

# TECHNICAL INFORMATION

## C40 VEHICLE RECOVERY MAT (VRM)



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**VRM assists in the recovery of bogged down vehicles or helps vehicles gain traction on soft ground.**

**VRM avoids causing vehicle damage to the ground surface.**

## **KEY FEATURES**

- ▶ VRM is modular therefore panels can be connected to create various length recovery mat as required.
- ▶ VRM is designed to be constantly reused and has a long operational life.
- ▶ VRM is easily cleaned due to the open nature of the profile, minimising retention of mud and debris and eliminating contamination issues.



## **CAPABILITY**

- ▶ VRM provides improved accessibility across difficult terrains including river fordings, marshland, beaches, forests and verges.
- ▶ VRM reduces the damage caused by vehicles in environmentally sensitive areas.
- ▶ VRM is suitable for all road legal wheeled vehicles.
- ▶ VRM are manually deployed and recovered (by hand).
- ▶ VRM is a modular system comprising of single aluminium panels connected by male/female joints and secured with locking pins.
- ▶ VRM panel sections are easily removed and replaced as required.
- ▶ VRM provides a high traction surface.
- ▶ VRM is a no maintenance system.
- ▶ VRM provides a solid stable surface that does not wrap around the tyre.
- ▶ VRM can be customised to your requirements.

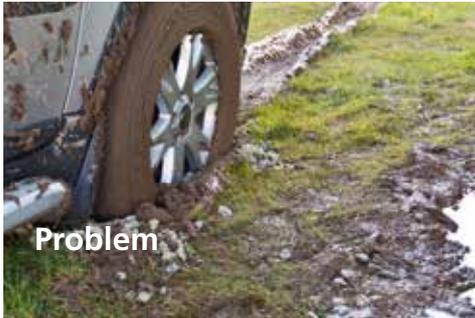
## **SPECIFICATION**

- ▶ VRM is designed to withstand repeated passes of vehicles with a single gross axle weight up to 13,000kg.
- ▶ VRM withstands ambient temperatures ranging from -40°C to +60°C.
- ▶ VRM does not float and is suitable for use in flowing water.
- ▶ VRM is 100% recyclable and has residual value at the end of its useful life. The panels are easily repaired in the event of damage.
- ▶ VRM panels are extruded from a high tensile aluminium and anodised for protection from corrosion.
- ▶ Anchorage equipment is included in the kit.
- ▶ The equipment is packaged into a sturdy transportation and storage box that can be lifted and carried by two persons.

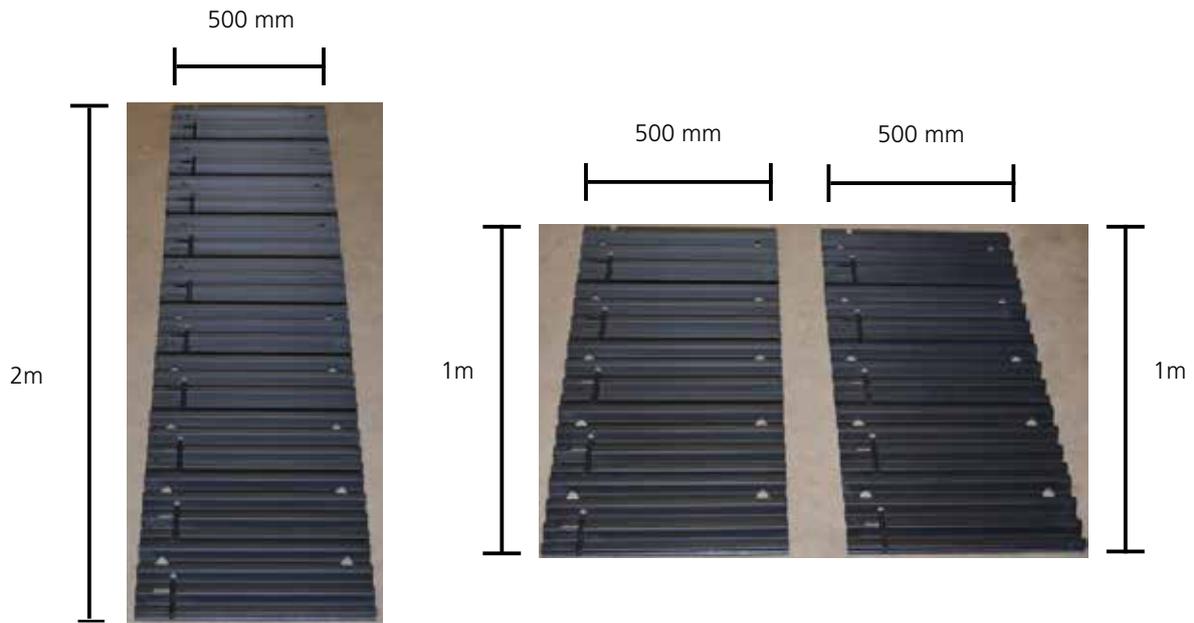
## DIMENSIONS

Single VRM Panel:		
Width	500 mm	19.7 in
Length	214 mm	8.4 in
Height	30.5 mm	1.2 in
Weight	2.3 kg	5.07 lbs

