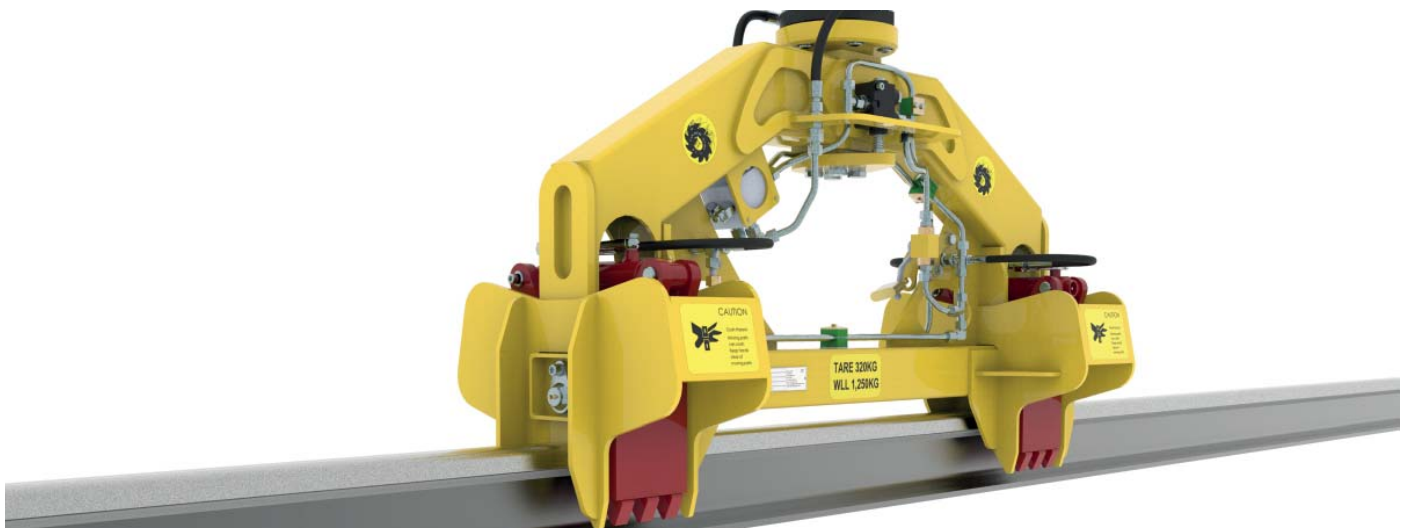


# 1.18 RHB16 RAIL HANDLING BEAM



Designed for use with excavators and lorry mounted cranes the RHB16 Rail Handling Beam is specifically intended for use in rail delivery operations.

The unique design of the jaws allows rails to be stacked foot-to-foot to maximise load capacity on trucks and rail wagons.

A parachute valve prevents inadvertent dropping of the load but this can be overridden if used to load scrap rail into bins.

The heavy duty construction includes a six-tonne capacity rotator and an all-steel heavy section frame.

Check valves on the cylinders protect against leakage and burst hoses.



## SPECIFICATIONS(TYPICAL)

Weight	325 kg
WLL (Safe Working Load)	1,250 kg
Proof Load (Factory test)	2,500 kg
Rotator rating (where fitted)	6,000 kg
Mechanism	Hydraulic
O/A Height (typical)	1,430mm
O/A Width	500mm
O/A Length	1,275mm

Max. Hyd. Pressure (grab)	290 Bar
Min. Hyd. Pressure (grab)	90 Bar
Max. Hyd. Pressure (rotate)	160 Bar

Body Colour	08E51 Yellow
Hydraulic Cylinder	Signal Red
Jaws	Signal Red

## FEATURES

- Full Hydraulic Actuation
- Unique Jaw Design
- Parachute Valve
- Heavy duty construction
- Stack Rails Foot-to-Foot
- All joints fitted with grease nipples.
- Full Factory Parts Backup
- CE Marked

A HEAVY DUTY GRAB DESIGNED SPECIFICALLY FOR RAIL DELIVERY OPERATIONS.

## DOCUMENTATION

- Operator's Manual
- Parts Manual
- Maintenance Plan
- LOLER Test Certificate



## BENEFITS

- Pack rails tightly on trucks and wagons
- One man operation
- Use with either truck mounted crane or excavator



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

# OPTIONS AND ORDERING INFORMATION

The RHB16 Rail Handling Beam is available in two versions: with or without the parachute safety valve.

The basic beam has a 6 bolt standard rotator flange mounting but can be factory-supplied with a wide variety of adapter head options including hydraulic rotators (see Section 10 for full details).

This beam can also be fitted with an adapter head for our quick change truck crane adapter system.

Standard colours are as shown but alternative paint schemes are available - please contact the sales team for details.



**Example: RHB16-02-06-01 beam with parachute valve, rotator and truck crane adapter head, no stillage**

## PRODUCT ACCEPTANCE

This product is primarily specified for road haulage of rail sections and for loading and unloading rails in handling yards

As such no application has yet been made for Product Acceptance however Thomson Engineering will be pleased to make an application if required

# MODEL NUMBERS FOR ORDERING

When ordering a RHB16 Rail Handling Beam please use the order code below to specify the correct options.

# RHB16-□□-□□-□□

Beam Type	Code
No Parachute Valve	01
With Parachute Valve	02

Stillage	Code
No stillage	01
With Transport / Storage Stillage	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