

DOBOT MG400.

General description

With the DOBOT MG400 industrial robot, highly repeating and standardized processes can be automated easily and quickly. With a footprint smaller than one piece of A4 paper, it fits into small production environments and helps users implement simple automation solutions. With its intuitive programming options, such as teaching & playback or graphical programming, the DOBOT MG400 allows any user with different programming experience to start up the robot quickly and easily.

Product details:

- Comprehensive industrial quality, designed for a continuous workload
- Professional hardware: modern servo drive technology with a high-precision absolute encoder
- High precision: through absolute encoders a repeatability of $\pm 0.05\text{mm}$
- With the vibration suppression algorithm in the controller and ensured trajectory accuracy of multi-axis motion the repeatability bandwidth stabilization time is accelerated by 60%, and the residual vibration by 70%
- Freedrive mode: manual guidance to teach complex trajectories
- Wide range of possibilities to program the robot: Graphical programming via Blockly, support of e.g. Python or Lua script

Technical specifications

- Payload: 500 g without limitations (max. 750 g with low performance)
- Repeatability: $\pm 0.05\text{ mm}$
- Max. Speed: $300^\circ/\text{s}$
- Reach: 440 mm