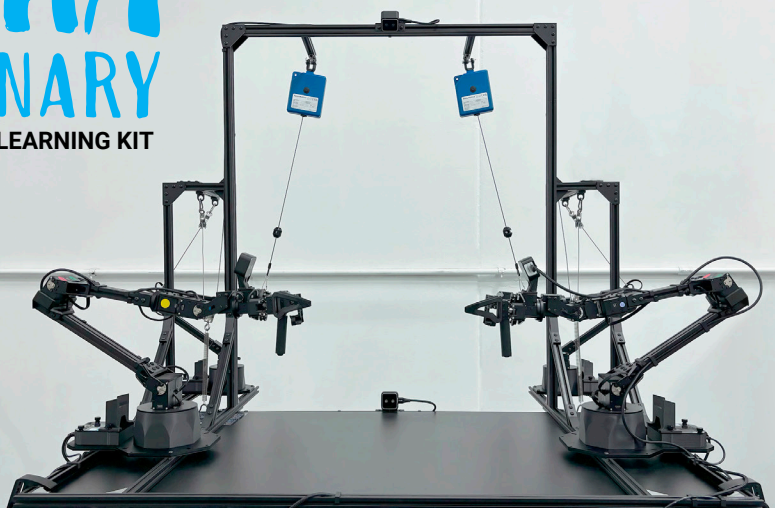
ALOHA STATIONARY

ROBOTIC MACHINE LEARNING KIT

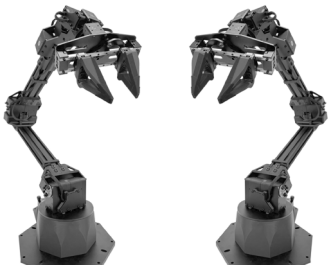


FEATURES

- **Gravity Compensation**
- **Preloaded Laptop**
- **4x Stereo Depth Cameras**
- **Leader-Follower Arms**
- **3D Printed Grippers**

UPGRADED GRIPPERS, HAPTICS, AND JOINTS

- New all-metal gripper linkages for long-term reliability
- Compression-proof bearings with no risk of over tightening or wearing out over thousands of hours of use
- Dual industrial-grade rails and carriages
- ViperX follower-arms have new, easily swappable 3D-printed fingers for future design iterations.
- WidowX leader-arms have new, easily swappable 3D-printed ergonomic handles and finger paddles with universal mounting brackets for support of custom handles and finger paddles.
- New all-metal bracket joints



PRELOADED MACHINE LEARNING LAPTOP

- High performance laptop capable of machine learning
- Preloaded with Ubuntu, ROS2 and Interbotix
- Be up and running in less than an hour

COMPUTER VISION

Multi-view video feeds from the included Intel® RealSense™ D405 stereoscopic depth cameras for computer vision input for ML Transformers.

POWERED BY INTERBOTIX

Aloha Kits are powered by our Interbotix Python library. Cut hundreds of lines of code down to a dozen or so, and take the guess work out of low level CAN programming by using our simple and intuitive modules.

INTERBOTIX **Learn More About Interbotix**

TrossenRobotics.com/Aloha-Stationary

Interested in the Aloha Stationary? Contact our sales team: Sales@TrossenRobotics.com