Complete VRM System (In Storage Box):		
Width	260mm	10.2 in
Length	600mm	23.6 in
Height	392mm	15.4 in
Weight	29kg	64 lbs



## CONFIGURATION



► Typically the user would join five panels to make a 1m VRM, however many panels can be joined to create a longer or shorter continuous length.



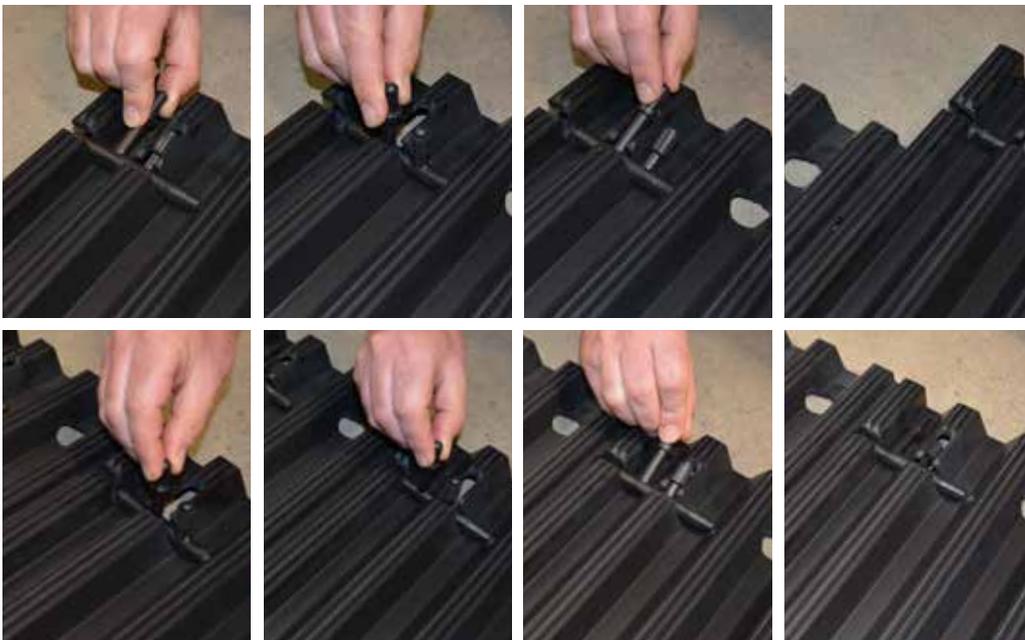
## PARTS LIST

5865217 VRM Kit, comprises;		
Part	Item	Quantity per Kit
5865200	Storage box (empty)	1
5865114	VRM Panel including locking pins	10
5865101	Locking Pin (Spare Pins)	2
5670040	Shovel	1
5670068	Canvas Bag	1
5670073	Cambuckle Strap with Claw Ends	2
5865119	Manual	1

## OPERATION

- ▶ Each panel has a male and female edge, at the end of each panel a locking pin is located.
- ▶ When the panels are connected, an articulated joint is formed, enabling the VRM to be deployed on undulating ground or coiled into a roll.
- ▶ The locking pin is moved to engage with a corresponding slot in the male edge of an adjacent panel, preventing lateral misalignment.
- ▶ The locking pin is pressed into the panel corrugation to lock the pin.
- ▶ Whilst the VRM is equally effective with either face uppermost, the locking pins are only accessible from one face.

Scan the QR code to watch a demonstration on how to configure the Vehicle Recovery Mat System



<https://www.youtube.com/watch?v=sMEshPPLSNk>

**FAUN Trackway Limited**  
Member of the KIRCHHOFF Group

[www.faustrackway.co.uk](http://www.faustrackway.co.uk)  
[info@faustrackway.co.uk](mailto:info@faustrackway.co.uk)

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

Tel: 44 (0) 1248 722 777  
Fax: 44 (0) 1248 750 490

