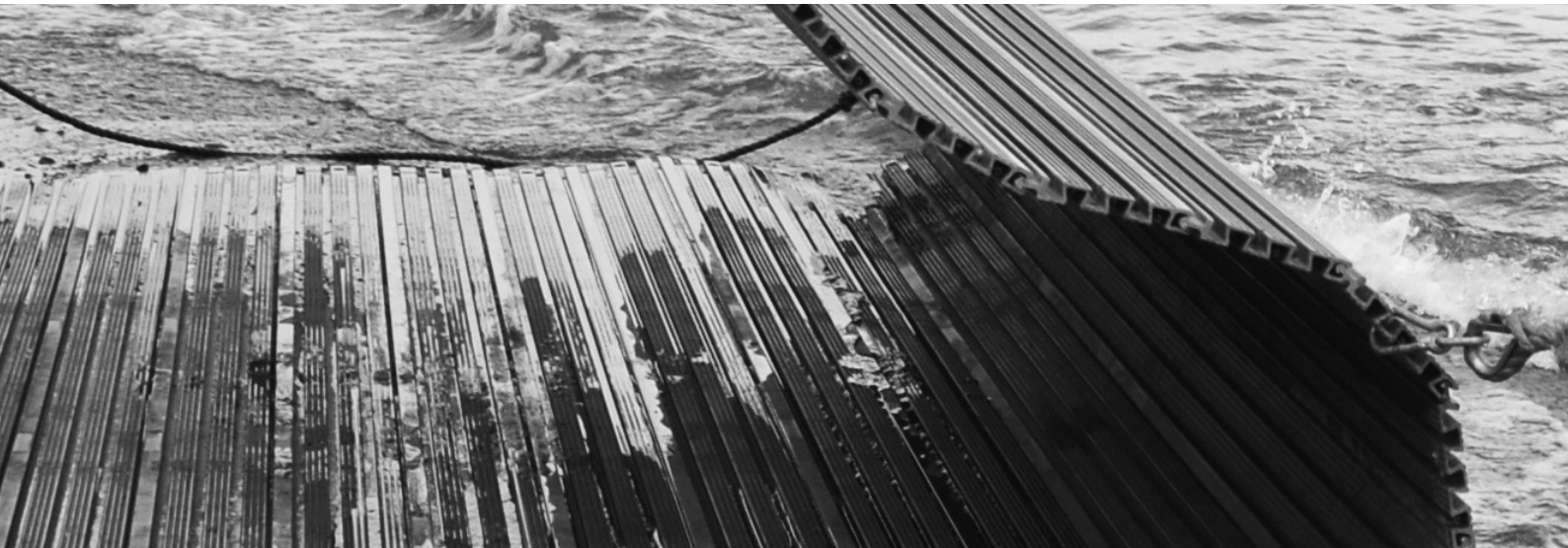
FAUN TRACKWAY

TECHNICAL INFORMATION
M150 BOAT RAMP KIT



M150 TRACKWAY

CAPABILITY

FAUN Trackway's M150 panels have numerous capabilities including:

- It is a modular roadway that provides clear access ways to and from water for vehicle loading;
- It creates roadways that can withstand heavy traffic for:
  - Rubber padded Tracked vehicles, with and without snow crosses;
  - Tanks with and without snow crosses;
  - Bridge transporters;
  - Multiple vehicles;
  - It is suitable for all road legal wheeled vehicles that require access to and from vessels.
- It can be deployed and recovered quickly and efficiently from a front end loader using the Heavy Ground Mobility System-Beam Dispenser (HGMS-BD). It can also be manually deployed;
- It is designed to be constantly reused and has a long operational life;
- It is a modular system comprising of single aluminium panels connected by male and female joints, and secured by locking pins. Individual panels can be easily removed or replaced as required;
- It provides a high traction surface;
- It is supplied flat-packed or rolled for manual deployment, or coiled onto an optional spool for mechanised deployment;
- It enables ingress and egress points at bridgeheads to allow vehicles to cross easily;
- It allows vehicles access across terrain with a low California Bearing Ratio (CBR);
- Ensures continuous vehicle mobility in any environment including Snow, Ice, Desert, Swamp etc and limits environmental damage caused by heavy vehicle traffic;
- Can withstand repeated loads of up to 150T, dependant upon ground conditions and length of use;
- Our technology helps to ensure rapid mission completion;
- M150 Trackway can also be used for: Rapid Runway Repair (RRR), Helicopter Landing Mat (HLM), hard surfacing areas and many other applications.

