

## LL 80 Beam robot

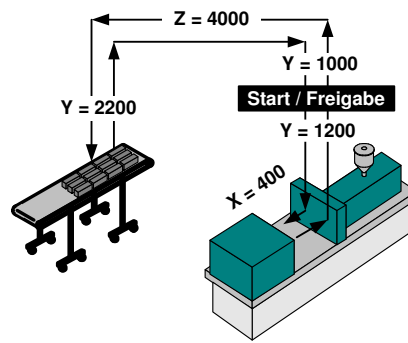
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### Powerful and reliable

- Modular design
- Dynamic AC servo motors with energy saving features
- Modular control technology with upgrade levels
- Part and gripper weight together: up to 50 kg
- For injection moulding machines up to 10000 kN

Axis	Designation	Stroke (mm)	V max. (m/s)
X	Removal stroke	1200 (800)	1.9
Y	Vertical stroke	2200 (1600) (2800)	2.6
Z	Transversal stroke	4000 (3200) (3600) (4400)	2.0

#### Measured cycle



**Time of action:**  
3.1 s

**Total cycle-time:**  
12.5 s

**Dry running period with:**  
50 kg load

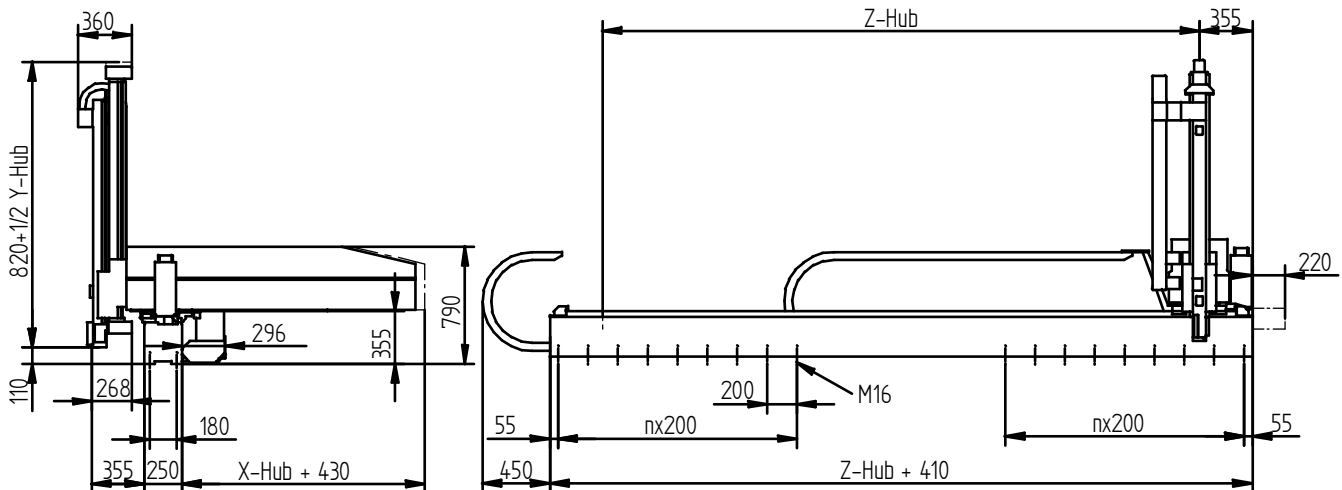
#### Technical standard specifications

- X-, Y-, Z-axes with AC servo motors
- Repeating accuracy:  $\pm 0,1$  mm
- Part and gripper weight together: up to 50 kg
- Mains voltage: 400-480 V (50/60 Hz)
- Power rating: 3500 VA
- Compressed air supply: 6 bar, consumption approx. 2 NI/cycle (without vacuum)
- Y-axis telescopic
- Two compressed air circuits and two vacuum circuits
- Freely programmable control EasyControl including EasyTeach
- All the standard Euromap 67 signals

#### Options

- Single-stage axes
- Additional compressed air circuits and vacuum circuits
- Pneumatic A, B and C rotation modules
- Motor drive A, B and C rotation modules
- PC programming software (offline) EasySoft
- Linkage of the hardware by means of Ethernet
- CAN islands for controlling the peripheral devices
- USB port for program backup
- Upgrade Kit ComfortControl, ComfortTouch included for graphic user interface (in place of EasyControl)
- Euromap 12
- Further options upon request

All indications and images are without guarantee and can change at any time.



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