



# RM90

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## RAILMAT



# RM90™

## BENEFITS

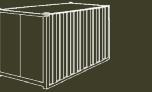
The RM90 is a modular steel 90 short-ton MAT system designed for loading operations in yard and remote locations for loading/unloading rail cars with heavy wheeled and tracked vehicles.

The MAT system has been designed for continuous extreme duty cycle.

4 MAN MANUAL  
HANDLING



PACKS DOWN  
FOR RAPID  
DEPLOYABILITY



NO CONTACT  
WITH RAIL



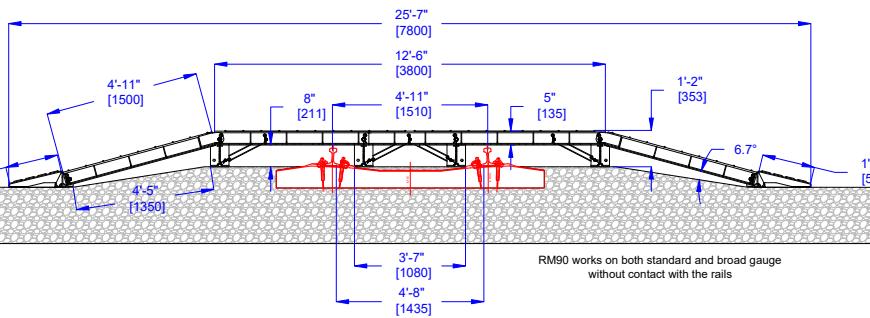
USE ON  
BOTH  
STANDARD  
AND BROAD  
RAIL GAUGE

