

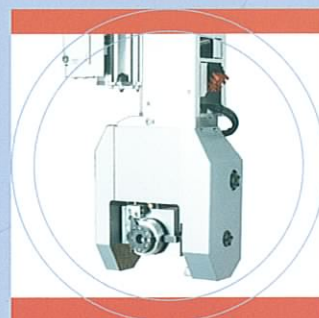
SR 4040



the robot by sepro



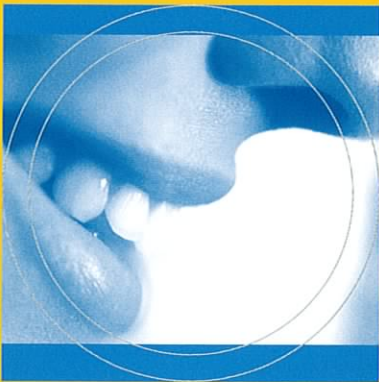
Generation IV SR 4040.
The dynamic and rigid robot
from 3 to 8 axes with CNC,
to automate Injection Moulding
Machines from 400 to 900 T.
Optional : some compact
and standardised CNC rotations
with high torque.



Signature for the future

SR 4040

Automation of injection moulding machines from 400T to 900T



◆ Mounting on IMM : transverse or axial layout

| SR 4040 |  | |
|---|---|--------------------|
| | Robot from 3 to 8 CNC axes (in S configuration) | |
| | SE3 | S3 |
| Transverse stroke (extendable on request) | 2000 mm | 2000 mm |
| Actuation | Servo-motor | Servo-motor |
| Maximum speed | 1,4 m/s | 3 m/s |
| Demoulding stroke (transverse layout) | 1000 mm | 1000 mm |
| Actuation | Servo-motor | Servo-motor |
| Maximum speed | 1,2 m/s | 3,2 m/s |
| Vertical stroke Direct arm standard | 1600 mm | 1600 mm |
| Telescopic arm (optional) | 2000 mm | 2000 mm |
| Actuation | Servo-motor | Servo-motor |
| Maximum speed | 4 m/s | 4 m/s |
| Standard rotation R1 parallel to beam axis | 0-90° Pneumatic | 0-90° Pneumatic |
| Maximum load capacity | 20 kgs : parts + gripper | |

Options

- ◆ On wrist
 - Pneumatic rotations
 - ◆ Pneumatic rotation R3 around the vertical axis 0-180° (or 90°)
 - ◆ Intermediate stop on R3 at 90°, allowing 3 positions during the cycle (0-90°-180°)
 - ◆ Elastic unit
 - ◆ Pneumatic secondary rotation R2 parallel to demoulding axis 0-180° (or 90°)
 - ◆ Intermediate stop on R2 at 90°, allowing 3 positions during the cycle (0-90°-180°)
 - CNC Rotations
 - ◆ Package {Rotation R3 around the vertical axis 0-270° and Rotation R1 parallel to transverse axis 0-180°}
 - ◆ Package {Rotation R1 parallel to transverse axis 0-180° and rotation R2 parallel to demoulding axis 0-270°}

