INDUSTRIAL SOLUTIONS

Industrial robot DOBOT MG400.
Small. Lightweight. Powerful.

VARIOBOTIC
endless possibilities

Misprints and technical changes reserved, Status: 09/2021

DOBOT MG400 is a lightweight desktop robot with a footprint smaller than one piece of A4 paper. Designed to be flexible to deploy, easy to use, and safe to collaborate, MG400 makes automation affordable and accessible for diversified and small-batch production scenarios. Featuring 750g payload, 440mm maximum reach and hand guidance and collision detection, MG400 is truly a perfect fit for lightweight desktop industrial applications that requires fast deployment and changeover.

We are available for you by mail and during our opening hours by phone.
Monday - Friday 8:30 am – 4:30 pm

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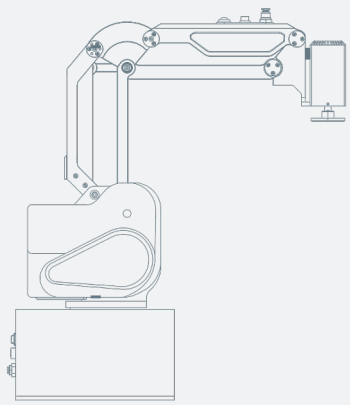
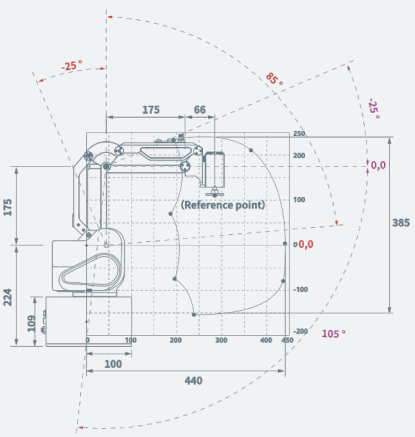
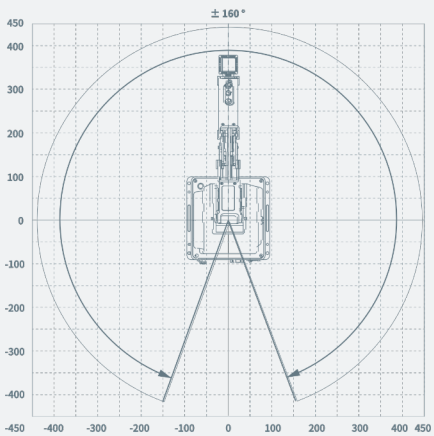
DOBOT MG400.
Technical specifications.

Number of Axis	4	
Payload	500 g without limitations (max. 750 g with low performance)	
Reach	440 mm	
Repeatability	+- 0.05 mm	
Working Temperature	0° C - 40° C	
Base Dimensions	190 mm x 190 mm	
Weight without Tools	8 kg	
Software	DobotStudio 2020 | SCStudio	
Communication	TCP/IP, Modbus TCP	
Power Input	100 V - 240 V AC, 50/60 Hz	
Rated Voltage	48 V	
Rated Power	150 W	
Max. Output current via single digital output road / summarized over all outputs	0.5 A / 2 A	
Max. Ouput current between 24 V and GND pin	1 A	
Joing Range	J1	±160 °
	J2	-25 ° ~ 85 °
	J3	-25 ° ~ 105 °
	J4	-360 ° ~ 360 °
Max. Speed	J1	300° / s
	J2	300° / s
	J3	300° / s
	J4	300° / s
Base I/O Interface	Digital Input	16
	Digital Output	16
	Ethernet RJ45	2
	USB	2
	Encoder Input	1
Forearm I/O Interface	Digital Input	2
	Digital Output	2
	Air Way	1

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