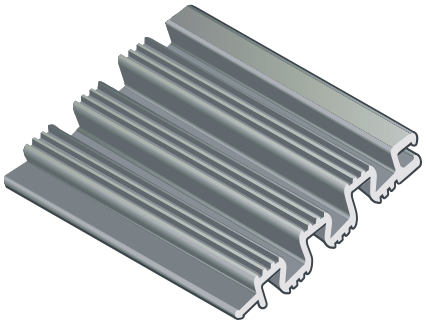
SPECIFICATION

Details of the M150 Trackway include:

- It can withstand temperatures ranging from -40°C to +60°C for maximum usability;
- Is 100% recyclable and has residual value at the end of its useful life;
- Is easily cleaned due to the open nature of the profile, thus minimising retention of mud and debris;
- Made up of aluminium alloy panels which slide and link together using male and female joints;
- Its articulated joint enables the roadway to be laid on undulating ground;
- Half panels at 5m intervals ensure easy assembly, splitting and joining;
- It has an open and corrugated profile design which ensures:
  - The roadway will not float and therefore is suitable for use in flowing, tidal and static water;
  - Is easily cleaned, minimising retention of mud and debris;
  - The panels can be easily inspected and repaired;
  - Provides a high traction surface to vehicles. It will grip the sub-surface to minimise panel roadway movement on inclines;
  - An optimised thick wall design to ensure no puncturing of the roadway;
  - Panels are laterally locked using captive quick release sliding shoot bolts;
  - No mandatory tools are required for splitting and joining. There are no loose fastenings;
- Easy splitting and joining in complete darkness, submerged, and if joints and locks are full of dirt and sand;
- Trackway enables wheeled or tracked vehicles to traverse soft ground without bogging down or causing severe damage to the ground surface;

- Reusable for multi-operations in any environment and is deployable by hand;
- Supplied with anchors for use on inclines;
- The assembled Trackway rolls up for storage and transportation;
- Anodised as standard for marine environments. Powder coating options are also available;
- Manufactured to any width and length upon request;
- Independently tested to MIL-STD 810F for Cold, Humidity, Heat, Solar & Dust, Vibration, Salt Mist and Shock.

M150 Trackway (15ft width)		
Part Number	5865868	
	Metric	**Imperial**
Width	4.572m	15ft
Length	20m	65ft 7"
Height	31.8mm	1.25"
Area	91.44m^2	984.25ft^2
Weight	3,148kg	6, 940lbs
Weight/Area	34.34kg/m^2	7.03lbs/ft^2

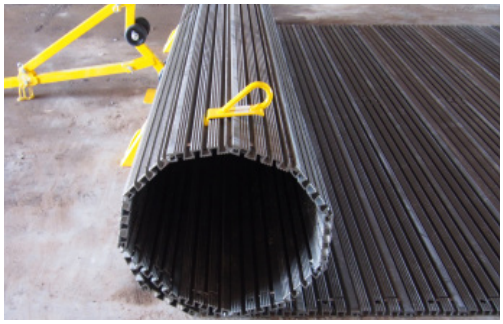


M150 Panel Profile

MANUAL DEPLOYMENT AND RECOVERY

The M150 Boat Ramp can be supplied with an accessory kit that allows manual deployment and recovery using the laying trolley. M150 Boat Ramp Accessory Kit:

Part Number	Name	Quantity
5670041	Transit / Holdfast Strap	2
5621388	Heavy Duty Wheel Chock	2
5865572	Laying Trolley	1
5865734	Rope Assembly	1
5670246	Webbing Sling 4T	2
5246216	Shackle 2T	2
5670172	Bow Shackle 4.75T	1
5253926	Sledge Hammer	1
5293726	Anchor Stake 760mm	6
5294359	Stake Removal Sling	1
5267530	Towing Adaptor	2
5267029	Rolling Catch	2



FAUN TRACKWAY

FAUN Trackway Limited
Member of the KIRCHHOFF Group

Bryn Cefni Industrial Estate,
Llangefni, Isle of Anglesey,
LL77 7XA, UK

www.fauntrackway.co.uk
info@fauntrackway.co.uk
Tel: 44 (0) 1248 722 777
Fax: 44 (0) 1248 750 490

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