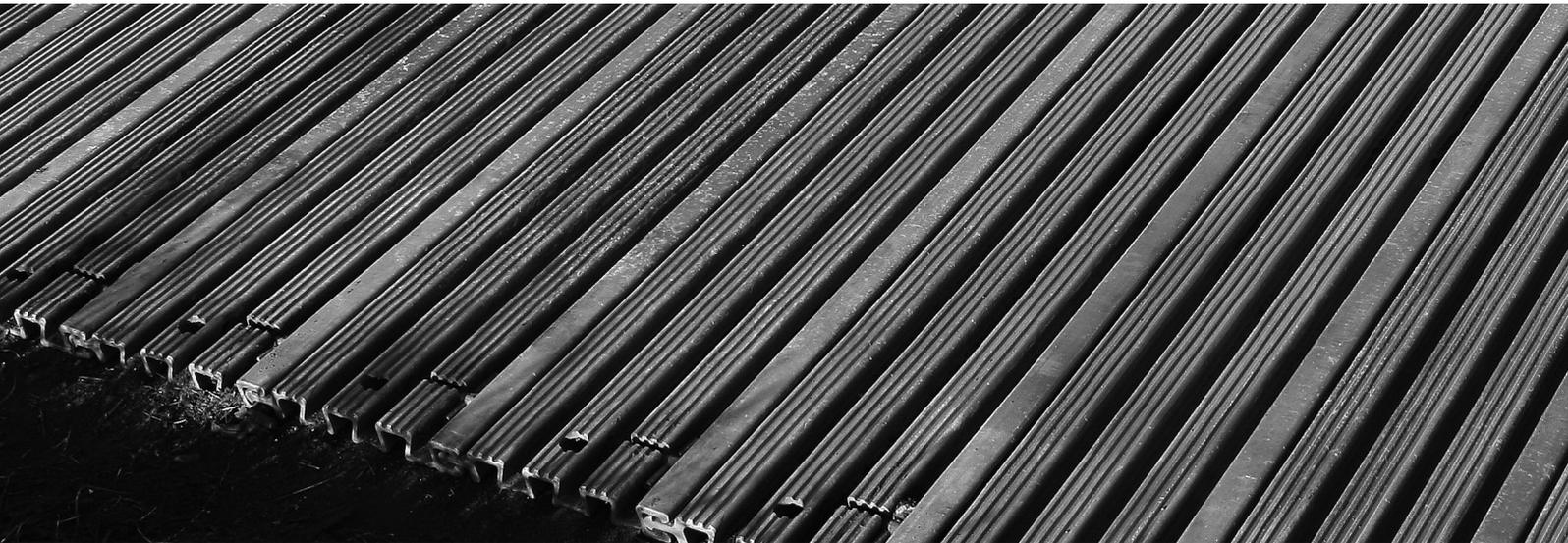
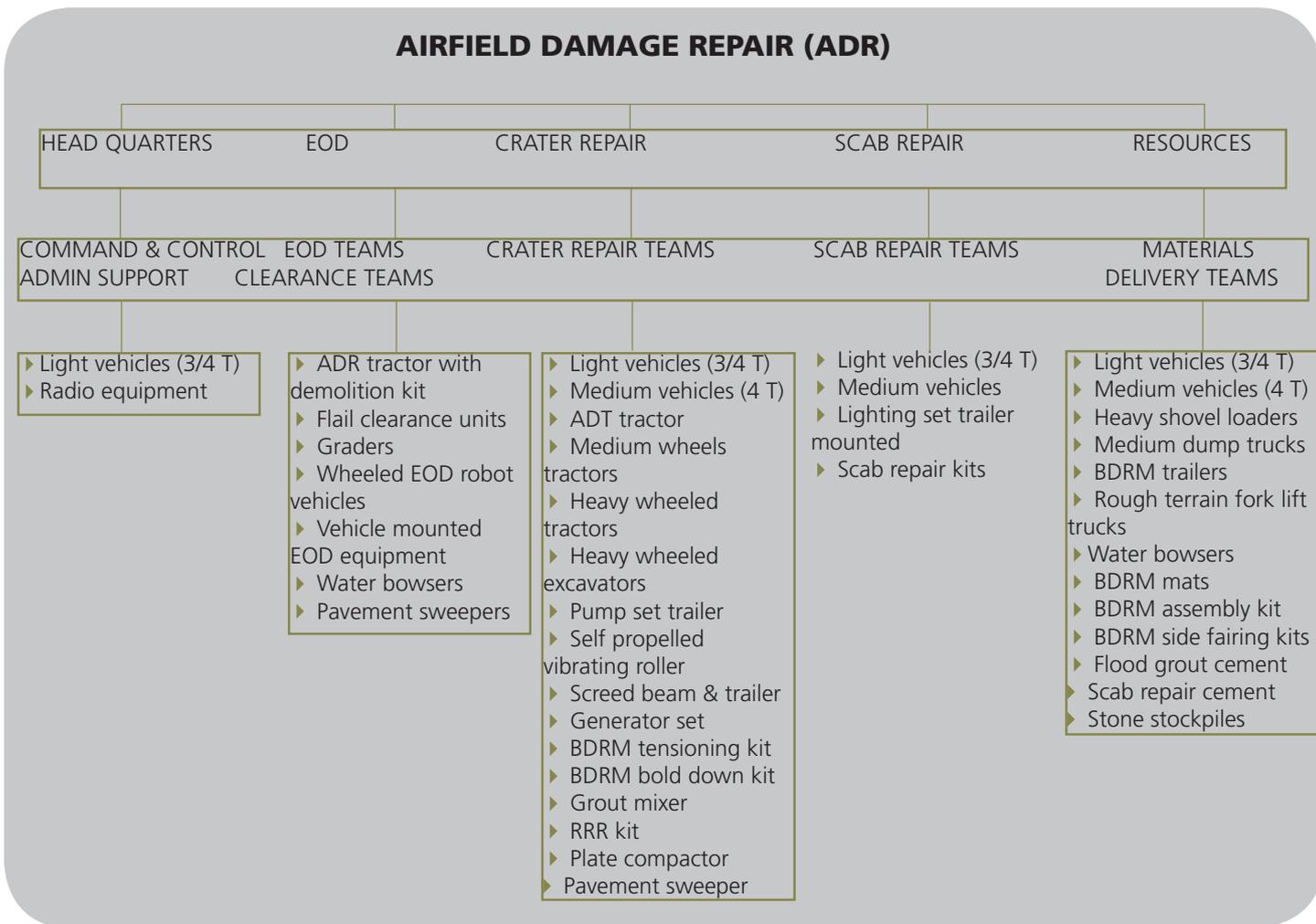


