



PLAN VIEW

ALIMATS® INTERLOCKING MODULE QUANTITIES:

- LOADCASE 1 - 18 number 1740mm x 580mm x 60mm
- LOADCASE 2 - 6 number 1160mm x 580mm x 60mm
6 number 1740mm x 580mm x 60mm
24 number 2175mm x 580mm x 60mm
20 number 12mm Enduramat (non-friction layers)
- LOADCASE 3 - 36 number 2175mm x 580mm x 60mm (tracking)
8 number 2175mm x 580mm x 60mm (operating)

DESIGN NOTES:

- a. The purpose of outrigger mats is to spread the outrigger load over the entire mat area. To achieve this the material must be suitably stiff and be able to deflect in order to increase the area the load is applied to the ground, thus reducing the applied pressure. This will be dependant on the supporting ground and must be considered / specified within the Temporary Works design. Where outrigger mats are used on hard surface it is recommended that a compressible layer (ie: Ethafoam) is placed below the mat surface to ensure the system functions as structurally intended.
- b. For further guidance on section properties and or any other technical query please contact Brilliant Ideas Ltd on 01335 345 111 or enquiries@brilliantideasltd.co.uk
- c. All Temporary Works designs should be carried out by a competent Temporary Works Engineer, it is the Temporary Works Engineer's responsibility to ensure that the ALIMATS® system is suitable for their application.

NOTE:

- a. The MEWP dimensions are based on a JLG® Boom Lift Model 1850SJ.
- b. Based on configuration for LOADCASE 3 this enables a load spread area under each wheel equating to 5.04m² and this can be further explained on our drawing A-BIL-6M-504.
- c. Whilst operating the wheels are working similar to cranes outriggers and load spread area can be increased subject to Temporary Works comments / approval.

IMPORTANT NOTICE - MODULE INTERLOCK:

Brilliant Ideas Ltd manufacture ALIMATS® from extruded Aluminium and the system has a fully patented interlocking design which enables monolithic action and bi-directional load spread. To ensure the system works as structurally intended the interlock must be engaged along the longitudinal joints.



INTERLOCK BEING ENGAGED DURING SITE SET-UP		
INTERLOCKED		
NO INTERLOCK		

Guidance on site placement refer to document: **Risk Assessment / Site Placement Guidelines**

Revision	Description	Date	Initial	Checked



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Drawing Title:
**TEMPORARY PLATFORM
SALFORD
JLG1850SJ**

Drawn By: DW	Scale @ A3: NTS UNO
Checked By: KH	Date: 19/10/2021
Drawing Number: A-BIL-118M-GA01	Revision: T1