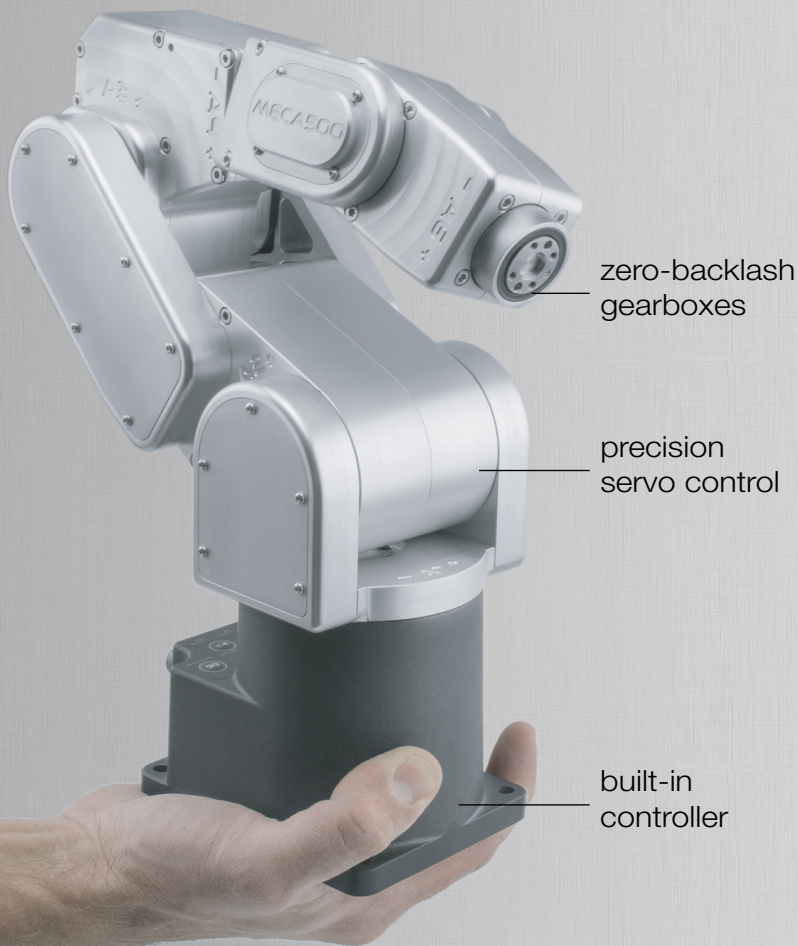


INDUSTRIAL ROBOTICS IN THE PALM OF YOUR HAND



zero-backlash
gearboxes

precision
servo control

built-in
controller

MECA500

SAVE SPACE

Make optimal use of your confined space by using the Meca500, the 6-axis industrial robot with the smallest footprint and all-in-one design. Go compact.

IMPROVE QUALITY

Reliably automate micropositioning tasks and delicate manipulations thanks to Meca500's unrivaled precision and accuracy. Choose perfection.