90 TON  
CAPACITY



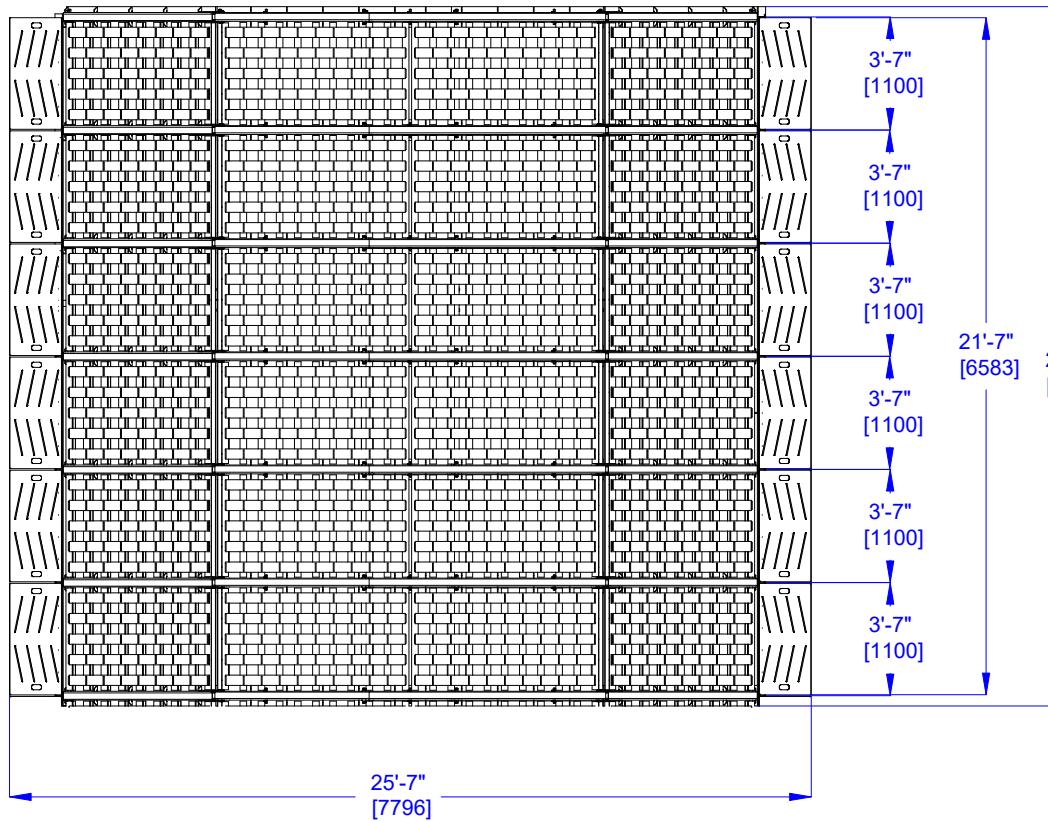
## RAIL MAT

RM90 - Cross Section



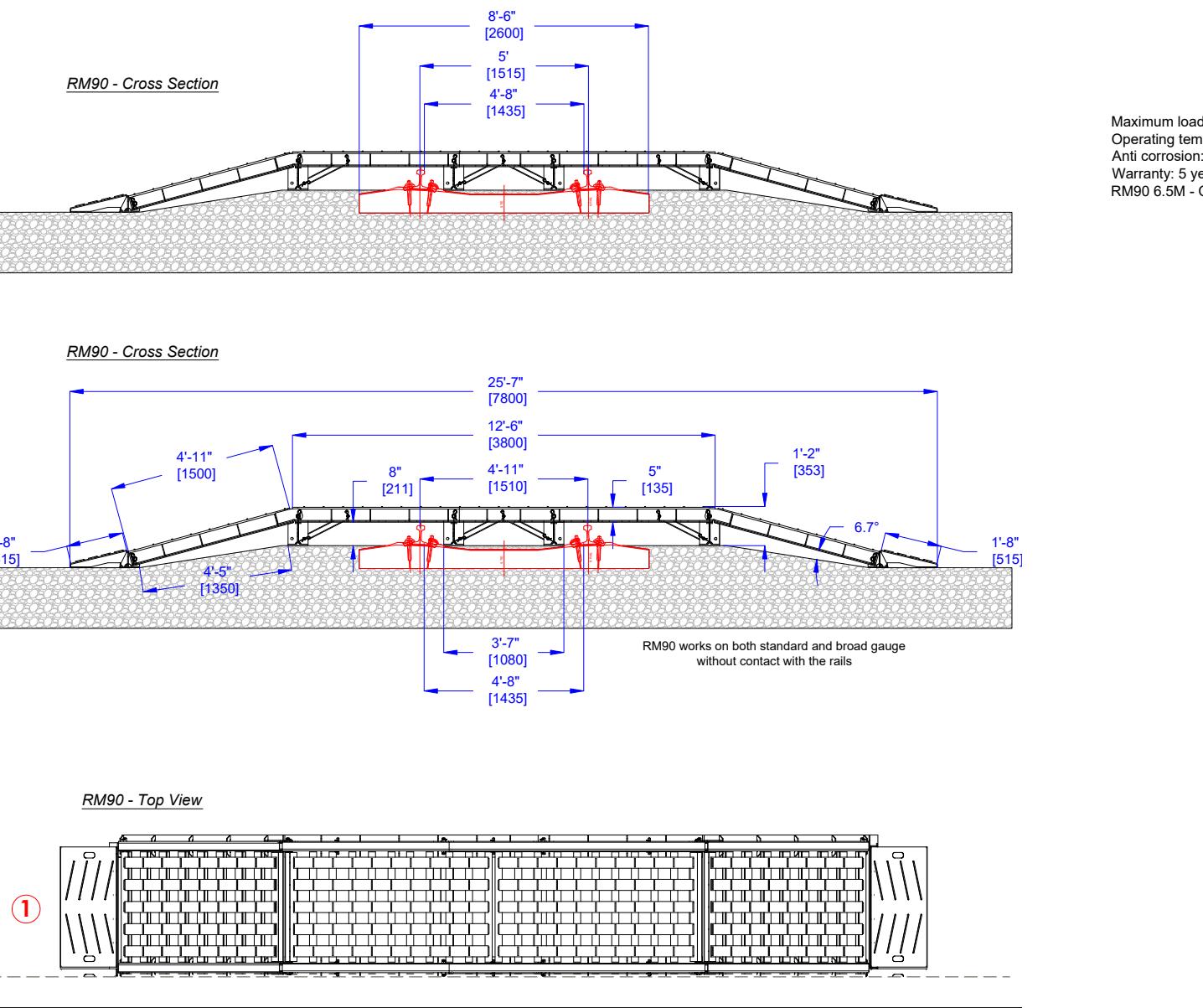
Maximum load capacity: 90 short tons  
Operating temperature range: -20°C to +50°C  
Anti corrosion: hot deep galvanization  
Warranty: 5 years limited  
RM90 6.5M - Overall weight: approx. 8950 kg (19000 lbs)

