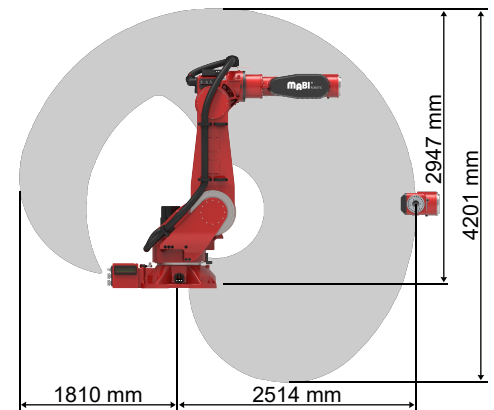




Technical data

	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	1915 kg / 2760 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

Payload

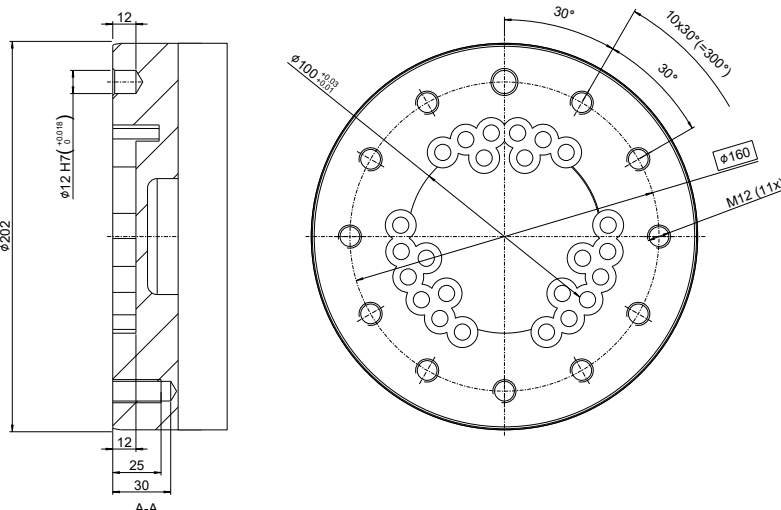
The MAX200-2.5-P is designed for a nominal load capacity of 200kg to optimise the performance and dynamics of the robot. Only if the position of the centre of gravity is 0mm and an additional load optimised for the load case are attached, the maximum load of 200kg applies. The specific load case must be discussed with MABI Robotic AG.

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°

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. V1.0 / MAX200-V1.0 / 07.04.2025