

1.5 RLB20 RAIL BEAM



The Thomson RLB20 Rail Beam is the ideal solution for lorry cranes and excavators handling short lengths of new rail or full lengths of scrap rail.

Using the same fail-safe cam mechanism as many of our other rail handling and panel beams this light, robust little beam is designed for long life with minimal maintenance.

Fitted with a hydraulic rotator, safety lift sensing valve, system pressure control valve and check valves on the grab cylinders this is a top specification product which is used on excavators, lorry loading cranes and rail mounted maintenance machines.



FEATURES

- Lightweight & Compact
- Fail-safe Cam Mechanism
- Red-flag jaw safety indicators
- High Strength
- All Steel Construction
- High Resistance to Dynamic Loads
- High Resistance to Abuse
- Proven in Use Since 2007
- 2,000 kg WLL
- 4,000 kg Proof Load
- Full Factory Parts Backup
- CE Marked

A STRONG, SAFE, RELIABLE RAIL HANDLING BEAM FOR DELIVERY AND SITE APPLICATIONS

SPECIFICATIONS

Weight (C/W rotator and head)	285 kg
WLL (Safe Working Load)	2,000 kg
Proof Load (Factory test)	4,000 kg
Mechanism	Cam Operated
Indication	'Red Flag' Indicator
O/A Height	710 mm
O/A Width	290 mm
O/A Length	1300 mm

Max. Hyd. Pressure	210 Bar
Min. Hyd. Pressure	90 Bar
Body Colour	08E51 Yellow
Moving Parts	Signal Red

DOCUMENTATION

- Operator's Manual
- Parts Manual
- Maintenance Plan
- LOLER Test Certificate
- Pads No. 094/002030



BENEFITS

- Cam mechanism means no linkage to jam and fail safe operation
- Fully enclosed mechanism means reduced damage
- High strength for durability



Specifications given may be subject to change due to our policy of continuous improvement

OPTIONS AND ORDERING INFORMATION

The RLB20 Rail Beam is available with a full range of adapter heads to suit excavators and truck mounted cranes.

As standard a parachute valve is installed to prevent the inadvertent release of the load when lifting. For special applications such as scrap handling the parachute valve can be omitted from the specification.

Where the parachute valve is omitted the operator must put in place a safe system of work to cope with the increased risk of operation.



Example: RLB20-02-07 Rail Beam with parachute valve and special adapter head for handling scrap rail with a tipper lorry

PRODUCT ACCEPTANCE

This product has full Network Rail Product Acceptance under Certificate number 05/02964

MODEL NUMBERS FOR ORDERING

When ordering this product please use the ordering code below to specify the correct options

RLB20-□□-□□

Beam Type	Code
No Parachute Valve	01
With Parachute Valve	02

Adapter Type	Code
Beam with flange only	00
Fixed head for swivel hook	01
Swivel head for fixed hook	02
Rotator + 1 pin head	03
Rotator + 2 pin head	04
Archimedes / QC adapter head	05
Rotator + truck crane adapter	06
Special Adapter	07

NOTE

When ordering adapter heads we will need to know the dimensions of your host machine.

Please see Section 10 for details of the dimensions we require for each type of adapter head.

See Section 10 for adapter types and details