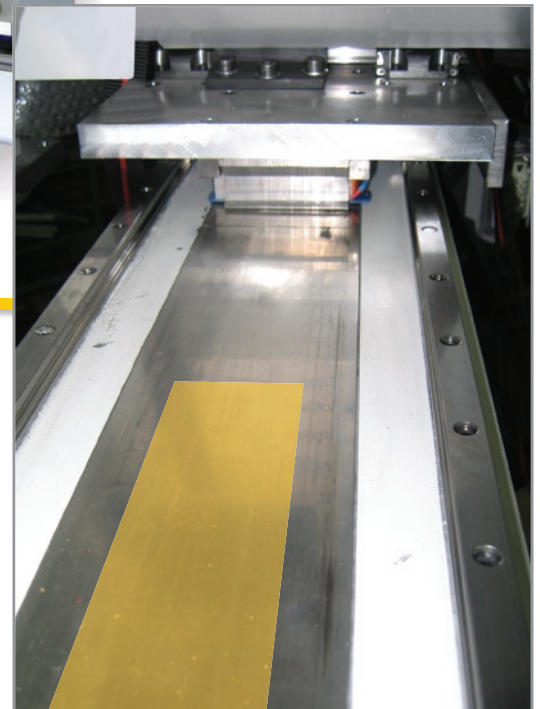




LR 16® Linear robot

- For challenging handling and automation tasks
- For injection moulding machines of up to 2500 kN
- Economic and fast by means of a high-dynamic linear drive system (optional)

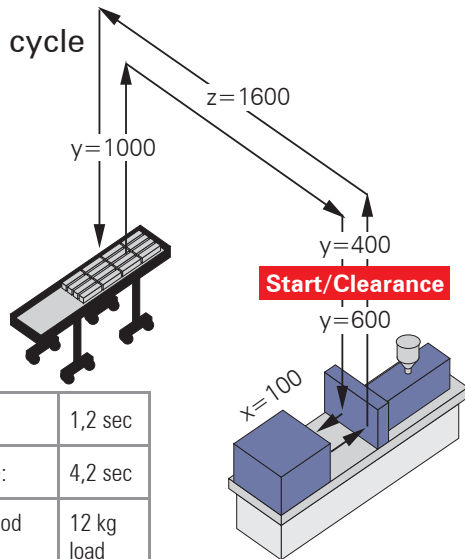


Axis	Description	Stroke (mm)	V max. (m/s)
X	Removal stroke	500 (600)	1,4
Y	Vertical stroke	1.000 (800, 1200, 1000-T, 1200-T)	4,1
Z	Transversal stroke	1.600 (1300, 1900, 2200, 2500, 2800, 3100, 3400, 3700)	3,3

Technical standard specifications

- X-, Y-, Z-axes with AC servo motors
- Repeating accuracy: $\pm 0,1\text{mm}$
- Part and gripper weight together: up to 6 kg
- Mains voltage: 400-480 V (50/60 Hz)
- Power rating: 1000 VA
- Compressed air supply: 6 bar, consumption approx. 2 NI/cycle (without vacuum)
- Two compressed air and two vacuum circuits
- Rotation module C0 (0/90°)
- Freely programmable control EasyControl including EasyTeach
- All the standard Euromap 67 signals

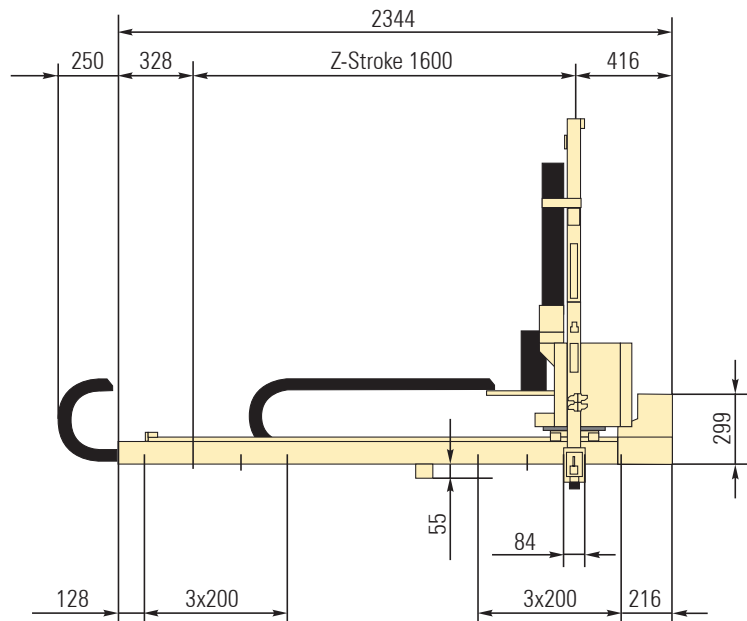
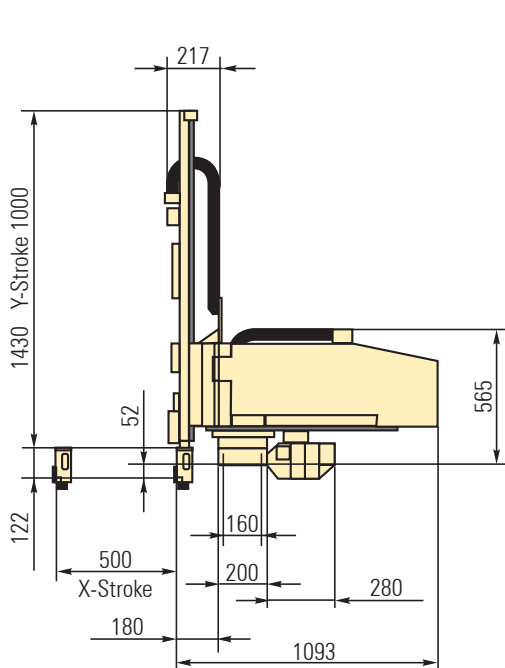
Measured cycle



Time of action:	1,2 sec
Total cycle-time:	4,2 sec
Dry running period with:	12 kg load

Options

- Servo driven B-axis
- Additional compressed air and vacuum circuits
- Pneumatic A and B rotation modules
- PC programming software (offline) EasySoft
- Linkage of the hardware by means of RS485
- CAN islands for controlling the peripheral devices
- SystemControl: Upgrade Kit for complex system engineering applications
- Adapter for Euromap 12 signals
- Further options upon request
- Part/gripper weight together: up to 10 kg



All data subject to change. Specifications and images for information purposes only.