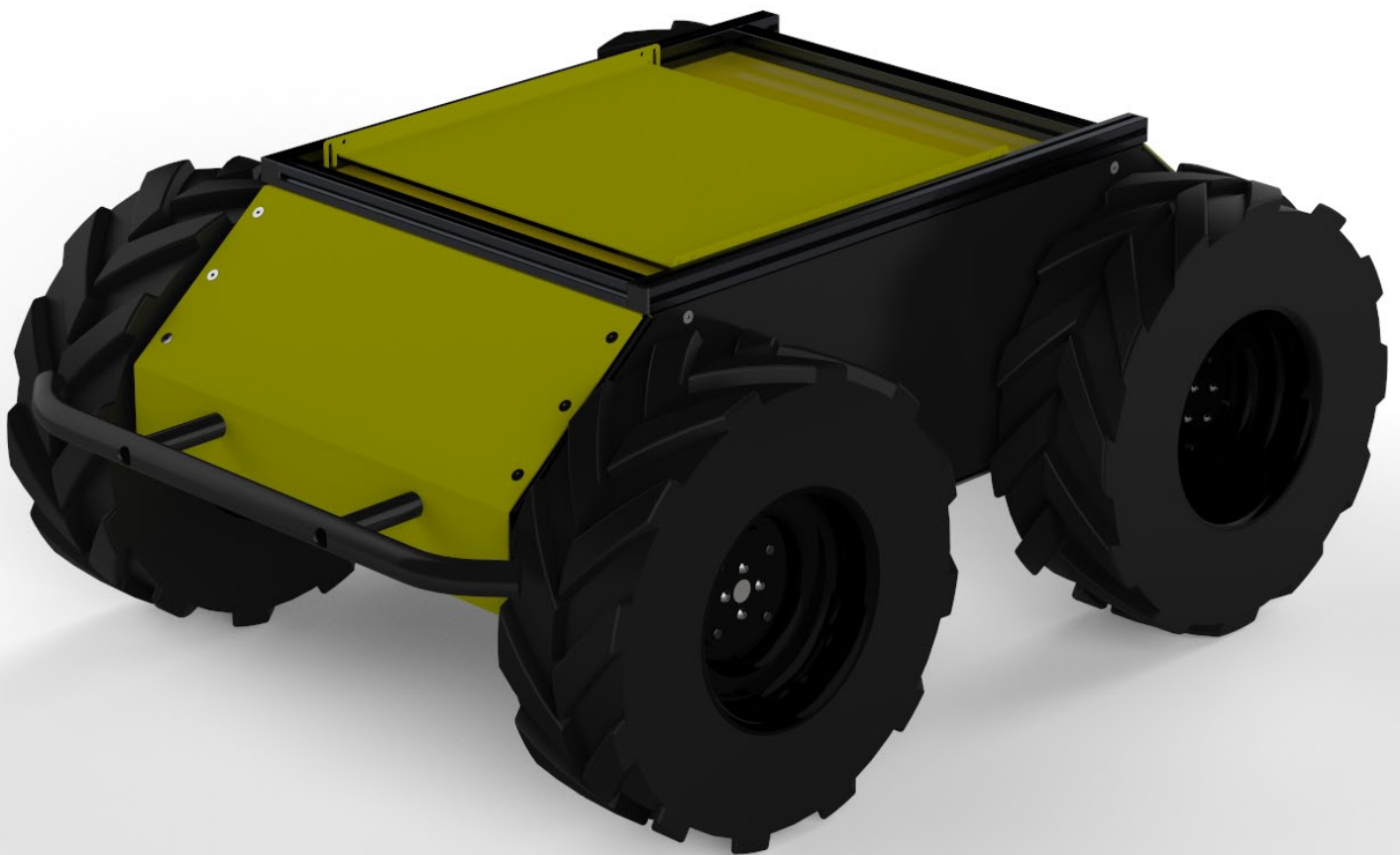


HUSKY A200™

UNMANNED GROUND VEHICLE



RUGGED. EASY TO USE. AFFORDABLE.



