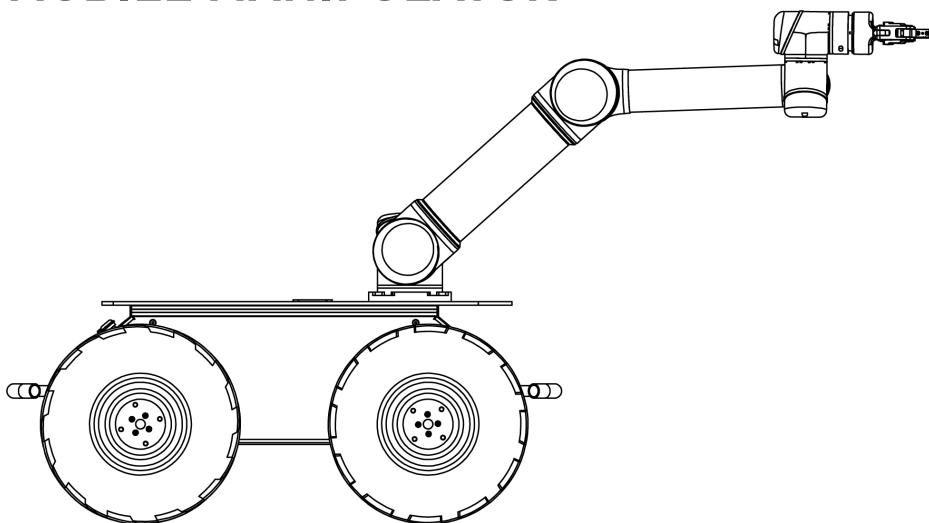


# HUSKY™

## MOBILE MANIPULATOR



## TECHNICAL SPECIFICATIONS

### 2-FINGER ADAPTIVE ROBOT GRIPPER 85

GRIPPER STROKE	85 mm (3.3 in)
GRIPPER WEIGHT	850 g (1.9 lbs)
MAX PAYLOAD	5 kg (11 lbs)
PARALLEL GRIP REPEATABILITY	0.05 mm (0.002 in)

### UNIVERSAL ROBOTICS UR5 MANIPULATOR

REACH	850 mm (33.5 in)
DEGREES OF FREEDOM	6 Rotating Joints
PAYLOAD WITHOUT GRIPPER	5 kg (11 lb)
REPEATABILITY	+/- 0.1 mm (0.0039 in)

### SIZE AND WEIGHT (HUSKY BASE)

EXTERNAL DIMENSIONS (L x W x H)	990 x 670 x 390 mm (39 x 26.4 x 14.6 in)
WEIGHT	50 kg (110 lb)
WHEELS	330 mm (13 in) Lug Tread
GROUND CLEARANCE	130 mm (5 in)

### SPEED AND PERFORMANCE (HUSKY BASE)

MAX PAYLOAD	75 kg (165 lb)
MAX SPEED	1.0 m/s (2.3 mph)
DRIVETRAIN / DRIVE POWER	4x4 Zero-Maintenance
MAX CLIMB GRADE	45° (100% Slope)

### INTERFACING AND COMMUNICATION

CONTROL MODES	Husky: Direct voltage, wheel speed, and kinematic velocity. Arm: Position and velocity commands, MoveIT! inverse kinematics and motion planning.
FEEDBACK	Battery voltage, motor currents, wheel odometry, and control system output.
COMMUNICATION	RS232 @ 115200 baud
DRIVERS AND APIs	ROS, Gazebo, RViz, MoveIT!, C++ interface available.

### ENVIRONMENTAL

OPERATING AMBIENT TEMPERATURE	0 to 30 °C (32 to 86 °F)
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Contact us today for pricing and a free 30 minute technical assessment: **1-800-301-3863**