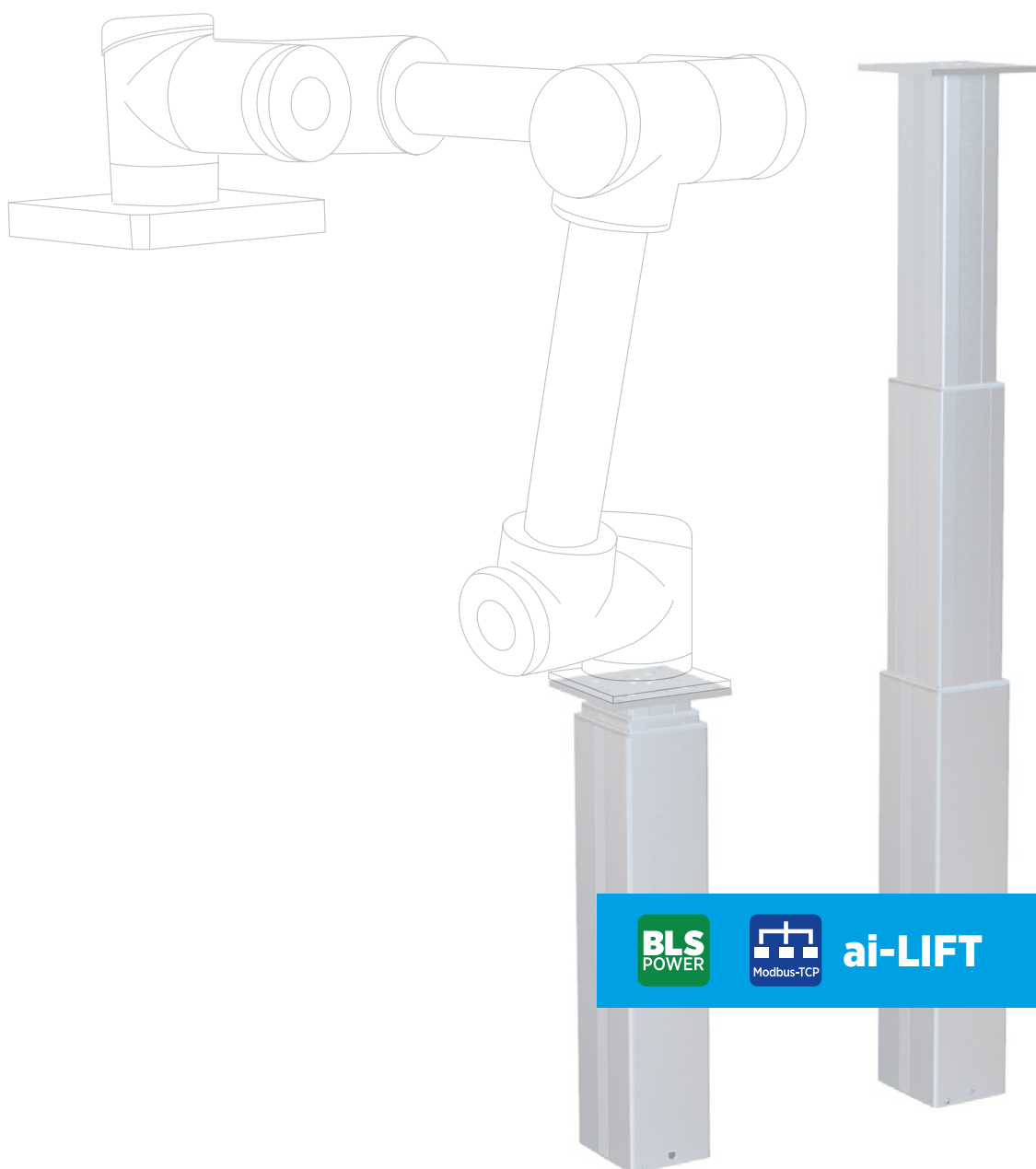


Telescopic column

ai LIFT

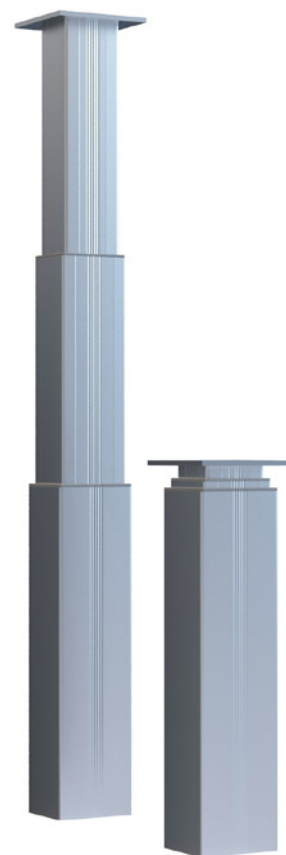
Smart and robust column design
for cobot lifting



ai-LIFT

ai-LIFT

Massive design to avoid Cobot vibration
 Able to stand offset loads
 Powerful Brushless motor
 Maintenance Free



