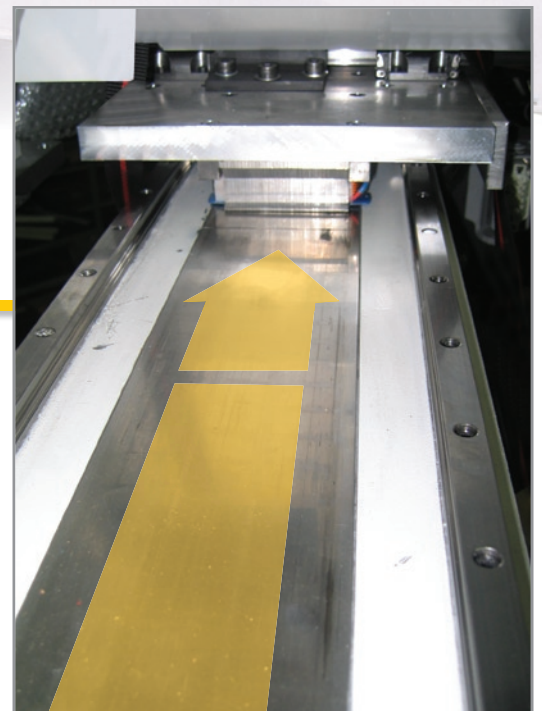


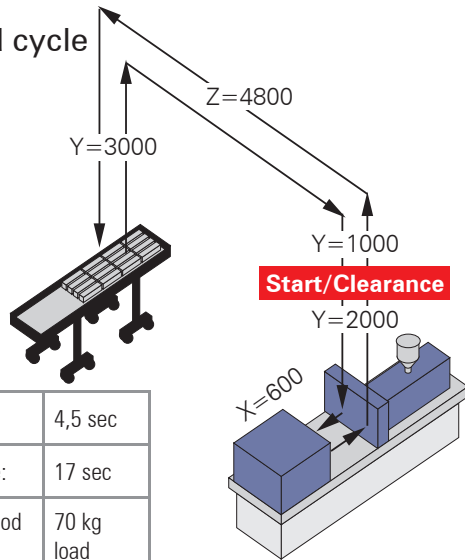
## LR 1000 Linear robot

- For challenging handling and automation tasks
- For injection moulding machines of up to 25000 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	1200 (2000)	1,3
Y	Vertical stroke	3000 (3600)	3,1 (2,2)
Z	Transversal stroke	4800 (3200, 4000, 5600)	1,5 (3,0 optional)

### Measured cycle



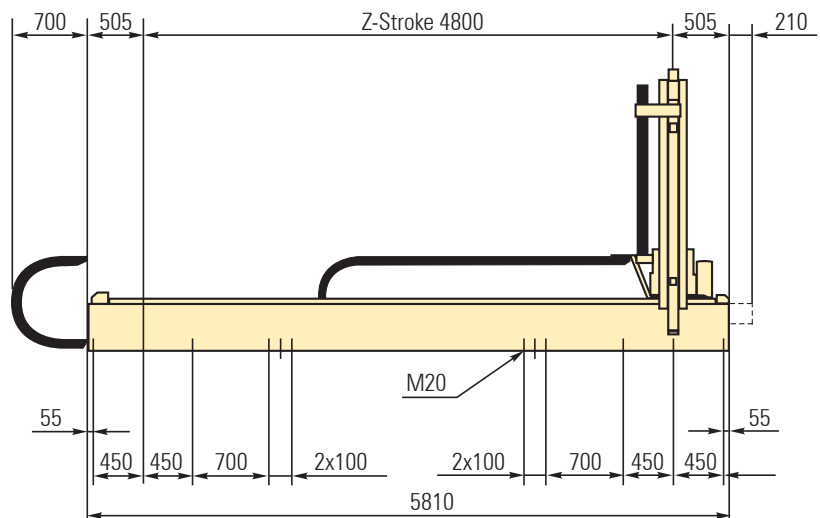
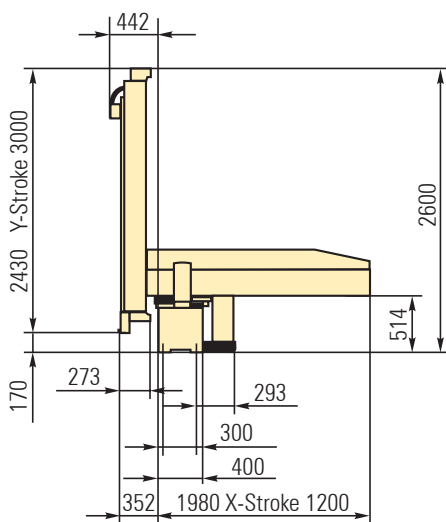
Time of action:	4,5 sec
Total cycle-time:	17 sec
Dry running period with:	70 kg load

### Technical standard specifications

- X-, Y-, Z-axes with AC servo motors
- Repeating accuracy:  $\pm 0,1$  mm
- Part and gripper weight together: up to 70 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)
- Y-axis telescopic
- 2 compressed air and vacuum circuits
- Freely programmable control EasyControl including EasyTeach
- All the standard Euromap 67 signals

### Options

- Single-stage axes
- Additional compressed air and vacuum circuits
- Pneumatic A-, B- and C-rotation modules
- PC programming software (offline) EasySoft
- Linkage of the hardware by means of RS485
- CAN islands to control the peripheral devices
- SystemControl: Upgrade Kit for complex system engineering applications
- Adapter for Euromap 12 signals
- Further options upon request



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