm x 810mm)  
Platen size (HxV): 51.18 in x 47.64 in (1300mm x 1210mm)  
Ejector points: 17  
Ejector force: 11.13 U.S.ton (99.0 kN)  
Ejector stroke: 7.078 in (180 mm)

Machine weight: 28.22 U.S.ton (25.6 t)  
Machine size (LxWxH): 28.28ft x 6.89ft x 7.25ft

