

TROSSEN

WidowX

TrossenRobotics.com/**widowx-ai**



SPECIFICATIONS

ARM WEIGHT JOINT SPEED ARM PAYLOAD
4kg **180°/S** **1.5kg**

	Name	Operational Torque	Peak Torque	Range of motion	Joint Origins (mm)
Joint 1	Waist	9Nm	27Nm	-175, +175 deg	<0, 0, 52.75>
Joint 2	Shoulder	9Nm	27Nm	-240, + 0 deg	<-20, -30.38, 103.5>
Joint 3	Elbow	9Nm	27Nm	-0, +270 deg	<-244, -30.38, 103.5>
Joint 4	Wrist Tilt	3Nm	7Nm	-90 , +90 deg	<1, 26.75, 163.5>
Joint 5	Wrist Yaw	3Nm	7Nm	-90, +90 deg	<68.75, 0, 209>
Joint 6	Wrist Rotate	3Nm	7Nm	-135, + 135	<97.7, 0, 163.5>
Joint 7	Gripper	3Nm	7Nm	95mm Max open	<175.7, 0, 163.5>

6 DOF WITH PARALLEL GRIPPER

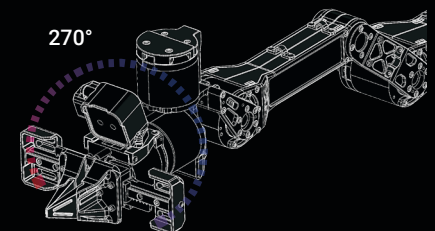
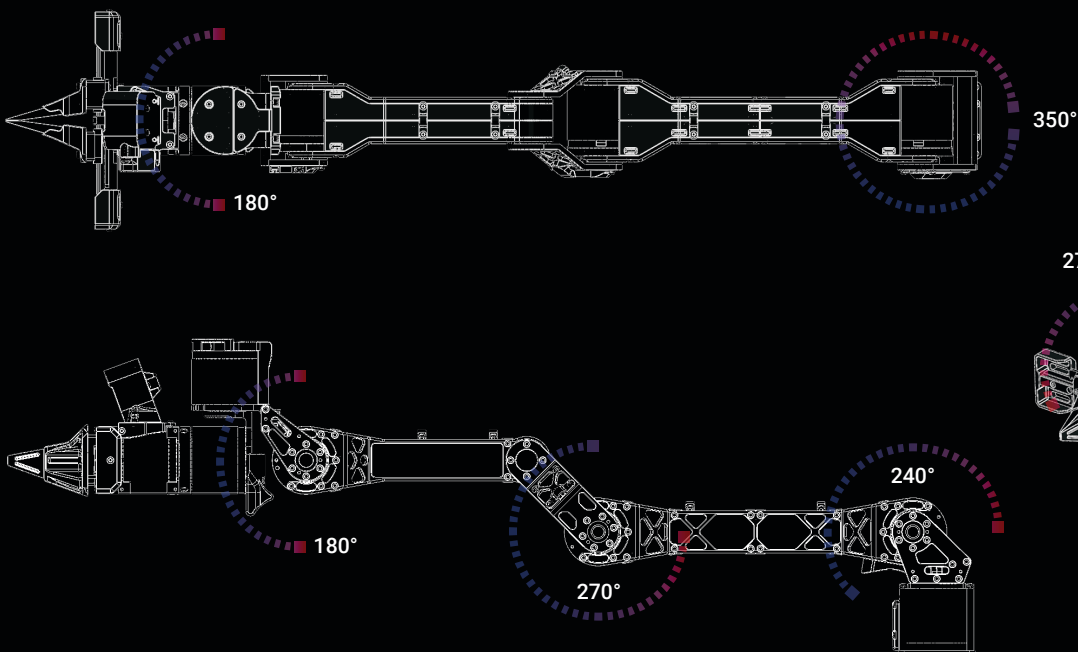
Gripper Type: Rack & Pinion Direct Drive

Gripper Max: 95mm

Voltage: 24V

Power supply: 24V 25A Dual Arm

Controller: iNerve Ethernet to CANbus

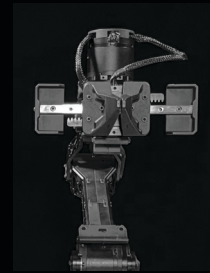


| ← 146mm → | | ← 94mm → | | ← 245mm → | | ← 284mm → |

Phone: **1-866-478-3731**

Email: **sales@trossenrobotics.com**

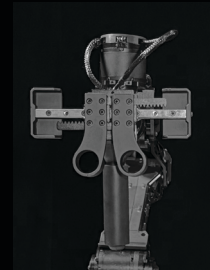
CONFIGURATIONS



BASE

Precision Grip End-Effector with
Custom Molded Silicone Grip Pads

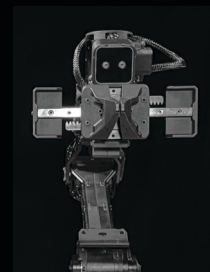
\$3,795.00



LEADER

Ambidextrous Hand Grip with
Sliding Rail Finger Pinchers

\$3,825.00



FOLLOWER

Precision Grip End-Effector with
Custom Molded Silicone Grip Pads

Intel® RealSense™ D405 RGB
Depth Camera with Arm Mounts

\$4,145.00

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