



FIELDMADE

NOMAD®LW

Portable Deployable Additive Manufacturing Micro Factory

The NOMAD®LW is Fieldmade's most compact additive manufacturing (AM) micro factory, designed for rapid deployment in challenging conditions. Self-contained and rugged, it is built for resilience, offering enhanced user experience through intuitive operation. By leveraging Fused Filament Fabrication (FFF) technology, it produces durable parts and tools from a range of polymers and composites, offering reliable on-demand manufacturing for both military and industrial applications in remote or high-impact scenarios.



Continuous-Fibre Composites Deliver Strength Rivaling Aluminium Alloys



Most Widely Used AM Technology, Easy to Adapt with Low Learning Curve



First and Only Machine Directly Integrated with NATO's RAPID-e

WHY FIELDMADE



Rapid Deployment

Set-up and operational within minutes after touching ground.



Extreme Resilience

Ruggedised, resistant to extreme weather, rough transportation and intermittent power.



On-Demand Manufacturing

Reduces supply chain complexity, lead times, and logistics costs.

Defence

Energy

Shipping

Mining

Support Plan: Maintenance & Reach-Back / Field Support.



www.fieldmade.no



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Ole Deviks vei 14B, 0666 Oslo, Norway



TECH | INTERNATIONAL
WINNER



EXTENSIVELY FIELD TESTED

Tested during various exercises, including Project Convergence 2022 and Coalition Warrior Interoperability Exercise 2024.

Highlights:

- Withstands 10G after airdrop trials.
- Prints up to 1 hour on UPS.
- Enables on-the-go printing.
- US Army xTech International winner 2024.
- Integrates seamlessly with NOMAD®O2 and NOMAD®O3.

Andreas Ulven Holmen,
Kongsberg

“We received a new part that was more robust than the original, and a perfect fit.”



NOMAD®LW

Key Technical Features

Technology

FFF

- **Machine:** Markforged Mark 2.
- **Build Volume:** 320x132x154 mm.
- **Materials:** Polymers and composites, including carbon fibre-reinforced filaments for enhanced durability and strength.

Shelter & Deployment

- **Container:** Military standard Zarges case.
- **Weight:** 70 kg.
- **Set-up:** Deployable within minutes, for rapid operational readiness.
- **Stabilisation:** Ruggedised and tested against 10G airdrop trials, ensuring durability and reliability in high-impact scenarios.

Control, Safety & Power

- **Climate Control:** Integrated temperature and humidity control, air filtration system.
- **Uninterrupted Power:** Dual redundant power systems with UPS battery support, ensuring reliable operation for up to 1 hour during power interruptions.

Add-on

- **Digital Inventory:** Advanced asset management solution.
- **RAPiD-e Integration:** First and only machine directly integrated with NATO's RAPiD-e.



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