# TECHNICAL INFORMATION

## RAPID RUNWAY REPAIR (RRR)



FAUN Trackway M150 panel is used to create the FAUN trackway Bomb Damage Repair Mats (BDRM) and Bomb Damage Repair Patches (BDRP) that form a vital part of the Rapid Runway Repair (RRR) process. In addition to Bomb Damage Repair Mats and Patches, FAUN Trackway also provides a complete kit for RRR to be carried out.



## COMPOSITION

Aluminium with male and female t-slot forming an articulated joint. Powder coated finish or anodised to a grey finish with increased corrosion resistance.

## DIMENSIONS



**M150**

- ▶ Width: 4572mm
- ▶ Effective Length: 211mm as standard
- ▶ Overall Length: 229mm
- ▶ Height: 32mm
- ▶ Weight: 33.11kg
- ▶ Effective Area: 0.96m<sup>2</sup>
- ▶ Total weight: 3.11kg
- ▶ Area weight: 34.1kg/m<sup>2</sup>

### Panel size:

- ▶ Full panel = (W) 4572mm x (H) 31mm x 228(L) mm
- ▶ Half panel = (W) 2286mm x (H) 31mm x (L) 228mm

### Panel weight:

- ▶ Full panel = 33.11kg
- ▶ Half panel = 16.6kg

### No of panels:

- ▶ Full panel = 312
- ▶ Half panel = 104

M150 panels are anodised for durability, protection from corrosion and glare reduction. Ground anchorage accessories are included.

## CAPABILITIES

- ▶ BDRM cover up refilled craters to enable runways to be used efficiently after an enemy attack.
- ▶ BDRM technology is clearer for aircraft categorised as:
  - ▶ Load Classification Number (LCN) 45
  - ▶ Load classification Group (LCG) IV
- ▶ BDRM can also be used as a Helicopter Landing Mat.

## FEATURES

- ▶ BDRM have a choice of end fairing panel designs.
- ▶ BDRM modular system allows for parts to be easily replaced if necessary.
- ▶ BDRM technology is reusable for multiple operations and can be used in any environment.
- ▶ Can withstand temperatures ranging from +60°C to - 40°C.
- ▶ Can be mounted on a trailer for rapid deployment by hand.
- ▶ The BDRM system can easily be split to form two Bomb Damage Repair Patches (BDRP) for use on similar craters.
- ▶ BDRM is 95% recyclable and have enduring value at the end of their useful life.



Clean debris



Fill crater



Filling in crater



Dynamic compaction



Screed



Unroll mat



Tension mat



Drill and bolt

## BDRM TRAILER

### SPECIFICATION

BDRM trailer is a two axle drawbar trailer specifically designed for the carriage, loading and unloading of the BDRM.

### COMPOSITION

 Steel

### DIMENSIONS

- ▶ Length: 14.5 m
- ▶ Width: 2.5m
- ▶ Height: 2.28m
- ▶ Height with BDRM: 3.1m
- ▶ Weight without BDRM: 8,500kg
- ▶ Weight with BDRM: 21,000kg
- ▶ NATO Coupling: 76mm diameter

## CAPABILITY

- ▶ The BDRM trailer smoothly transports BDRM to the identified crater.
- ▶ BDRM trailer instantly unloads BDRM which is ready for roll out.
- ▶ The BDRM trailer also stores spare BDRM ready for future deployment

## RRR OTHER EQUIPMENT

FAUN RRR solutions are additionally comprised of the following equipment;

- ▶ Trailer mounted generators
- ▶ Mobile lighting towers
- ▶ Heavy wheeled tractors
- ▶ Self propelled vibrating rollers
- ▶ Pavement sweepers
- ▶ Screed beam and trailers
- ▶ Dewatering pumps
- ▶ Dynamic compactors
- ▶ Demolition buckets



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

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

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



INVESTORS  
IN PEOPLE

