H.A.R.D.Y.

HARDY ROBOTICS

Unmanned ground systems

Robots forward. People back.

COMPANY PRESENTATION • 2026

Fewer people in hazardous areas. More work assigned to machines.

HARDY is building a mission ecosystem of unmanned ground systems for work where human presence is dangerous, difficult or inefficient.

**Humans command.
Machines perform the dangerous physical work.**

One ecosystem covers the full mission loop

TACTICAL LOGISTICS

ISR & OBSERVATION

EVACUATION SUPPORT

RECOVERY: ROBOTS RECOVER ROBOTS

Four platforms — four roles in one connected system

ARGUS	**ISR and route-based missions**	up to 80 kg • up to 15 km/h • 40–50 km
MUL	**Tactical logistics**	recommended up to 80 kg • max 100 kg • up to 20 km
FLEX	**Articulated mobility**	up to 20 km/h • up to 20 km • up to 30 kg
VANGUARD	**Fast modular platform**	up to 25 km/h • up to 30 kg

Each configuration is documented around a specific mission and measurable acceptance criteria.

A compact platform for mobile missions and payload integration

FLEX combines articulated mobility, a compact footprint and a modular upper plane for mission payloads.

20
km/h
maximum speed

20
km
range

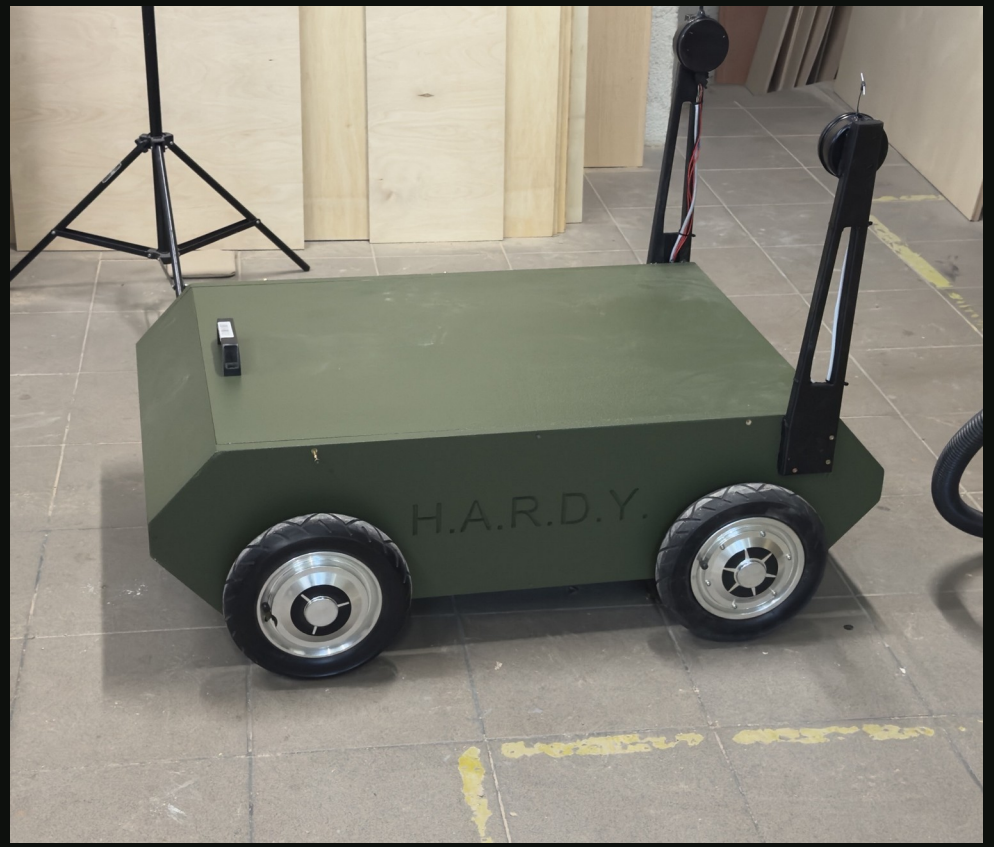
30
kg
payload

Plywood composite is an engineering choice for the real platform lifecycle

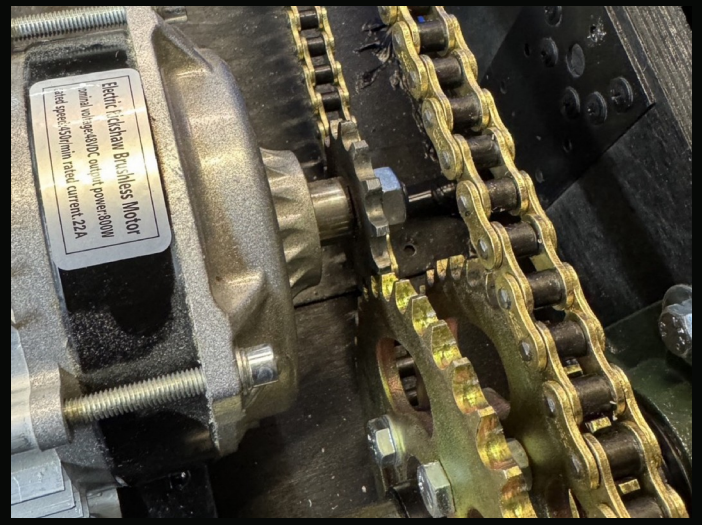
3–5

combat missions — the average lifecycle used by HARDY as a design premise

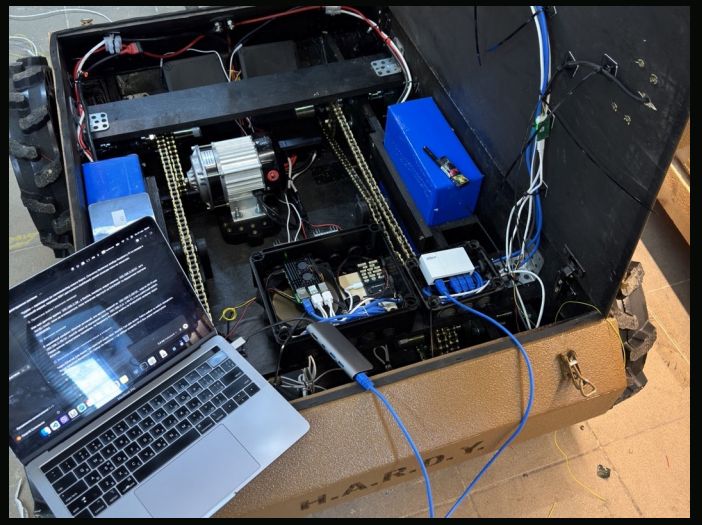
- Repair with accessible processes
