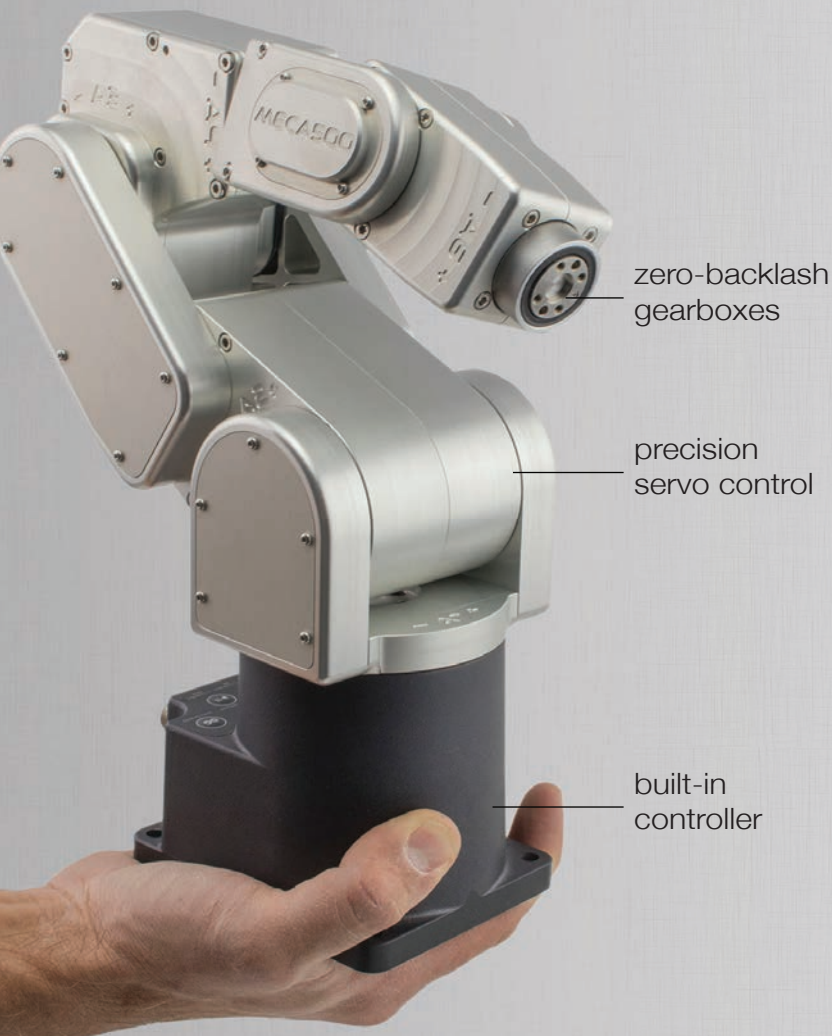




# INDUSTRIAL ROBOTICS IN THE PALM OF YOUR HAND



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.