RM90 - 6.5M Top View  
6 SECTIONS LONG



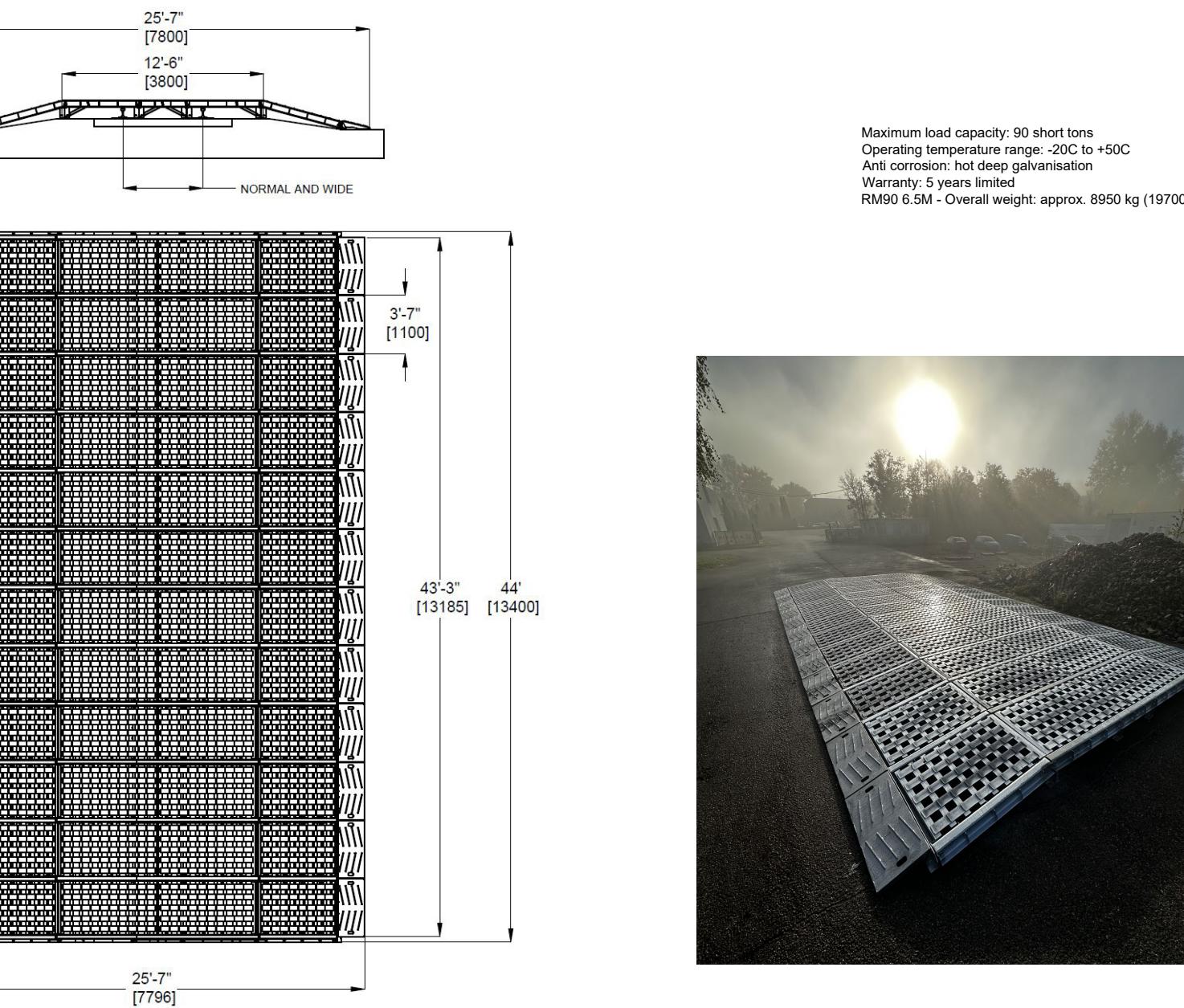
## RAIL MAT

## RM90



## RAIL MAT

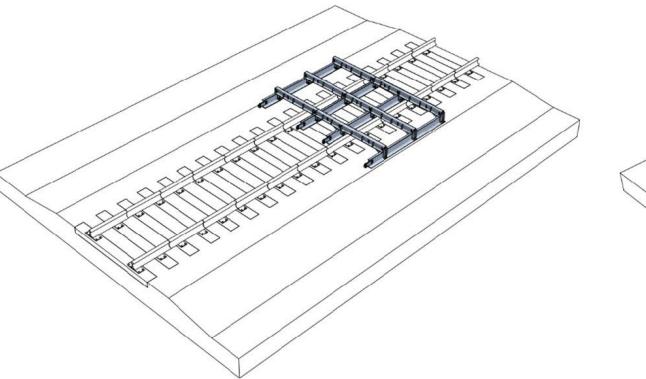
## RM90



## RAIL MAT - INSTALL

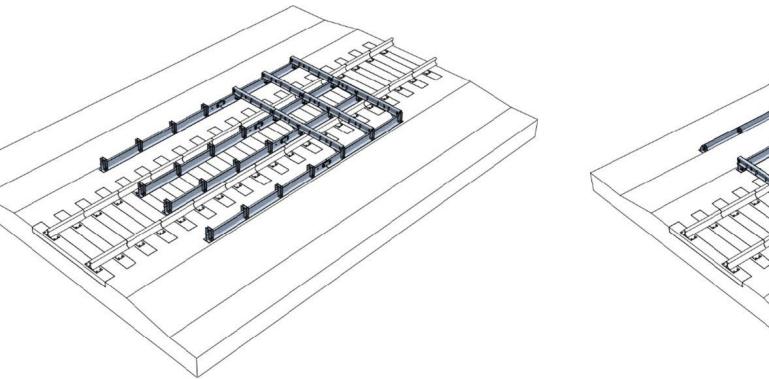
For full install information please see our UTILIZATION AND MAINTENANCE MANUAL

RM90



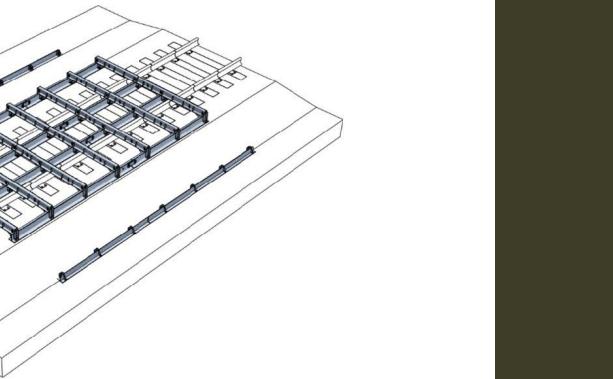
### MAIN CROSS BEAMS (SEGMENT 1)

