

1.7 UB02 UNIVERSAL LIFTING BEAM



The Thomson Universal Lifting Beam is the industry standard solution for tandem lift panel handling but it is also capable of use as a rail handling beam.

Each end of the beam has hydraulic rail jaws mounted in turntable mounts which allow the jaws to rotate to change from panel mode to rail handling mode.

The 10,000kg Safe Working Load means that the beams have plenty of strength for the task!

A load sensing valve prevents the jaws from opening when the beam is carrying a load.



FEATURES

- Jaws on rotating mounts
- Load sensing safety valve
- All Steel Construction
- High Resistance to Dynamic Loads
- High Resistance to Abuse
- Proven in Use Since 2000
- 10,000 kg WLL
- 20,000 kg Proof Load
- Rotator, swivel head and low-headroom adapter head versions available
- Full Factory Parts Backup
- CE Marked

THE MOST VERSATILE AND POPULAR COMBINATION LIFTING BEAM ON THE MARKET

SPECIFICATIONS

Weight (Standard)	380 kg
Weight (with rotator) typical	460 kg
WLL (Safe Working Load)	10,000 kg
Proof Load (Factory test)	20,000 kg
Mechanism	Hydraulic
Indication	Jaws visible to operator
O/A Height	Depends on config.
O/A Width	380mm
O/A Length	1820 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. 094/002028



BENEFITS

- Multi-purpose beam
- High reliability, low maintenance
- Rotator, swivel head and low-headroom attachment head options
- Built-in pressure control to prevent overloading of hydraulic system



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

OPTIONS AND ORDERING INFORMATION

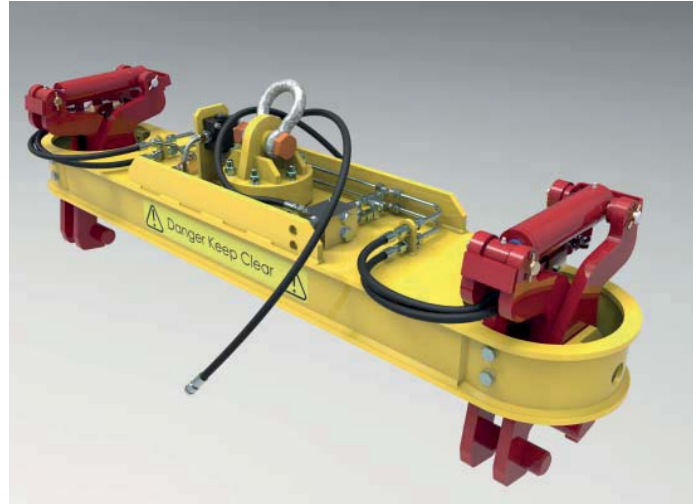
The UB02 Universal Lifting Beam is available for standard and broad gauge track panels.

Broad gauge beams are compatible with all track gauges, standard gauge beams are compatible with standard and narrow gauge only.

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.

A transport / storage stillage is available for this product.



Example: UB02-01-01-01 Universal Lifting Beam, standard gauge, with fixed head for swivel hook 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

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