



MOVEWER TECHNOLOGIES

ARMAX

SPECIFICATION SHEET



Description

UGV ARMAX

The ARMAX is a multipurpose, heavy-duty UGV engineered to perform a wide range of missions using plug-and-play implement systems. Designed for maximum versatility, it operates effectively across various terrains and is suitable for multiple sectors. It's ideal applications include agricultural pulverization and heavy-duty industrial tasks, urban and rural logistics, firefighting, rescue missions, armed escort, shielded police operations, riot control, dual operations with UAVs and defense. The ARMAX is built to meet the evolving demands of modern field operations with strength, adaptability, and intelligent integration.



GENERAL FEATURES

- Payloads up to 1200kg
- Continuous Operation from 6h to 8h
- 100% Electrical Vehicle
- Remote or Autonomous Operation
- Up to 15km/h
- Internet Telemetry and Operation
- AI Vision and Assist Control System
- Slopes up to 60% (30 Degrees)

SPECIFICATIONS

WEIGHTS

Standard Vehicle Weight	1400 kg
Maximum Recommended Payload*	1200 kg
Maximum Recommended Push	2000kg

MOTOR

Energy Type	Electrical
Number of Motors	2
Motor Type	BLDC
Operating Voltage	Up to 144V
Total Max Power	40Kw
Type of Cooling	Liquid

PAYLOAD

Mounting System	Plug and Play
Mounting Options	Inside and Aside
Electrical Integration	Network or Ios

CONTROL

Controller Type	Industrial Degree
Control Type	Over Internet / Local Network
Standard Mode	Remote Operate
Autonomous Routines	High Level of Customization
Human Machine Interface	Standard / Customizable
Range of Control	Up to 200m
Remote Controller	Industrial Tablet / PC / Smartphone
Telemetry	Over Network in Real Time
AI Assistant	Embedded

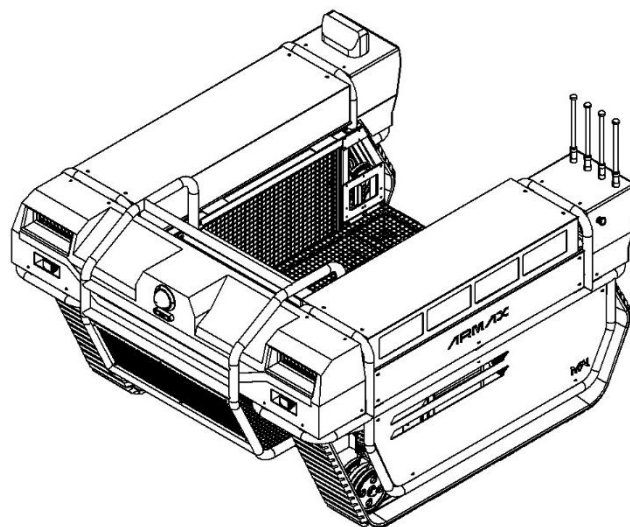
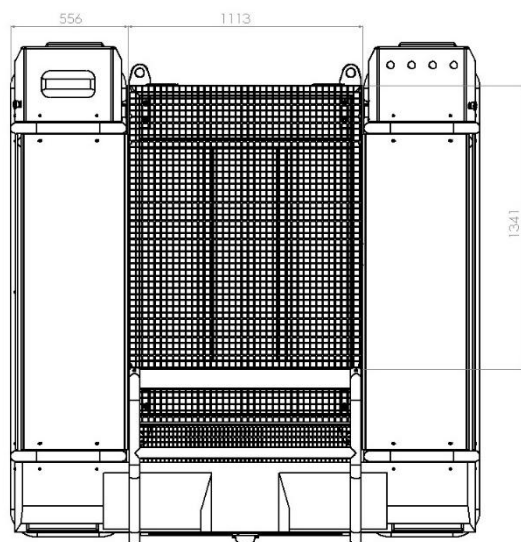
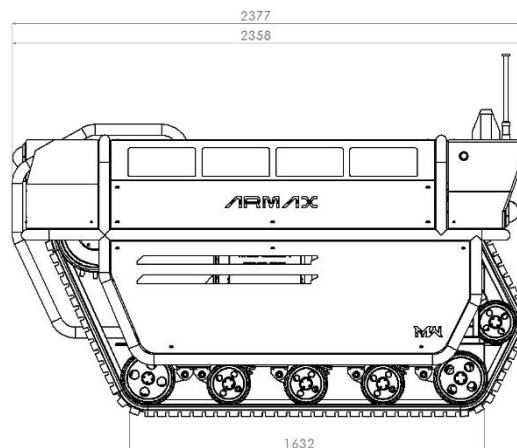
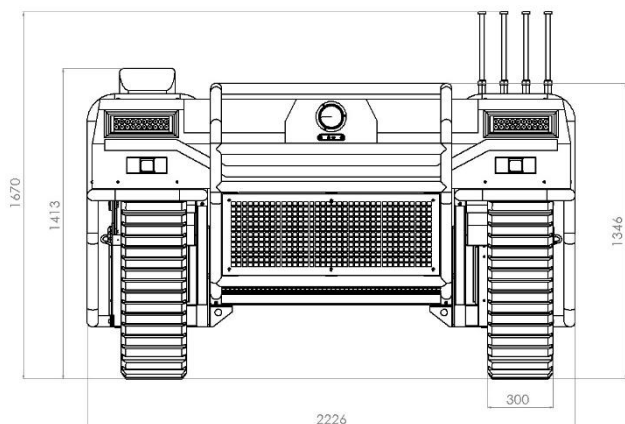
*Included the Implement Weight

SPECIFICATIONS

ENERGY

Number of Battery Packs	3
Battery Type	LiFePo4 Cells
Maximum System Current	250A
Number of Battery Cycles	10000
Power Available	75Kw/h
Type of Cooling	Fan
Maximum Endurance	8 hours

PHYSICAL



DIMENSIONS

Standard Frame

(LxWxH) 2226 X 2377 X 1346 mm

Track Length

300 mm

Inner Dimensions (Implement)

(LxW) 1113 X 1341 mm

WEATHER LIMITATIONS

Maximum Operating Temperature

+40°C

Minimum Operating Temperature

0°C

Maximum Front Slop angle

35°

Maximum Side Slop angle

15°

Restricted Terrains

Swamps and Sand

Maximum Precipitation

Moderate rain conditions, although it is recommended to drive in dry conditions.

SPECIFICATIONS

PERFORMANCE LIMITATIONS

Maximum Velocity	15km/h
GNSS Precision	< 1m
INS System	Yes
Standard Number of Cameras	3

