



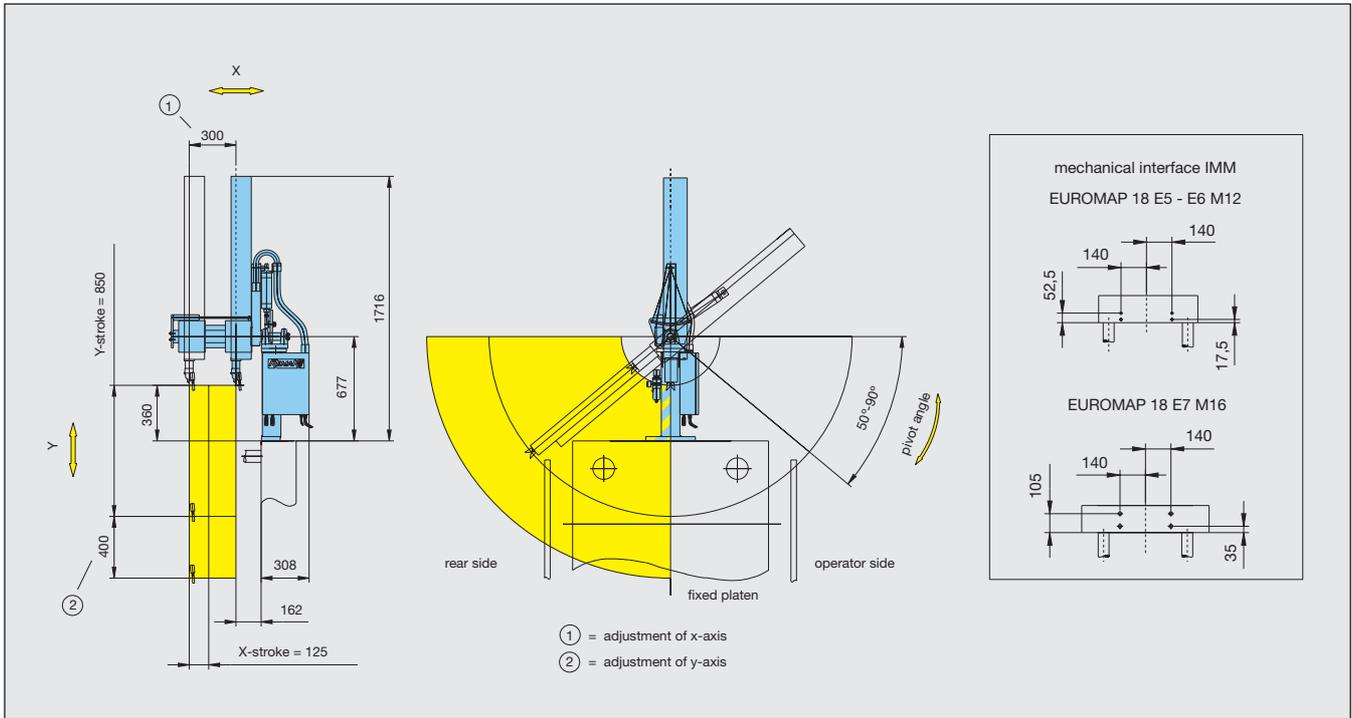
... Handling for Profit



Pick & Place

Component Removal-System
Sprue Removal-System
Series RX 15

Specification characteristics RX15



Model		RX 15	
Injection molding machine	tons kN	220 - 550 ¹⁾ 2000 - 5000 ¹⁾	
Demolding stroke X, adjustable	inch mm	0 - 4.9 0 - 125	
Working area X (limits)	inch mm	6.4 - 18.2 162 - 462	
Vertical stroke Y	inch mm	0 - 33.5 0 - 850	
Pivot point	inch mm	26.7 (+2 /+4) ²⁾ 677 (+50 /+100) ²⁾	
Adjustment of Y stroke	inch mm	15.75 400	
Pivot angle A		± 50° - 90°	
Drop of sprue		operator / non-operator side	
Arm rotation B (Option)		90°	
Gripper functions	standard option	sprue picker vacuum	
min. take-out time	s	1.2	
min. cycle time	s	3.0	
Working pressure (max.)	PSI bar	87 6	
max. pay load (6 bar) speed version	lbs / g lbs / g	6.7 / 3000 3.3 / 1500	
max. air pressure	PSI bar	135 10	
air consumption per cycle	NI	21	
Power supply		230 / 110 VAC, 60 Hz, 1 A	
Protective system unit/control		IP 30 / IP 32	
Weight	lbs kg	approx. 132 approx. 60	

The special features of the REMAK pick & place unit RX 15 are:

1. REMAK SPS 2000 control with a memory for max. 30 different sequence programs with 3 basic programs. Digital input of times via key pad. 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.
2. Sprues can be removed from fixed or moving half of the mold. The change-over can be easily performed by the user. Correspondingly, the unit can be changed from drop of sprues on the rear side of machine to drop of sprues on the operator's side. Release of sprue with retracted or extended Y-axis is possible.
3. The RX 15 unit is fitted as standard with a sprue gripper and part monitoring-system.
4. The lower waiting position above mold / position for mold closing signal can be adapted to the application.
5. The complete unit can be swung out of the way to allow molds to be changed.
6. If the compressed air supply fails, a Y-lock prevents damage of gripper and / or mold.
7. Extremely short take-out times (min. 1.2 sec) guarantee high productivity, especially with molds for high-speed production. Alternative the RX15 is capable to handle heavier piece-parts / end-of-arm-tooling.
8. Adaption to the injection molding machine via the mechanical interface Euromap 18, size E5/E6/E7 / VDMA 24465 and the electrical interface Euromap 12 / VDMA 24465.
9. The user can easily perform his own installation and commissioning.

Options:

- arm rotation B 90°.
- vacuum generator (Venturi) with parts monitoring
- adapter extension ²⁾ +2/ +4 inch / + 50/+100 mm.
- external sprue cutting system.
- stepping signal for conveyor (24V)

Subject to technical changes

¹⁾ if necessary change safety guards
²⁾ option adapter extension

REMAK MASCHINENBAU GMBH

Darmstädter Strasse 72
D-64354 Reinheim

Telefon: + 49 61 62 - 8 04 11
Telefax: + 49 61 62 - 8 04 59



eMail: info@remak-online.de
www.remak-online.de