

A-2085-05: 5 Degree-of-Freedom Arm

A fully integrated collaborative manipulation platform.



X-Series Actuators *Default Configuration*	HEBI Mounting Brackets and Wiring Included 2x X5-1 (Wrists) 2x X8-9 (Base and Elbow) 1x X8-16 (Shoulder)
Add-on Accessories	1x Gas Spring (↑ Payload, ↓ Workspace) 1x HEBI Parallel Gripper Assembly 1x X5-9 Actuator (For Use As Gripper Spool)
Mechanical Interface	T-Slot Extrusion (80/20®) Easy integration of additional components or sensors
Software	Joystick Control with the HEBI Mobile I/O App (iOS & Android) Example code in MATLAB, C, Python, and ROS

Weight (w/ Gripper Assembly)	3.25 kg
Max Reach	700 mm
Payload* @ Max Reach	1.0 kg
Half Reach	350 mm
Payload* @ Half Reach	3.0 kg
Gripper Max Finger Torque (X5-9)	1.1 Nm
Gripper Max Finger Force (50mm from Pivot)	23 N
Parallel Gripper Stroke Length	82 mm
Payload calculated using default arm configuration without a gas spring Arm and Gripper configuration are customizable upon request.	

Workspace