PRODUCT OVERVIEW

The Husky A200™ by Clearpath Robotics is a rugged, easy to use and affordable unmanned ground vehicle for rapid prototyping applications.

HUSKY A200™ PRODUCT FEATURES



The Husky A200 Unmanned Ground Vehicle is designed for industrial and military engineers, computer scientists and robotics researchers who spend too much time and money developing UGV prototypes. The Husky is a rugged and easy-to-use UGV prototyping solution that reduces total R&D costs and improves development timelines.

Easy-access fused
5V/12V/24V user power.

Ample internal user space
for custom hardware.

Handles act as bumpers and
secondary payload mount.

13" lug tread tires with
high-torque 4x4 drive
for extreme terrain.

FRONT

Industry standard rail for
rapid payload mounting.

Field changable 24V
battery with tool-less
access panel.

Class-leading 5"
ground clearance.

E-Stop and lock-out
for safety and security.

REAR

For more information on Husky A200 product features, visit www.clearpathrobotics.com/Husky

TECHNICAL SPECIFICATIONS



DIMENSIONS (LxWxH)	990x670x390 mm 39x26.4x14.6 in
WEIGHT	50 kg 110 lbs
RATED PAYLOAD	20 kg 44 lbs
MAXIMUM SPEED	1.0 m/s 3.3 ft/s
CLEARANCE	130 mm 5 in

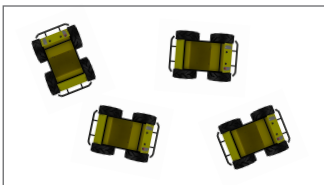
OPERATING TIME	3 hrs typ 8 hrs max
DRIVE POWER	1000 W peak 400 W continuous
BATTERY	24V 20 Ah Sealed Lead Acid
USER POWER	5V / 12V / 24V FUSED @ 5A each
COMMUNICATION	RS-232 115200 BAUD

ENCODERS	>200,000 pulse/m QUADRATURE
FEEDBACK	BATTERY STATUS ODOMETRY
CONTROL MODES	DIRECT VOLTAGE VELOCITY WHEEL SPEED TORQUE
DRIVERS/APIs	



SAMPLE APPLICATIONS

MULTI-ROBOT SYSTEMS



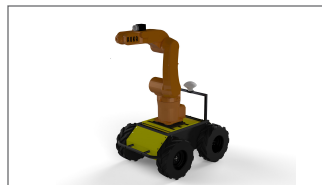
The Husky A200 is designed with a **scalable and open architecture** making it the ideal platform for testing and developing multi-robot systems.

PERCEPTION & NAVIGATION



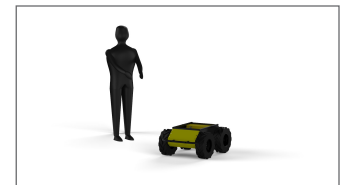
Improve state estimation with tunable vehicle control parameters, high-resolution wheel odometry and full power system diagnostics.

MOBILE MANIPULATION



The Husky A200 can easily **interface with** many small industrial **manipulators** for tele-operated or autonomous manipulation tasks.

TELE-OPERATION



The Husky A200 comes ready for tele-operation **out of the box**. Plug in your favourite wireless joystick and get started on day one.

A FEW OF THE INNOVATIVE FIRMS ALREADY USING HUSKY



Contact us today for pricing and a free 30 minute technical assessment: 1-800-301-3863

HUSKY A200™

UNMANNED GROUND VEHICLE



RUGGED. EASY TO USE. AFFORDABLE.



CONTACT US FOR MORE INFORMATION

Clearpath Robotics Inc.
Waterloo Research & Technology Park
295 Hagey Blvd. Waterloo, Ontario
N2L6R5, Canada

TEL: 1-800-301-3863
FAX: 519-513-2421
@: info@clearpathrobotics.com
web: www.clearpathrobotics.com

Don't Forget to Find Us Online

