

RX series robots, together with the knowledge of HKTm, sectoral experience and advanced technology, have been designed for plastic injection machines.

RX20 robot model is designed for medium and large machine tonnages. Thanks to the movable X axis, the moment on the axis is reduced. In this way, it is ensured that injection applications with heavy parts and holders are carried out more safely. Stroke lengths determined according to machine dimensions allow your machine and robot to work compactly.

RX series robots can be learned quickly and easily thanks to the software designed with the principle of user friendly.

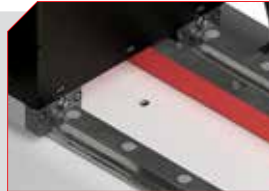
FAST ROBUST COMPATIBLE

Movable X Axis



Higher load carriage capacity and lower total height thanks to Mobile X Axis design. It offers the optimum mechanical system for large-sized robot hand designs.

Optimized Drive and Guiding System.



A fast, precise and silent operating motion system thanks to the drive and Guiding system optimized for operating at high speeds and accelerations.

Remote Access with Internet Connection.



Possibility of additional training and software version update via remote connection.

Control Flexibility with Tablet PC



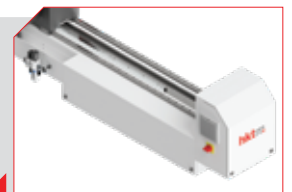
Control flexibility thanks to the wireless connection that can be integrated with all tablet computers. A specially designed user-friendly interface that is easy to learn and teach.

Smart Vibration Control



Thanks to positioning speed optimization, vibration caused by external impact is minimized actively.

Integrated Control Panel



The control panel enables external electrical connections to be made by bus cable and also enables external equipment to be controlled directly.

Custom design control panel, which is mounted on traverse axis, saves space in the plant.

RX20 CNC ROBOT

Thanks to the dynamic servo motors, high precision linear movement components and engineering of **Bosch Rexroth**, RX series robots are able to keep their pace and positions for each cycle at pick and place, insert placement, IML and quality assurance applications.

Thanks to Bosch Rexroth's new generation axis **control system ctrlX**, RX series robots integrate seamlessly and easily into all injection molding machines and applications and complete the machine.

Compact Design

- Low footprint on machine thanks to the compact design
- Additional free space thanks to the control panel located on main axis

Powerful and Dynamic Structure

- High rigidity and high precision thanks to steel profile axles
- Dedicatedly optimized drive and Guiding system provides high speed and acceleration
- Higher load carriage capacity thanks to X axis with body movement

Integrated Line Filter

- Standard line filter minimizes the interference by responding to them and makes a more secure process possible.

Easy Control

- Integration with all injection machines via Euromap interface (12 or 67)
- I/O support for robot arm equipment
- High speed communication with axles via EtherCAT protocol

User Interface

- 10.4" large screen
- Easy control and maximum efficiency of use with a specially designed user interface



Model	Payload (kg)	Pick and Place X Axis (mm)	Horizontal Stroke Z Axis (mm)	Vertical Stroke Y Axis (mm)	Appropriate Machine Tonnage (ton)
RX20	20	700 / 800 / 900	1950 / 2450 / 2950 / 3450	1400 / 1500 / 1600	450-1000