

# TRACKWAY® DEFENSE

KEEPING YOUR MISSION ON TRACK



# A TRUSTED HERITAGE

FAUN Trackway USA, Inc. has a prestigious reputation, with over 75 years' experience in the design and manufacture of premium products and tailored solutions.

With a heritage rich in aluminum engineering, we began our journey as Saunders-Roe based on the Isle of Wight, United Kingdom. We relocated to North Wales during the 1940s, and in 1968, we became Laird (Anglesey) Ltd. In 1996, we were acquired by the KIRCHHOFF Group; a family-run, German group of engineering and manufacturing companies that have been providing innovative solutions for over 220 years. Our UK Head Office remains on the Isle of Anglesey, with our US Headquarters located in Arlington, VA.

Our highly skilled and experienced team continue to design and manufacture ground stabilisation Trackway® products for defense operations; and, as the global leader, our solutions are now in use by militaries worldwide.

[www.faustrackway.com](http://www.faustrackway.com)



“ Our products are unsurpassed  
in functionality, quality and  
durability ”





# THE SOLUTION TO LOGISTICAL CHALLENGES

Navigating difficult physical surroundings often impairs planning and movement, whether on the battlefield or in areas stricken by natural disaster. Our range of aluminum Trackway® solutions are used in a variety of front line and humanitarian situations. The multi-purpose panels are portable, allowing for safe, temporary access routes and landing areas for vehicles and aircraft.

- ✓ Rapidly Deployed
- ✓ Protects Environments
- ✓ Multi-Purpose
- ✓ Minimal Manpower











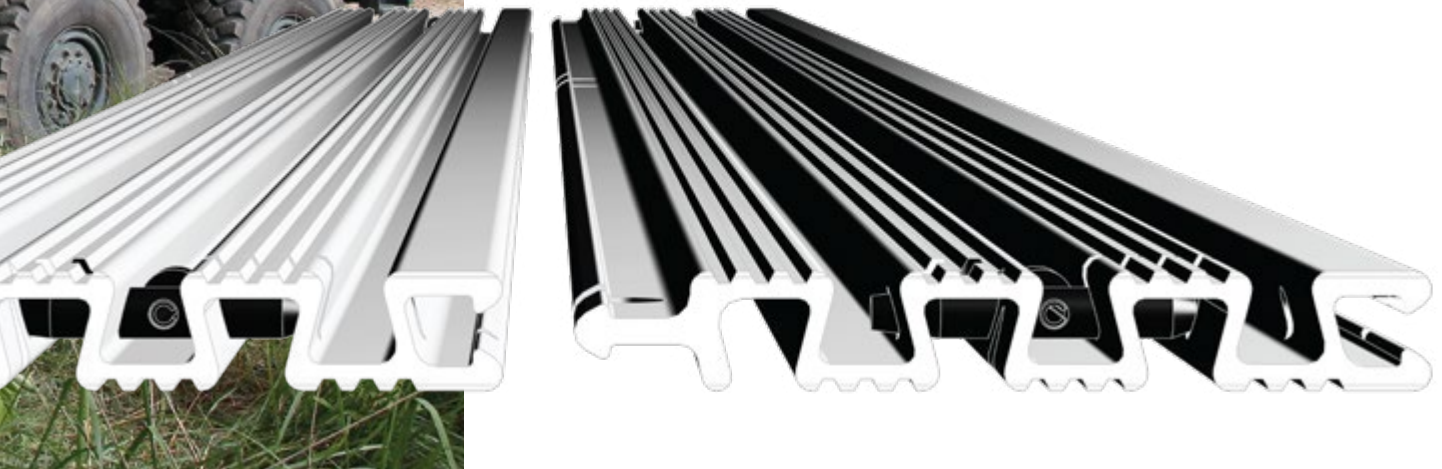
A large military tank is shown on a trackway system in a field. The tank is dark green and has a large, rectangular, mesh-covered front grille. It is positioned on a trackway system made of aluminum beams. The background shows a blue sky with white clouds and green trees.

# HEAVY GROUND MOBILITY SYSTEM

The Heavy Ground Mobility System creates a modular, aluminum access route to improve the mobility of vehicles and aircraft. Best suited to challenging ground conditions, including snow, marsh, mud, and sand, the system is suitable for heavy tracked and wheeled vehicles, including tanks, tank carriers, and bridge transporters.

The system comprises of a deployment and recovery mechanism, and M150 Trackway® which is the ideal solution for route clearance, bridging access and egress, parking areas, gap crossing and over the shore operations.

