

1.8 TRLB20 TELESCOPIC RAIL LIFTING BEAM



Our TRLB20 Telescopic Rail Beam is the first choice for handling new rails up to 20m in length.

This beam is the only hydraulic rail beam certified by Network Rail for handling new rail.

A variety of versions are now available for handling running rail, conductor rail and grooved rail.

Many of these beams are in use on rail delivery lorries where their ease of integration with lorry loading cranes is much appreciated.

TRLB20 Telescopic Rail Beams are supplied with transport stands as standard equipment.

SPECIFICATIONS

Weight (Typical)	650 kg
WLL (Safe Working Load)	1,250 kg
Proof Load (Factory test)	2,500 kg
Mechanism	Cam Operated
Indication	'Red Flag' Indicator
O/A Height (spec. shown)	910 mm
O/A Width	290 mm
O/A Length	3,600 to 6,200 mm



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

FEATURES

- Lightweight & Compact
- Fail-Safe Cam Mechanism
- Running rail, conductor rail and grooved rail versions available
- Manual and hydraulic telescoping versions
- High Strength
- All Steel Construction
- High Resistance to Dynamic Loads
- High Resistance to Abuse
- Proven in Use Since 2006
- 1,250 kg WLL
- 2,500 kg Proof Load
- Automatic clamping of telescopic sections
- 'Red-Flag' jaw status indicators
- Full Factory Parts Backup
- CE Marked

DOCUMENTATION

- Operator's Manual
- Parts Manual
- Maintenance Plan
- LOLER Test Certificate
- PADS No. 094/002031



BENEFITS

Cam mechanism means no linkage to jam

Fully enclosed mechanism means reduced damage

The only hydraulic beam currently accepted by Network Rail for the handling of new rail in 18m lengths



OPTIONS AND ORDERING INFORMATION

The TRLB20 Telescopic Rail Lifting Beam is available with either manual or hydraulic telescopic extension.

The manual version is automatically clamped at the set length when the grab jaws are closed, a manual valve is used to release the clamps to allow the beam to be adjusted.

The hydraulic extension version incorporates an automatic changeover system which allows the operator to level the load once the beam has been lifted.



Example: TRLB20-01-05 Telescopic Rail Lifting Beam with manual extension and Archimedes square drive adapter head.

PRODUCT ACCEPTANCE

This product has full Network Rail Product Acceptance under Certificate number 05/02965

MODEL NUMBERS FOR ORDERING

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

TRLB20-□□-□□

Beam Type	Code
<i>Manual Extension</i>	01
<i>Hydraulic Extension</i>	02

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