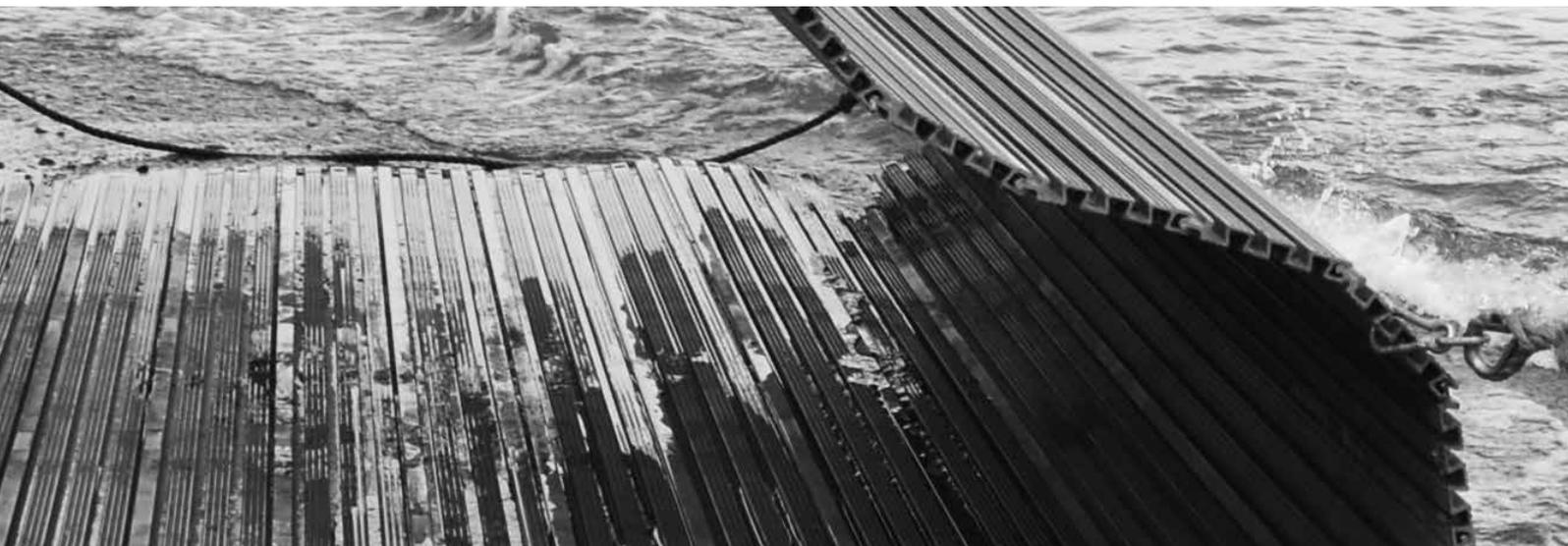


# TECHNICAL INFORMATION

## M150 BOAT RAMP KIT



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# 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.



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



**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 Limited**  
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