GATEIN TECHNOLOGY
جيت ان تكنولوجي

PRODUCT PRESENTATION · DESKTOP ROBOT

DOBOT MG400

Lightweight Desktop Robot

Smaller footprint than an A4 paper: flexible to deploy, easy to use and safe to collaborate, for diversified and small-batch production.

Presented by GateIn Technology · Exclusive DOBOT partner in Egypt



MG400 at a glance



Small space occupation

Controller integrated into the body with a 190 × 190 mm footprint; fits any space smaller than an A4 sheet.

Professional performance

High-precision absolute encoder servo motors and self-developed drive and controller: ±0.05 mm repeatability.

Vibration suppression

Repeatability bandwidth stabilisation 60% faster; residual vibration reduced by 70%.

Made for light desktop work

750 g payload, 440 mm reach, hand-held teaching and collision detection.

Simplicity means productivity

Shorter deployment time

Integrated, compact design: flexible, easy to deploy, plug and work.

More programming options

Trajectory reproduction, graphical programming and Lua scripting for every skill level.

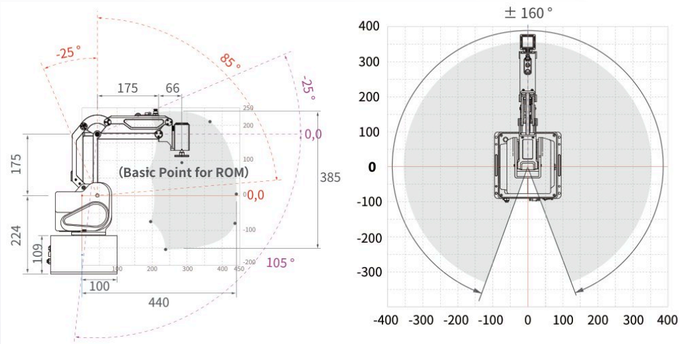
Higher programming efficiency

Intuitive, guided-interactive interface lowers the threshold of robot applications.

Higher debugging efficiency

Dynamic gravity compensation makes hand-held teaching smooth, cutting teaching time by up to 80%.

MG400 Specifications



Parameter	DOBOT MG400
Model	DT-MG-P4R07-01I
Degrees of freedom	4
Payload	500 g (max 750 g)
Reach · repeatability	440 mm · ±0.05 mm
Joint ranges	J1 ±160° · J2 -25° to 85° · J3 -25° to 105° · J4 -180° to 180°
Max joint speed	J1–J4 300°/s
Power · nominal voltage · power	100–240 V AC, 50/60 Hz · 48 V · 240 W
Communication	TCP/IP, Modbus TCP
Installation · weight · base	Counter · 8 kg · 190 × 190 mm
Working environment	0 °C to 40 °C
Software	DobotStudio 2020, SCStudio

GateIn One accountable partner

We don’t just ship the MG400. GateIn designs, supplies, installs, integrates and supports DOBOT solutions for universities, schools, government and industry, from the first plan to long-term support.

+120
ROBOTS SUPPLIED IN EGYPT
Industrial, service and educational

91
LABORATORIES
Across 45 institutions

+30
STRATEGIC & GLOBAL PARTNERS

5
YEARS OF DELIVERY
Since 2021

Design | Sourcing | Installation | Integration | Training | Long-term Support

An integrator, not a vendor.

Exclusive DOBOT partner for Egypt

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Let’s plan your MG400 deployment

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