



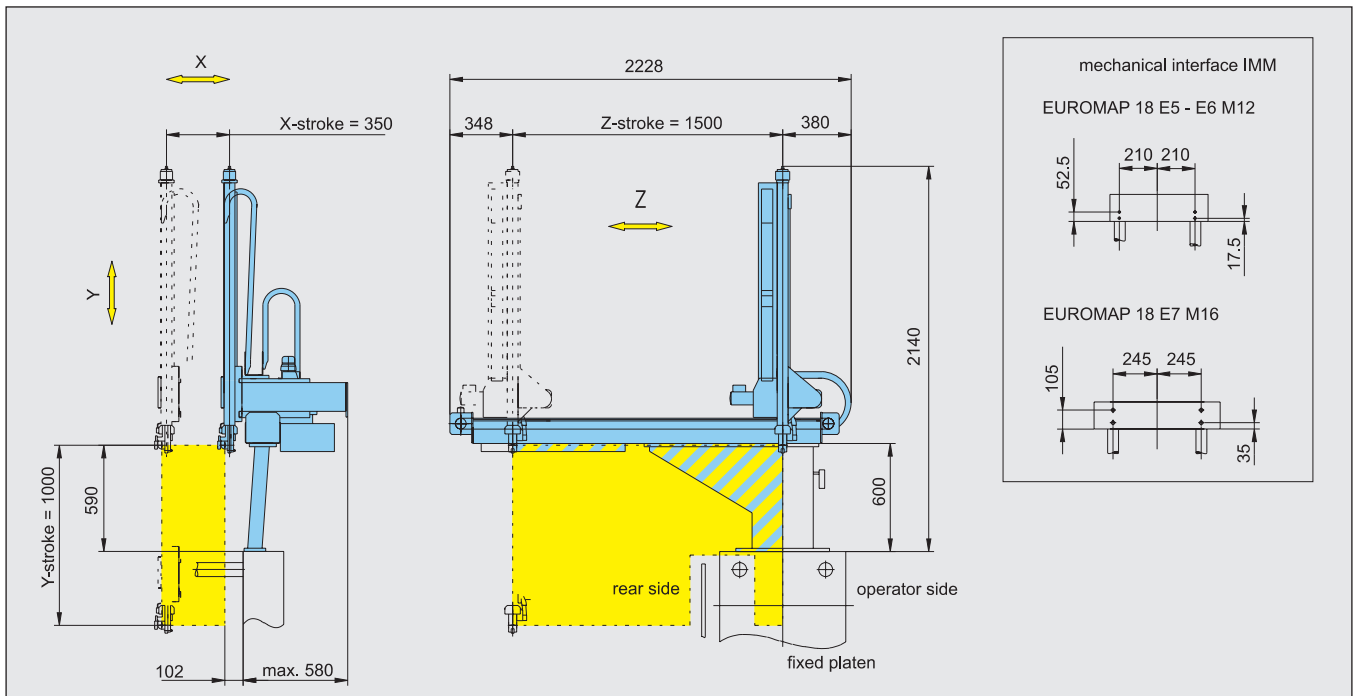
... Handling for Profit



MULTI FUNCTION

**Handling System
Robot Series RX 32**

Specification Characteristics RX 32



The special features of the REMAK handling system RX 32 are:

1. REMAK SPS 2000 control. It is possible to teach and/or to program up to 30 sequence programs together with 30 subprograms each with freely selectable names. For each of the 30 sequence

Model		RX 32
Injection molding machine	tons kN	55 - 330 ¹⁾ 500 - 3.000 ¹⁾
Demolding stroke X motor-driven	inch / m/s mm / m/s	13.8 / 1.1 350 / 1.1
Vertical stroke Y motor-telescope	inch / m/s mm / m/s	39.4 / 2.3 1.000 / 2.3
Traverse stroke Z motor-driven	inch / m/s mm / m/s	59.1 / 1.4 1.500 / 1.4
Tilting axis C degree/torque	Nm	90° / 15
Gripper functions		1 vacuum + 2 compressed air circuits + 2 parts monitoring (vacuum + air)
min. take-out time	s	2.5
min. cycle time	s	12.0
Cycles per minute		5
Working pressure	PSI bar	87/100 6 / 7.5
max. pay load (6 bars)	lbs kg	6.7 (incl. EOAT) 3 (incl. EOAT)
max. air pressure	PSI bar	135 10
air consumption per cycle without vacuum	cf NI	0.42 12.0
Power supply (connected load)		230/400 / 110/480 VAC, 60 Hz, 16 A
Protective system		IP 50 / IP 50
Weight	lbs kg	approx. 660 300

Subject to technical changes

¹⁾ if necessary change safety guards

programs 4 palletizing programs are available. Up to 100 counters can be in use. Start / stop function at the end of record is possible, e.g. stop at the end of cycle. Existing programs can be copied and stored under another name. Programming will be done through the hand-held programming system with 3-position dead-man's-switch and key pad, 32 keys with LED, 16-lines LCD display, illuminated with operator guidance. All displays – also error displays – in plain text. Via logbook-function the controller offers to display the last 200 actions.

2. Molded articles can be removed from fixed or moving half of the mold. For that it is necessary to turn the connection of the tilting axis by 180°. The parts can be dropped either on the operator or non-operator side.
3. The linear axes are driven by means of servo-motor with length measuring system (resolver-technique).
4. Extremely short take-out times - due to simultaneous movement of up to 3 axes - guarantee high productivity.
5. The RX 32 model feature a standard 90° C tilting axis.
6. The RX 32 unit offers in standard one vacuum and two compressed air gripper circuits, each (vacuum + compressed air) with part sensing.
7. Adaption to the injection molding machine via the mechanical interface EUROMAP 18 / SPI 3.0 and the electrical interface EUROMAP 12 / SPI 3.0.

Options:

- chipcard-reader
- rotation axis B 90°, alternatively 180°, pneumatic
- stacking axis S 10 mm / 0.5 inch, pneumatic
- automatic gripper-coupling
- many different EOATs
- safety guarding
- stepping signal for conveyor (24V)
- additional vacuum / gripper functions

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