MAX200-2.5-P

MABI® ROBOTIC

Technical data

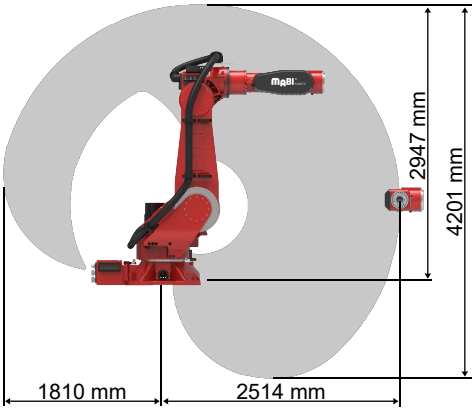
	MAX200-2.5-P
Payload	200kg / 441 lb
Work envelope	2514 mm / 98.8 inch
Number of axes	6
Mounting flange axis 6	DIN ISO 9409-1 160 11 M12
Secondary Encoder**	optical on all 6 axes
Pose accuracy (AP) / repeatability (RP)	0,2 mm / 0,02 mm
Distance accuracy (AT) / repeatability (RT)	0,12 mm / 0,03 mm
Multi directional pose accuracy vAP	0,02 mm
Protection class	IP65
Weight	1850 kg / 4078 lb
Footprint robot	1300 mm x 900 mm / 51.2 x 35.4 in
Ambient temperature	+5°C to +45°C
Air humidity	max. 95%
	Robot controller
Controller	SIEMENS SINUMERIK ONE
Power supply	360 - 440 VAC, 50/60 Hz
Protection class	IP54

* Mounting flange with additional threaded holes

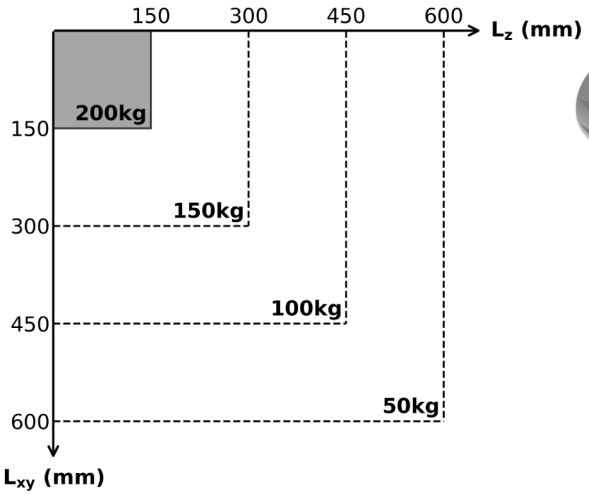
Axis data

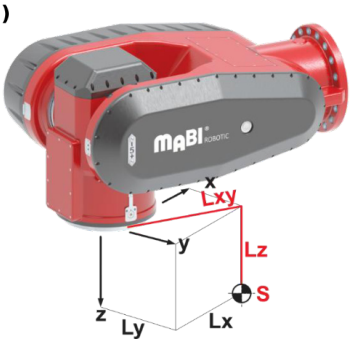
	Range	Speed
Axis 1	± 181°	69° / s
Axis 2	+150 / -78°	45° / s
Axis 3	+75° / -190°	69° / s
Axis 4	± 300°	120° / s
Axis 5	± 125	90° / s
Axis 6	*Endless	175° / s

* Recommendation with external cabling ± 185°



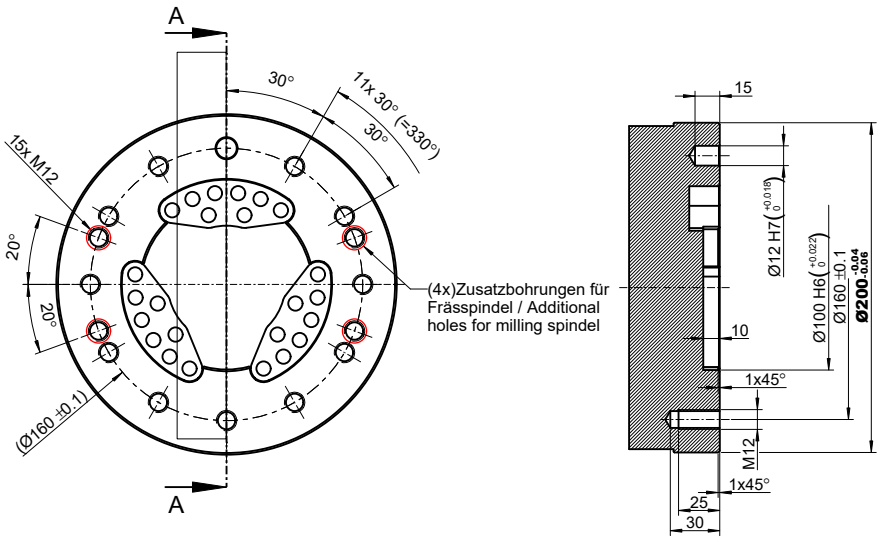
Load Capacity Chart



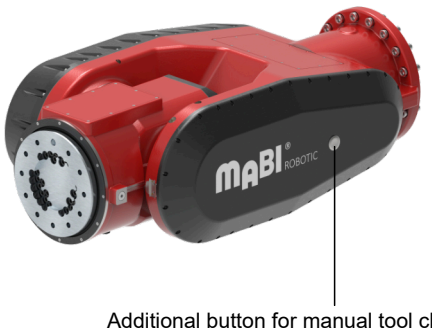




Mounting flange DIN ISO 9409-1 160 11 M12



Additional function for milling spindle



Additional button for manual tool change

These data are for information purposes only. The scope of our delivery and service is determined by the respective subject matter of the contract. Technical data and illustrations are not binding for deliveries. We reserve the right to make changes. V1.1 / MAX200-V1.0 / 28.09.2026