Hardware interface compatible with main cobot's brand

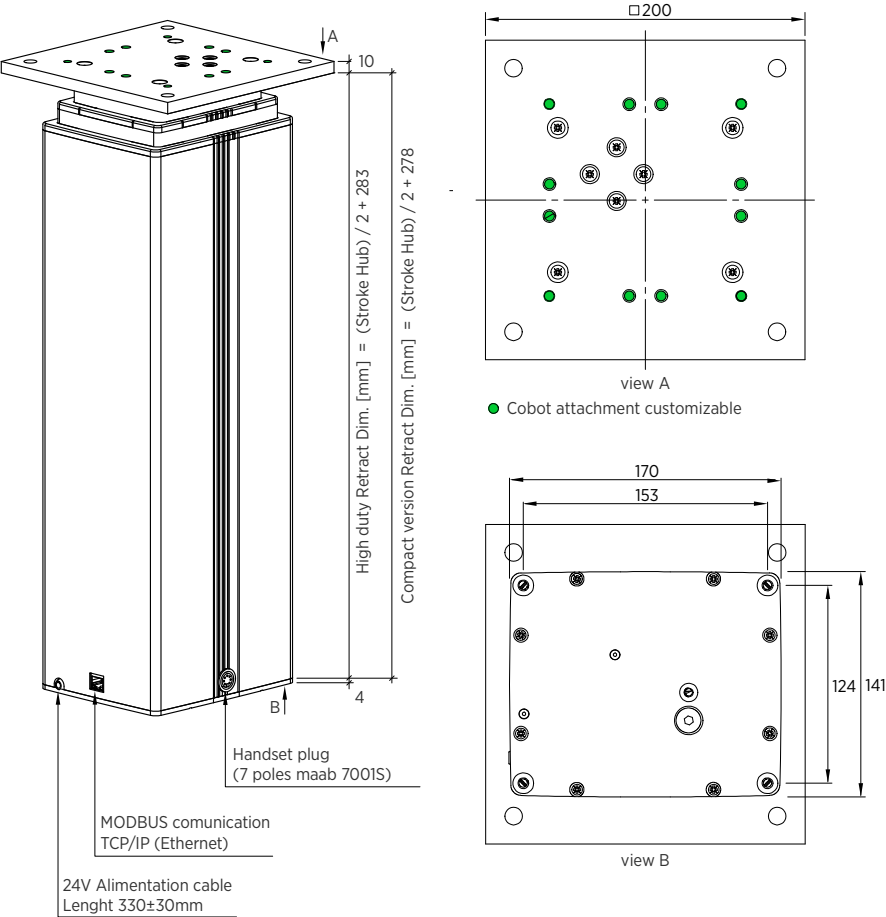
Features

INPUT Voltage	24V
Communication	ModBus TCP/IP
Standard handset adjustment	Available
Max dynamic push load	850 / 1.700N
Max static load	3.000 / 6.000N
Max dynamic off-side load	450N at 800mm
Max linear speed	80 / 40 mm/sec
Position/repeatability	± 1,0 mm
Stroke	500 ÷ 1.000 mm (specials on request)
Duty cycle	10% (20% at 500N)



ModBus TCP built-in design for a direct communication with cobot
 Extremely clean design, no external box needed
 Brushless driver built-in

Profiles dimensions



AMER Group

Amer Group is a global reality with **6 production units** in Nord Italia, Switzerland and Germany, and **3 commercial**, distributive and after-sales subsidiaries in the world, perfectly integrated between them.

A network that has been growing for 50 years, thanks to our obstinacy, small daily improvements, and above all to the strategic choice of reinvesting profits in research and development and infrastructures. Our integrated custom solutions, such as generators, electronic control systems, DC motors, traction and linear motion systems, are the result of the attention to the needs of our global partners.

Thanks to them, and to a harmonious team in line with the group's vision, we have become an important player and a point of reference worldwide.

SIR

Our history starts in 1986, in a small company in Cormano (MI) where we started the production of gearboxes. Our desire to improve and offer something more to our customers leads us, in 1993, to Valdagno. Here we become part of a solid production reality, Amer Group, and we begin to design and manufacture linear electric actuators.

Today we can proudly say that we are specialist in the design and manufacture of AC and DC linear drive systems: linear electric actuators, gear motors, telescopic columns.

Our priority is the efficiency and competitiveness of our customers. For this reason we continuously invest in new technologies, human capital and production processes. In this way it has been possible to anticipate the fast and dynamic changes of the market and be an active part in the successes of our trading partners.



Sir S.r.l.

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