Connect two main cross beams with longitudinal beams and bracing



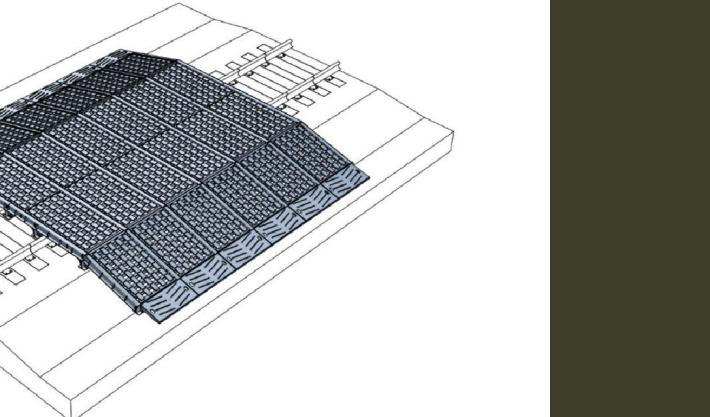
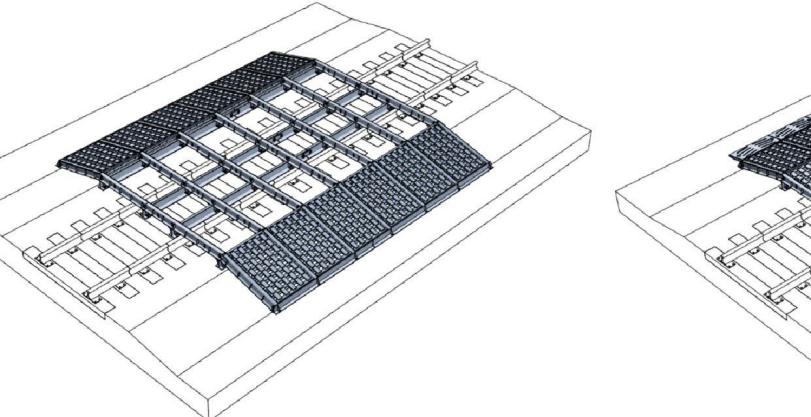
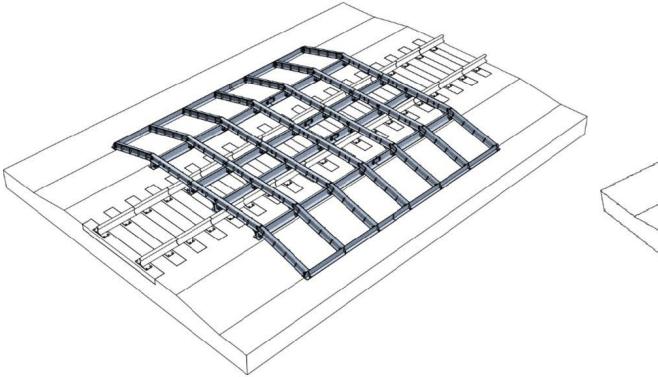
### MAIN LONGITUDINAL BEAMS (SEGMENT 2)

Extend main longitudinal beams  
Install side cross beams between main and edge longitudinal beams



### SLIDE DECKS & DRIVE ON WEDGES

Place in slide decks and drive on panels  
Make sure security pins are aligned out of collision with decks



The RM90 can be moved by suitable forklift truck or other lifting device by using common lifting practices.  
It is advisable to use lifting devices to assist transport and assembly of the MAT.

The RM90 can however be assembled only using man power and manual handling of elements if required. Number of personnel assigned to lift individual elements should be adequate to elements weights and personnel lifting capabilities. It is advisable that decks and main beams are lifted by minimum of 4 men.

Matt can only be moved disassembled. Once assembled on the ground is not supposed to be moved.



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