The renowned M150 Trackway® is graded as Military Load Classification (MLC) 70 baseline on 3% California Baring Ratio ground conditions, and loads of up to MLC 150 dependent on the ground conditions.



# DEPLOYMENT OPTIONS



## TRACKRACK®

## INDEPENDENT TRACKRACK®

### CAPACITY

164ft (50m) M150 Trackway®

98ft (30m) M150 Trackway®

### HOST VEHICLE

6x6 or 8x8 DROPS chassis

6x6 or 8x8 container frame chassis

### RESOURCES

1 operator  
1 driver  
10 minutes

1 operator  
1 driver  
10 minutes

### OTHER

Additional 164ft (50m) can be stored on a Spoolrack which is transferred to the Trackrack® once the first 164ft (50m) is deployed.

Hydraulic and electrical requirements are provided by the built-in independent power unit.





## HEAVY BEAM DISPENSER

98ft (30m) M150 Trackway®

Front-end loader / telescopic handler with  
minimum handling capability of 12T

1 operator

1 driver

8 minutes

Suitable for multiple operations where additional lengths are  
deployed to create a long access route.

## ADDITIONAL DEPLOYMENT OPTIONS

### HEAVY CONTAINER

Deploys and recovers 295ft (90m) of M150  
Trackway® by 2 personnel in under 8 minutes  
by a Rough Terrain Container Handling Vehicle.

### PUSHBAR

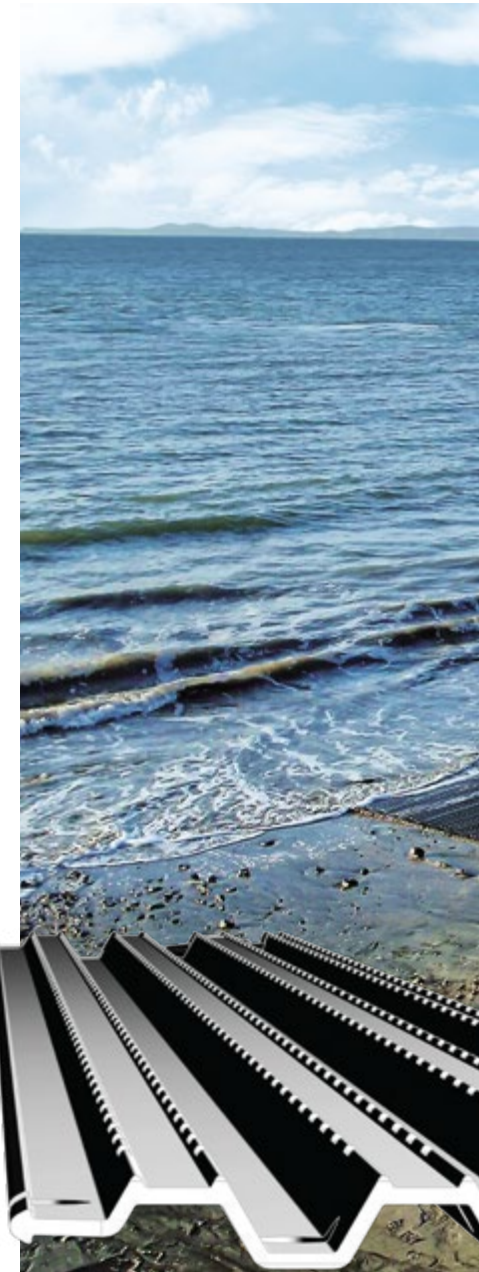
A lightweight deployment device which, when  
attached to a vehicle, will unroll up to 66ft  
(20m) of M150 Trackway®.

# MEDIUM GROUND MOBILITY SYSTEM

The Medium Ground Mobility System improves the mobility of vehicles with pneumatic tyres by creating an access route that stabilizes the ground when ground bearing pressure is very low.

The system comprises of M30H Trackway®, an aluminum panel, graded as Military Load Classification (MLC) 30 baseline on 3% California Baring Ratio ground conditions indefinitely, and loads of up to MLC 40 dependent on the ground conditions.

Versatile in its capability, the M30H Trackway® panel is the ideal solution for approach roads, gap crossing, temporary roadways, beach landings, and flooring.









# DEPLOYMENT OPTIONS

## FASTRACK

The Fastrack is a specifically designed launch and recovery system which can transport and store up to 164ft (50m) of M30H Trackway® using minimal manpower. The Fastrack is crane mounted to any 4x4 or 6x6 flatbed vehicle or chassis via twistlocks.