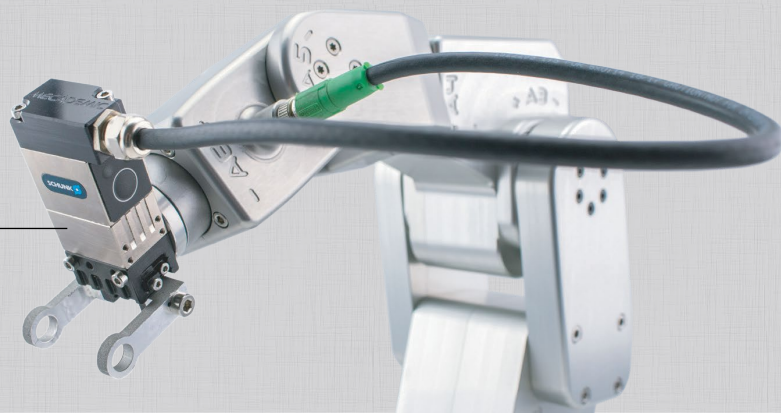
GAIN CONTROL

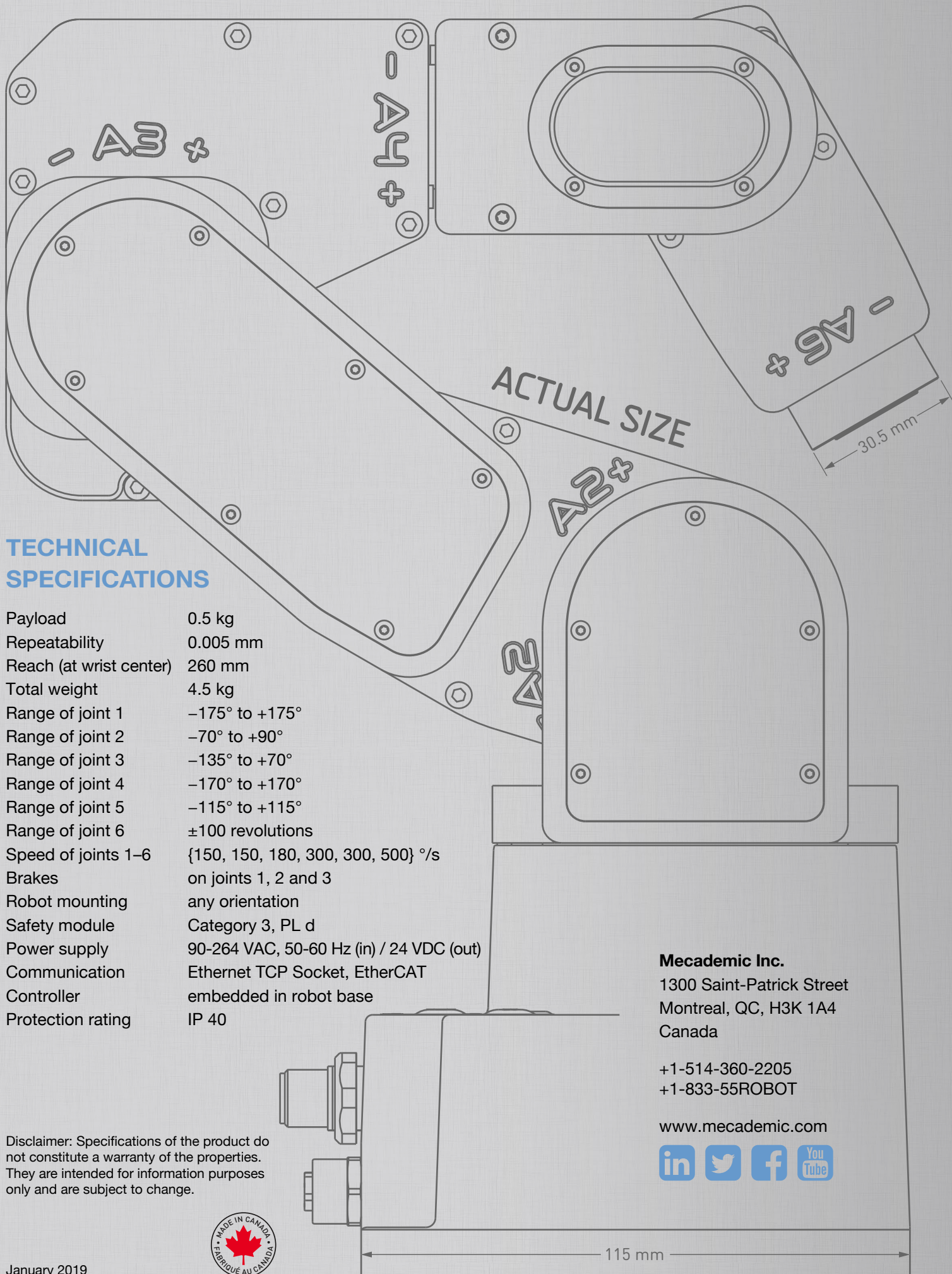
Integrate the Meca500 into your system or production line without hassle, thanks to the robot's simple but powerful connectivity. Embrace usability.



safety module
with power supply

optional
electric gripper





TECHNICAL SPECIFICATIONS

Payload	0.5 kg
Repeatability	0.005 mm
Reach (at wrist center)	260 mm
Total weight	4.5 kg
Range of joint 1	-175° to +175°
Range of joint 2	-70° to +90°
Range of joint 3	-135° to +70°
Range of joint 4	-170° to +170°
Range of joint 5	-115° to +115°
Range of joint 6	±100 revolutions
Speed of joints 1-6	{150, 150, 180, 300, 300, 500} %/s
Brakes	on joints 1, 2 and 3
Robot mounting	any orientation
Safety module	Category 3, PL d
Power supply	90-264 VAC, 50-60 Hz (in) / 24 VDC (out)
Communication	Ethernet TCP Socket, EtherCAT
Controller	embedded in robot base
Protection rating	IP 40

Disclaimer: Specifications of the product do not constitute a warranty of the properties. They are intended for information purposes only and are subject to change.



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