

## EQUIPMENT DATA SHEET - LINKSPAN BRIDGE SYSTEM

ALE use a Modular Linkspan Bridge System for load-out and load-in work. All components are designed for the maximum loads produced by SPMT (Self Propelled Modular Transporters).

The main components of the system are:

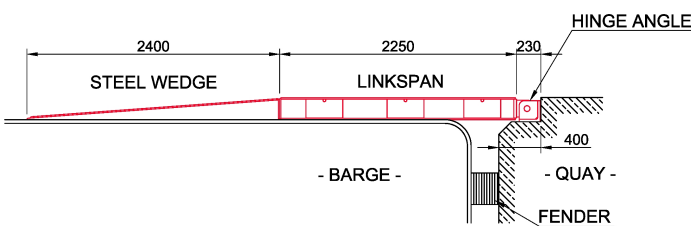
**Linkspans:** These are available in 2.25m and 5.5m lengths. Each board is 1.0m wide and fabricated from 5 No. steel 203 x 203 UC sections welded toe to toe. All boards are fitted with 2 pad eyes to allow for connection to the Hinge Angle.

**Hinges Angle:** these are a standard 4.0m length and are fitted with pad eyes to connect to any ALE Linkspan. They are fabricated from 200 x 200 RSA to allow for fitting either into a quay rebate or onto a barge deck.

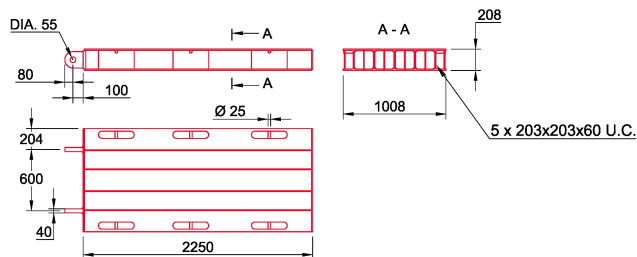
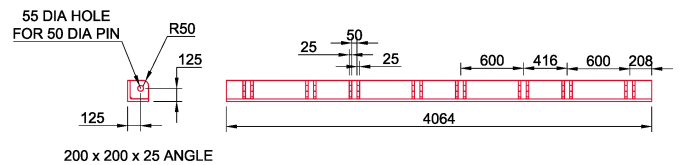
**Pins:** each steel linkspan is connected to the hinge angle using 2 No. 50mm diameter steel pins.

**Wedges:** these are to provide a transition from the quay or barge deck onto the linkspan. They are fabricated from steel and are made of 1.0m sections, nominally 2.4m long.

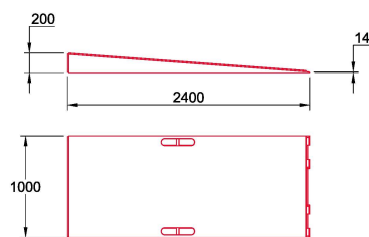
The following drawings outline this system:



- Linkspan Bridge System during a typical Loadout operation.
- Hinge angles may be either welded to the barge deck or alternatively, fitted into a quay rebate.



HINGE ANGLE



STEEL WEDGE

For reference only