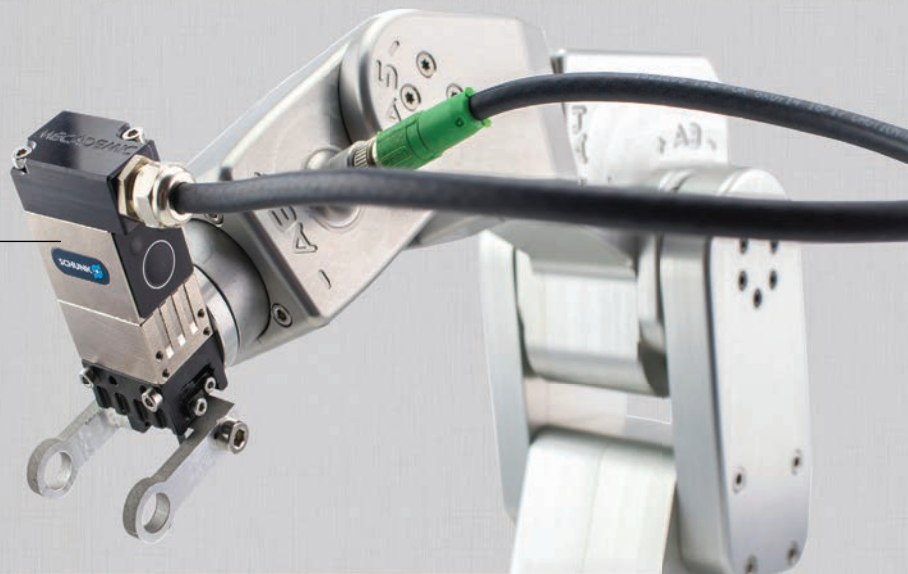
### IMPROVE QUALITY

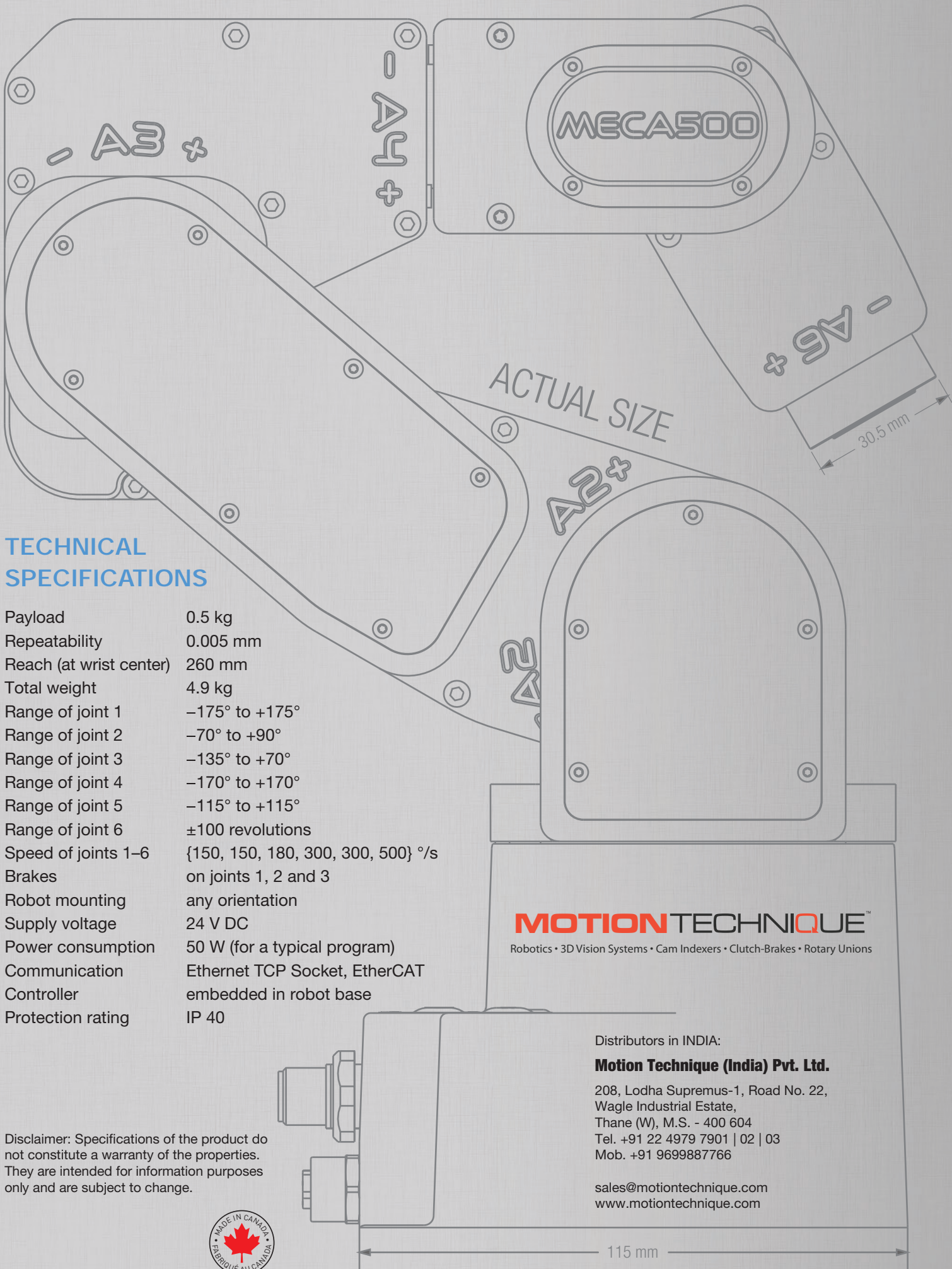
Reliably automate micropositioning tasks and delicate manipulations thanks to Meca500's unrivaled precision and accuracy. Choose perfection.

### GAIN CONTROL

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

optional  
electric gripper





## TECHNICAL SPECIFICATIONS

Payload	0.5 kg
Repeatability	0.005 mm
Reach (at wrist center)	260 mm
Total weight	4.9 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
Supply voltage	24 V DC
Power consumption	50 W (for a typical program)
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.



**MOTIONTECHNIQUE™**

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115 mm