

# Universal Lifting Beam



**The Thomson Universal Lifting Beam is the industry standard device for tandem lifting of track panels.**

Rated to 10,000kg Safe Working Load each beam is factory tested to 20,000kg and designed to withstand even higher dynamic loads.

Built-in pressure control and automatic locking of the jaws whilst lifting ensures that this beam is extremely safe in use.

The jaws themselves can be rotated to convert this beam into a rail beam.

This beam is available in standard gauge, 1600mm gauge and 1000mm / 1067mm gauge versions and all versions can also be supplied with a hydraulic rotator and adapter head.

A special version with roller jaws is also available for use with traveling gantry systems and in tandem pick-and-carry operations.

## Specifications

Weight (std. gauge typ.)	380 kg
WLL (Safe Working Load)	10,000 kg
Proof Load (Factory test)	20,000 kg
Mechanism	Fully Hydraulic
Indication	Jaws Visible to Operator
O/A Height (spec. shown)	575 mm
O/A Width	350mm
O/A Length	1820 mm



## Features

- Strong and Robust
- Fully protected hydraulic cylinders
- Bronze bushes in jaws
- Rotating Jaw Assemblies
- All Steel Welded Construction
- High Resistance to Dynamic Loads
- High Resistance to Abuse
- Proven in Use Since 2000
- 10,000 kg WLL
- 20,000 kg Proof Load
- Full Factory Parts Backup
- CE Marked

THE INDUSTRY STANDARD PANEL LIFTING BEAM FOR TANDEM LIFT OPERATIONS

## Documentation

- Operator's Manual
- Parts Manual
- Maintenance Plan
- LOLER Test Certificate
- PADS No. 094/002028



## Benefits

- Proven strength, reliability and durability
- Variety of configurations available
- Can be used as a rail beam



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

# Options and Ordering Information

The UB02 Universal Lifting Beam is available for standard, narrow and broad gauge track panels.

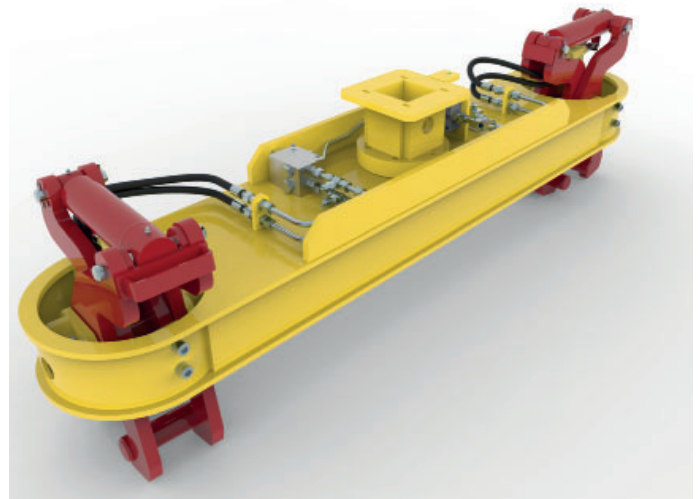
Note that the rotating jaws allow a broad gauge beam to be used for handling standard and narrow gauge panels. Similarly a standard gauge unit can also handle narrow gauge panels but will not work with broad gauge track.

The beam is fitted as standard with pressure control and a parachute valve to prevent inadvertent release of the load when lifted.

We strongly recommend that, when used for tandem lifting of track panels, at least one of the beams should be fitted with a swivel or fixed head for hook attachment to the host machine.

For tandem pick and carry operations one beam may be specified with roller jaws to allow for slight differences in speed between the host machines.

A transport / storage stillage is available for this product.



Example: UB02-01-05-01 Universal Lifting Beam, standard gauge, with Archimedes square drive head and no stillage

## PRODUCT ACCEPTANCE

This product has full Network Rail Product Acceptance under Certificate number 05/02004

# Model Numbers for Ordering

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

UB02-□□-□□-□□

Beam Type	Code
Standard Gauge	01
1600mm Broad Gauge	02
1000mm/1067mm Narrow Gauge	03

For roller jaw version add suffix A eg. 01A for standard gauge beam with roller jaws, 01 for standard gauge beam with grab jaws.

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 ask for a copy of our adapter head selection guide