

## A-2303-01: 7 Degree-of-Freedom R-Series Double Shoulder Arm

A fully integrated collaborative manipulation platform for higher payloads.



X-Series Actuators *Default Configuration*	HEBI Mounting Brackets and Wiring Included 2x R8-3 (Wrists) 2x R8-9(Shoulder Twist and Second Elbow) 4x X8-16 (Base, Shoulders Pitch, and First Elbow)
Add-on Accessories	1x HEBI Parallel Gripper Assembly
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)	8.25 kg
Max Reach	1.00 m
Payload* @ Max Reach	1.0 kg
Half Reach	500 mm
Payload* @ Half Reach	3.0 kg
Gripper Max Finger Torque (R8-9)	1.1 Nm
Gripper Max Finger Force (50mm from Pivot)	23 N
Parallel Gripper Stroke Length	82 mm
*Payload calculated using default arm configuration* Arm and Gripper configuration are customizable upon request.	

Side View