- Repeatable local production
- Budget directed to drive, energy, communications, sensors and payload



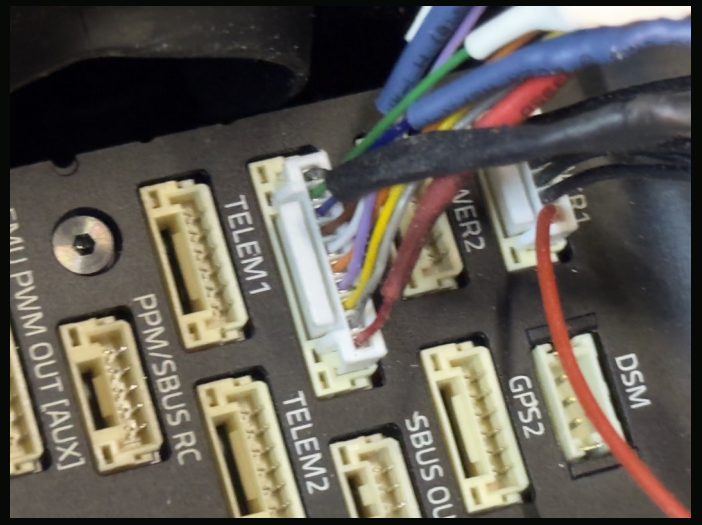
Repair and repeatable production are part of the architecture



Accessible drivetrain



Open systems layout



Controlled configuration

Field recoverability is not an afterthought. It is part of the platform's mission value.

Integration starts with requirements and ends with a joint test

Open interfaces, version control and traceability shorten the path from a module to a verified configuration.

01

Mission

environment and criterion

02

ICD

mechanical • power • data

03

Integration

version and ownership

04

Test

method and result

05

Baseline

controlled configuration

Four engagement routes build one scalable capability

01 • Grant partners

Facilities, machinery and production equipment required to scale manufacturing

02 • Charitable foundations

Funding defined platform packages for delivery to Ukrainian defence users

03 • Military units

Pilot configurations, trials, user feedback and validated demand

04 • Government contracts

Controlled serial production, acceptance, delivery and service

NEXT STEP

Start with one mission and one measurable criterion

01	Describe the environment and mission
02	Define payload and interfaces
03	Agree the acceptance criteria
04	Build and test a pilot configuration

DISCUSS A MISSION

hardy-robotics.com/en/contact

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