



SARCOMERE
DYNAMICS

ARTUS Lite

bringing near-human capability to automation



ARTUS Lite

The ultimate general purpose end of arm tool, engineered to mirror the dexterity of the human hand. With unmatched precision, it handles tasks like assembling components and manipulating complex objects in unstructured environments—surpassing the capabilities of traditional grippers. We have two versions of the Artus Lite:

- **ARTUS Lite Speed**
- **ARTUS Lite Power**



ARTUS Lite Speed vs. ARTUS Lite Power

The ARTUS Lite Speed and the ARTUS Lite Power have the same dimensions, weight, and control interface. They only differ in the speed and the force they can produce at the finger tips.

[GitHub Repository](#)



304.23 mm

67.8 mm

ARTUS Lite Speed

for high speed applications

DEGREES OF FREEDOM	20
MAX. PAYLOAD	8 kg
WEIGHT	1.3 kg
CYCLING SPEED	0.8 Hz
VOLTAGE, POWER	24 V, 200 W
FORCE AT FINGERTIP	1 kg

COMMUNICATION PROTOCOLS

CAN, USB-C, Wifi , RS485

MOUNTING INTERFACE

ISO 9409-1-50-4-M6

CONNECTOR INTERFACE

Nano M8 4-pin connector: High Power

Nano M8 8-pin connector: Communication and Low Power

ARTUS Lite Power

for high torque applications

DEGREES OF FREEDOM	20
MAX. PAYLOAD	8 kg
WEIGHT	1.3 kg
CYCLING SPEED	0.6 Hz
VOLTAGE, POWER	24 V, 200 W
FORCE AT FINGERTIP	1.6 kg

COMMUNICATION PROTOCOLS

CAN, USB-C, Wifi , RS485

MOUNTING INTERFACE

ISO 9409-1-50-4-M6

CONNECTOR INTERFACE

Nano M8 4-pin connector: High Power

Nano M8 8-pin connector: Communication and Low Power

The future is here, and it is automated.

Web: sarcomeredynamics.com

Sales: info@sarcomeredynamics.com