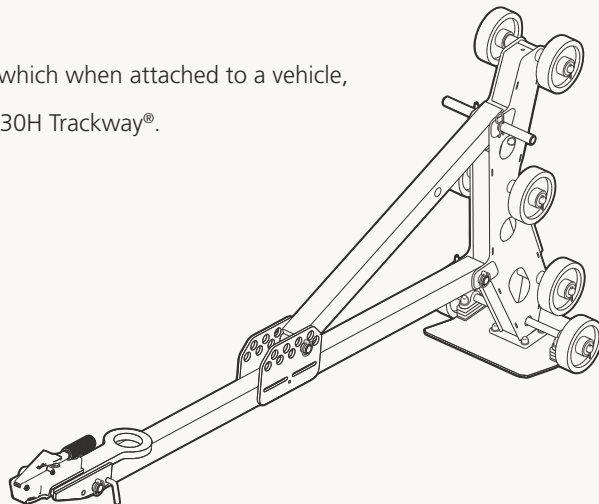
## MEDIUM BEAM DISPENSER

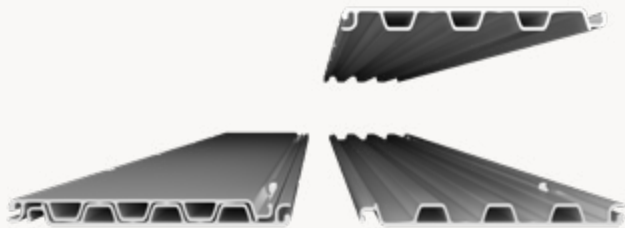
The Medium Beam Dispenser deploys and recovers up to 131ft (40m) of M30H Trackway®. Compatible with front-end loaders and telescopic handlers, it is suitable for multi-role operations, where additional 131ft (40m) lengths of M30H Trackway® can be joined together to create a long access road.



## PUSHBAR

A lightweight deployment device which when attached to a vehicle, will unroll up to 131ft (40m) of M30H Trackway®.





PSA Flat Top N Trackway®



PSA Trackway®



PSA Flat Top Trackway®



PSA Flat Top R Trackway®





# HELICOPTER LANDING MAT

Our Helicopter Landing Mat system allows expeditionary forces create safe landing, servicing, parking and take-off areas for all types of helicopters. The system suppresses dust and foreign objects, ensuring pilot and crew safety as well as asset protection. Developed for the UK Royal Engineers, the Helicopter Landing Mat is available in a variety of panel profiles.



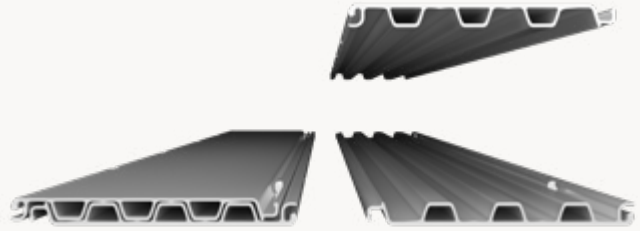


# AIRCRAFT LANDING MAT

A modular aluminum panel system that is the perfect alternative solution to concrete or asphalt runways. This innovative product allows expeditionary forces to build runways, taxiways and parking areas in scenarios where there is no time, requirement or ability to install a permanent airfield. Reusable for multi-operations, the system is available in a variety of Trackway® panel profiles, each suited to a group of aircraft and requirement, ensuring maximum usability.







PSA Flat Top N Trackway®



PSA Trackway®



PSA Flat Top Trackway®

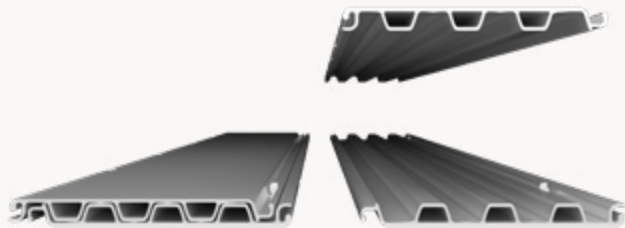


PSA Flat Top R Trackway®



S46H Trackway®





PSA Flat Top N Trackway®



PSA Flat Top Trackway®



PSA Flat Top R Trackway®



S46H Trackway®





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# UAV LANDING MAT

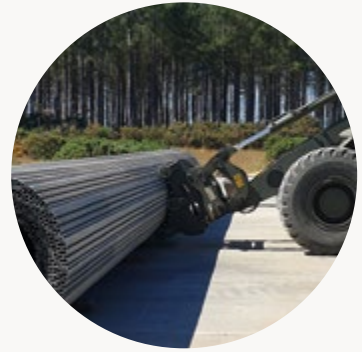
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The UAV Landing Mat is the epitome of landing mat technology evolution. Tried, tested and recommended by the Engineering Research and Development Center for Reaper and Predator loadings, this innovative solution is versatile, reusable and 100% recyclable. With a choice of aluminum Trackway® panels, the UAV Landing Mat has been specifically designed to create runways for UAV and drone operations.

