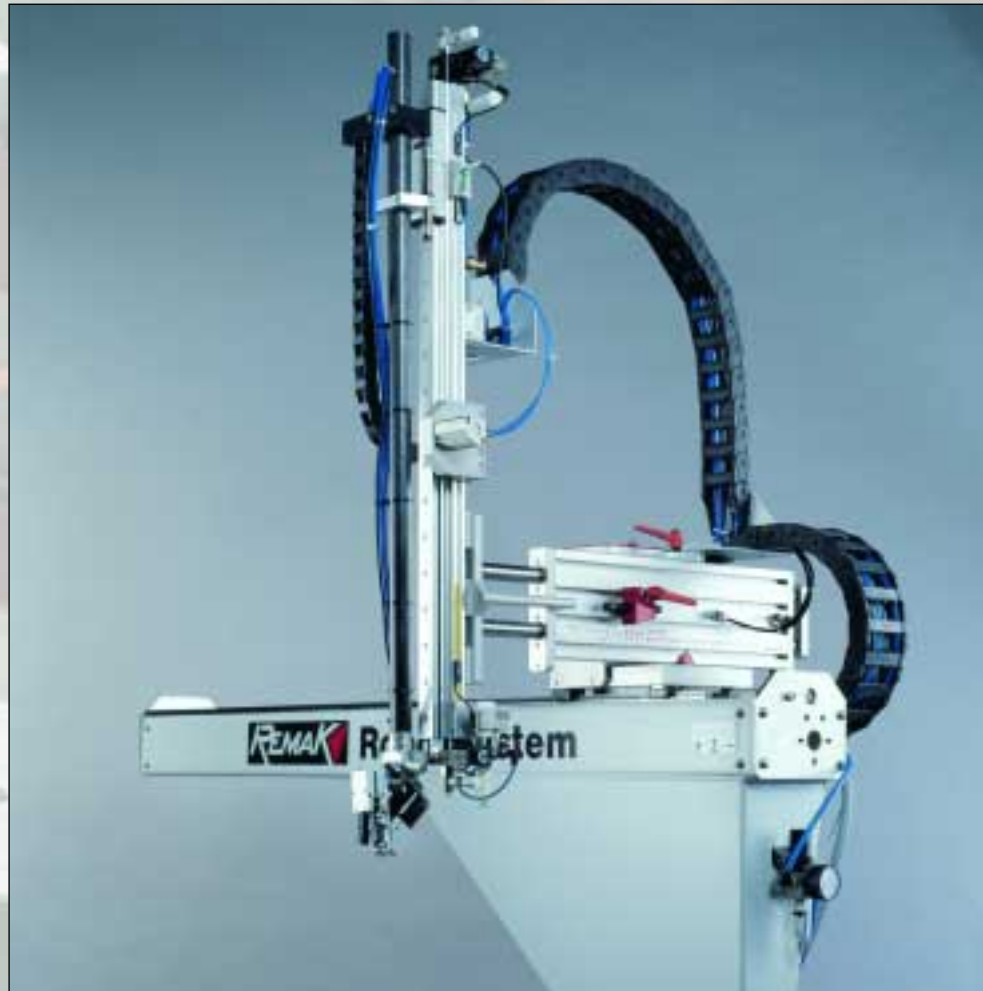




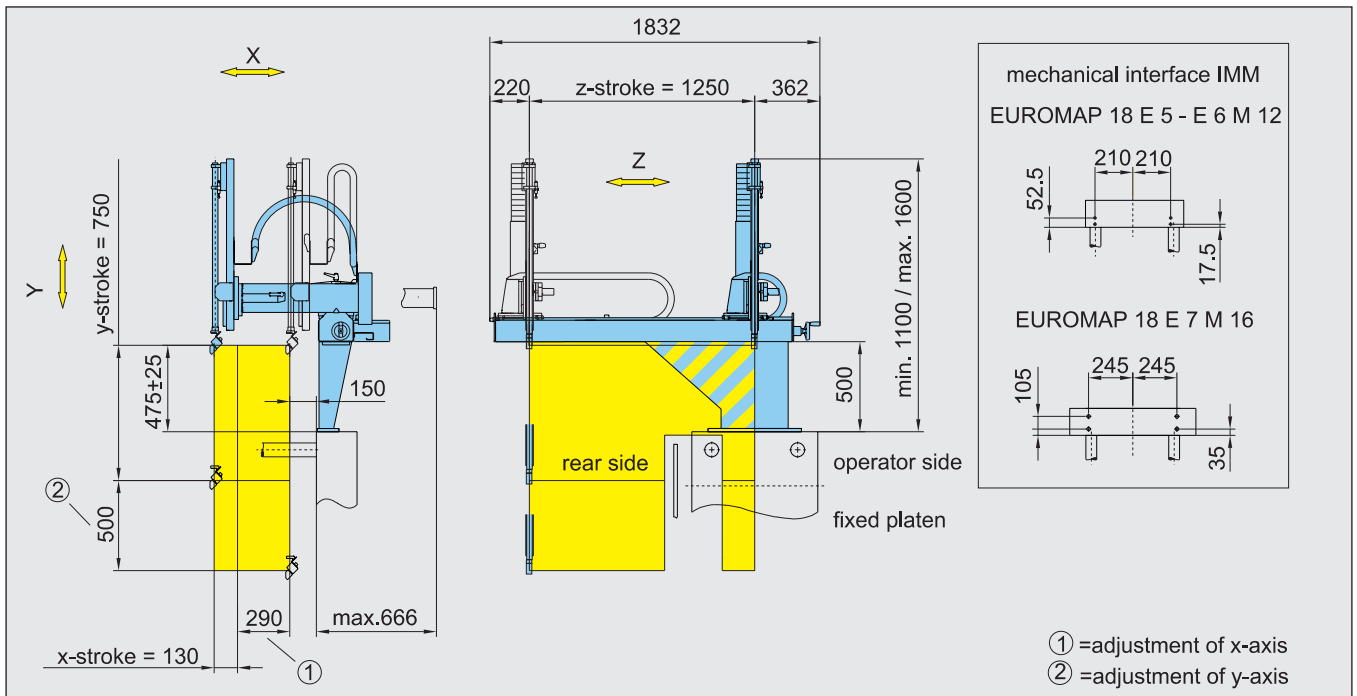
*... Handling for Profit*



**High-speed**

Handling-System  
Series RX 21

# Specification Characteristics RX 21



Model		RX 21
Injection molding machine	tons kN	22 - 440 <sup>1)</sup> 200 - 4.000 <sup>1)</sup>
Demolding stroke X adjustable	inch mm	0 - 5.1 0 - 130
Adjustment of X stroke	inch mm	5.9 - 22.4 150 - 570
Vertical stroke Y (Option)	inch mm	0 - 29 1/2 0 - 750 (850)
Adjustment of Y stroke	inch mm	19.7 500
Traverse stroke Z	inch mm	49.2 1250
Intermediate stop on Z-axis		1, adjustable
Tilting axis C		90°
Gripper functions		1 vacuum + 1 compressed air
min. take-out time	s	< 0.9
min. cycle time	s	< 7.5
Cycles per minute		8
Working pressure (normal / max.)	PSI bar	87 / 100 6 / 7.5
max. pay load at 6 bars (Option)	lbs g	2.2 / (4.4) incl. EOAT 1000 / (2000) incl. EOAT
max. air pressure	PSI bar	135 10
air consumption per cycle without vacuum	CF NI	0.65 18.2
Power supply		230/110 VAC, 60 Hz, 3 A
Weight	lbs kg	approx. 333 approx. 150

The special features of the REMAK RX 21 are:

- REMAK SPS 2000 control allows to program and to store as many as 25 different sequence programs with freely selectable names. Digital input of times via key pad. 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. The operation is done via hand-held programming unit with key pad, 32 keys with LED, operator guidance, 2x 20-digit LCD display, illuminated. All displays - also error displays - in plain text.
- Molded articles can be removed from fixed or moving half of the mold. The change-over can be easily performed by the user. The RX 21 comes with parts release either on the operator or non-operator side.
- The RX 21 models feature a standard 90° C tilting axis.
- An intermediate stop on Z-axis is offered as a standard.
- All parts with lifetime lubrication = maintenance-free.
- The RX 21 units feature one standard vacuum and one compressed air gripper function, each with part sensing.
- If the compressed air supply fails, a Y-lock (check valve, controlled) prevents lowering of gripper arm and so damage of gripper and/or mold.
- Extremely short take-out times (< 0.9 sec) guarantee high productivity
- 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:

- sprue gripping tongs
- many different EOATs/grippers
- external sprue cutting device
- safety guarding
- stepping signal for conveyor (24V)

Subject to technical changes

<sup>1)</sup> if necessary change safety guards

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