

Clamping force: 1200 tons

Injection unit

Screw diameter: 110 mm

Shot volume: 4847 cm<sup>3</sup>

Injected weight: 4410 g

Mold / Platens

Plate spacing: 1300 × 1200 mm

Minimum mold height: 600 mm

Maximum mold height: 1250 mm

Core pulls

Fixed core pulls: 2

Movable core pulls: 2

Valves / Zones

Pneumatic valves: 1

Hydraulic valves: 0

Heating zones: 4

Operating data

Operating hours: 63,296 h

Fully automatic operation time: 23,247 h

Number of shots: 781,107

## Automation & Peripherals

Robot: Sepro S7.45

Hopper: Moretto TMC12

Dosing unit: Symetric GM115-AD

axis X 3000 mm

axis Y 1100 mm

axis Z 2200 mm

nominal payload (part and end of arm tool) 30 kg

## Control & System

VISUAL 2 control

PC monitor with software

Direct PC-robot connection

CE certified

## Performance & Motion

High torque design

Powerful servo motors

Anti-vibration software

High acceleration

Short cycle times

## Installation & Cabinet

Fixed plate installation

Beam-mounted control cabinet

Optional floor-mounted cabinet

I/O & Interfaces

16x I/O

EU 67 interface cable (10 m)

USB/PC interface

Pneumatics & Vacuum

1 vacuum / pressure circuit (venturi)

C-axis pneumatic rotation (0–90°)

Teaching & Operation

Mobile teaching box

10" LCD display

10 m cable

Operation & maintenance manual

Spare parts list

power Supply

400V, 3-phase

Linear System & Durability

SLS linear guides (X & Z axis)

High reliability for heavy loads

Resistant to:

Abrasive dust

PVC vapors

Water vapor

Integrated lubrication

Low maintenance (1 × per year)

Robot Series

HAITIAN by SEPRO S7

Heavy duty design

High speed operation

Suitable for:

Axial configurations

Dual arms

Dual motion

Machine Compatibility

For IMM 700 – 5000 tons clamping force