

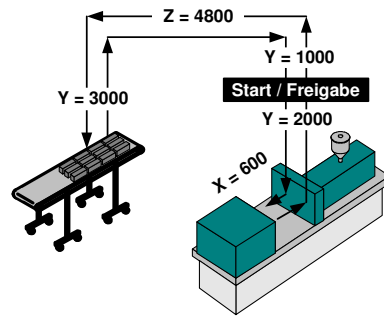
LL 90 beam robots

Powerful and reliable

- Modular design
- Dynamic AC servo motors with energy saving features
- Modular control technology with upgrade levels
- For injection moulding machines up to 25000 kN

Axis	Designation	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

Measured cycle



Time of action:
4.5 s

Total cycle-time:
17 s

Dry running period with:
70 kg load

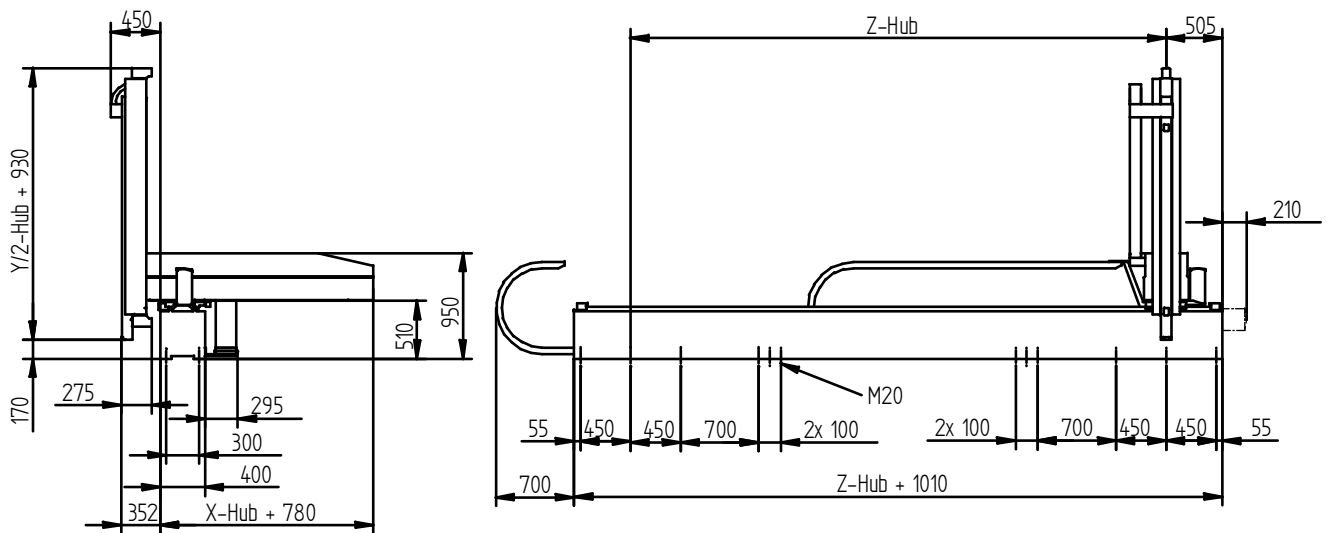
Technical standard specifications

- 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: 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 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 RS485
- CAN islands for controlling the peripheral devices
- SystemControl: Upgrade Kit for complex system engineering applications
- Upgrade Kit ComfortControl, ComfortTouch included activ version (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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