Trossen Robotics

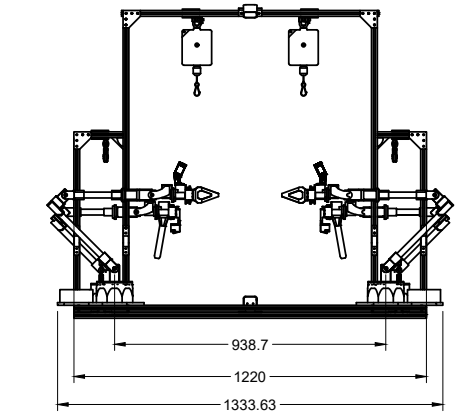
ALOHA STATIONARY

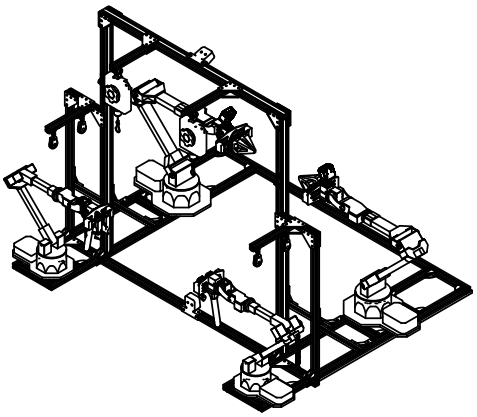
SPECIFICATIONS

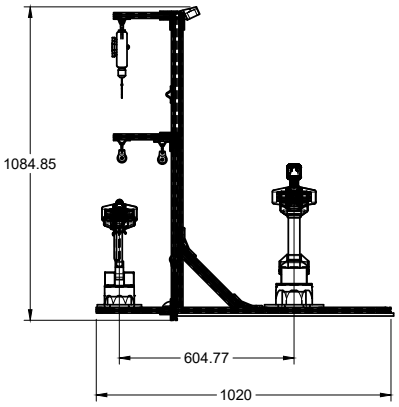
Dimensions	1019D x 1066H x 1225W mm
Leader Arms	WidowX 250 S - Aloha Version
Follower Arms	ViperX 300 S - Aloha Version
Camera	4x Intel RealSense D405
Chassis	Modular
Computer	High Performance Laptop
USB Hubs	Yes 2X
Gravity Compensators	Yes

ALOHA STATIONARY

TECHNICAL DRAWING



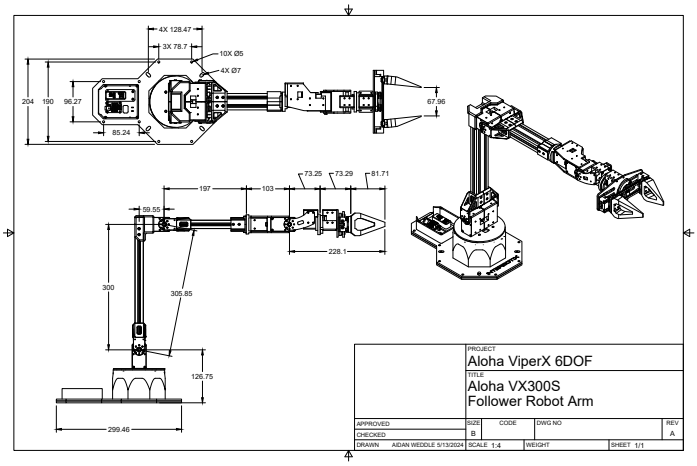




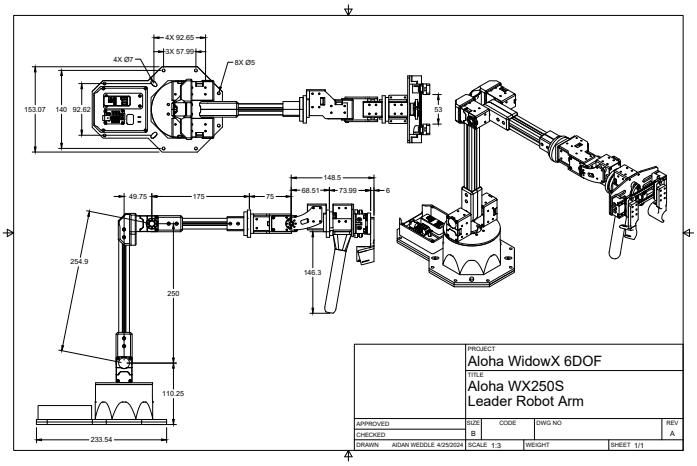
Units in mm

Designed for 3'x5' Table

	PROJECT: Aloha Stationary V2			
	TITLE: Table-Top Leader Follower Pair Robotic Machine Learning Kit			
APPROVED	SIZE: B	CODE	DWG NO	REV: A
CHECKED				
DRAWN AIDAN WEDDLE 4/25/2024	SCALE 1:12	WEIGHT	SHEET 1/1	



	PROJECT: Aloha ViperX 6DOF			
	TITLE: Aloha VX300S Follower Robot Arm			
APPROVED	SIZE: B	CODE	DWG NO	REV: A
CHECKED				
DRAWN AIDAN WEDDLE 5/13/2024	SCALE 1:4	WEIGHT	SHEET 1/1	



	PROJECT: Aloha WidowX 6DOF			
	TITLE: Aloha WX250S Leader Robot Arm			
APPROVED	SIZE: B	CODE	DWG NO	REV: A
CHECKED				
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