The system can be supplied to your exact requirement, and is air transportable on NATO 463L pallets. Rapidly deployed in time critical scenarios, the UAV Landing Mat can be recovered just as quickly when required in an alternative location.



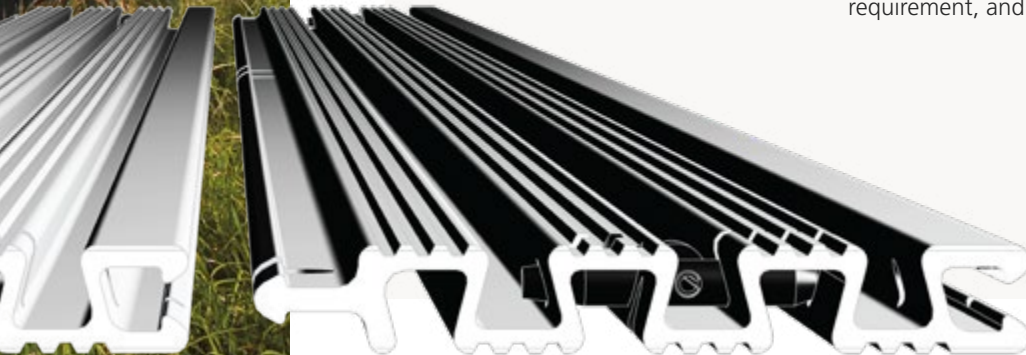




# RAPID RUNWAY REPAIR

Following an enemy attack, it is vital that operations can be resumed quickly. Rapid Runway Repair is an integral part of the Airfield Damage Repair process, which is an essential element in the capability of a base to 'Survive to Operate', developed by the UK Armed Forces and understood to be one of the most professional solutions in NATO.

The system enables the reconstruction of essential areas of the airfield, forming a Minimum Operating Strip and allowing for an emergency runway for operations to resume. Comprising of the M150 Trackway® Bomb Damage Repair Mat, the system can be supplied to suit any size requirement, and can be re-purposed when not required.



# INTEGRATED LOGISTICS SUPPORT

We consider Integrated Logistics Support to be a top priority; one in which the fundamentals focus on design, engineering and manufacture. Our client support does not end at providing top quality equipment, but starts at the beginning of the acquisition process, advising during the specification design stages and after contract award with an immediate design review.



**ENGINEERING  
SERVICES**

**PRACTICAL  
SERVICES**



**USER  
SERVICES**

**LIFECYCLE  
SERVICES**





# TESTIMONIALS

Brigadier Carell, Army Chief of Land Forces,  
Sweden

It is unusual to have a project delivered ahead of time. Well done to the FAUN Trackway® team.

Lieutenant Colonel Stefan Axelsson – Head Of  
Development, Swedish Engineer School

This equipment has a superior quality and operates effectively in all conditions including extreme climates such as arctic conditions.

Per Arne Johnson, Principal Officer - Head of  
Contract Office, Kolsaas, Norway

After an extensive period of testing and trials the Norwegian Defence Procurement division placed an order for 8 HGMS. Since delivery, they have been in active use in both the north and south of Norway and in missions abroad. HGMS has given us mobility capability that we did not have before the procurement. The system is easy to operate, has excellent build quality and operates effectively in all conditions.

Marcus Rubi, Engineer – Rescue Material and NBC  
Protection, Armasuisse, Switzerland

This was the first time Switzerland had entered into such a co-operation with another country (Sweden), and it was surprising how successful this had been.

Danish Acquisition and Logistics Organisation

We were impressed how FAUN Trackway® approached our brief, and the ease and speed in which the team went from concept to design, to fully-functioning prototype. We are confident that with this order we will significantly enhance our capabilities in difficult environments.

Christian Gnaegi, Project Manager Engineer –  
Equipment from Armasuisse the Competence Centre for  
Procurement within the Federal Department of Defence

We would like to praise the high level of professionalism of the employees at FAUN Trackway®. We can confirm that the team fulfilled the technical requirements and all stipulations. We are looking forward to future co-operation.





**FAUN Trackway USA, Inc.**  
Member of the KIRCHHOFF Group

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