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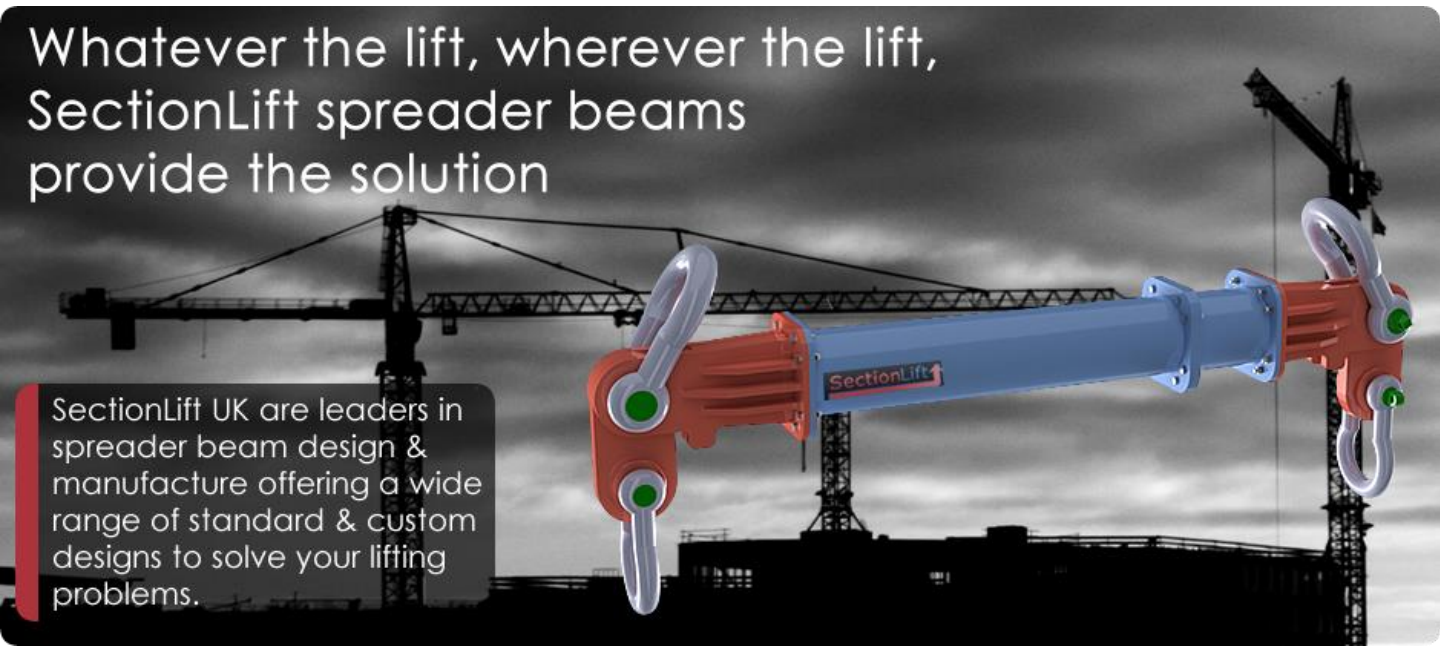


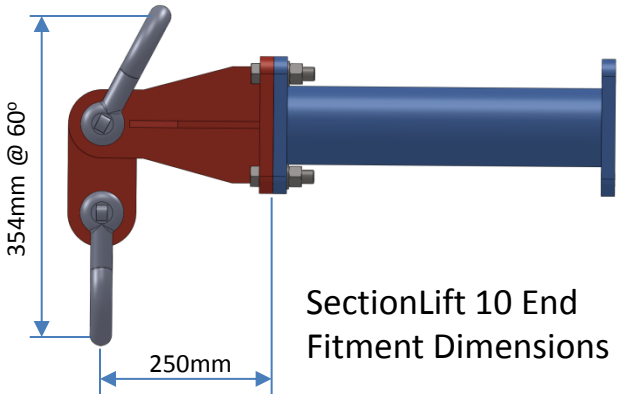
"Quality British products made to the highest international standards"

SectionLift®

SectionLift®

Modular Spreader Beams

SectionLift 10

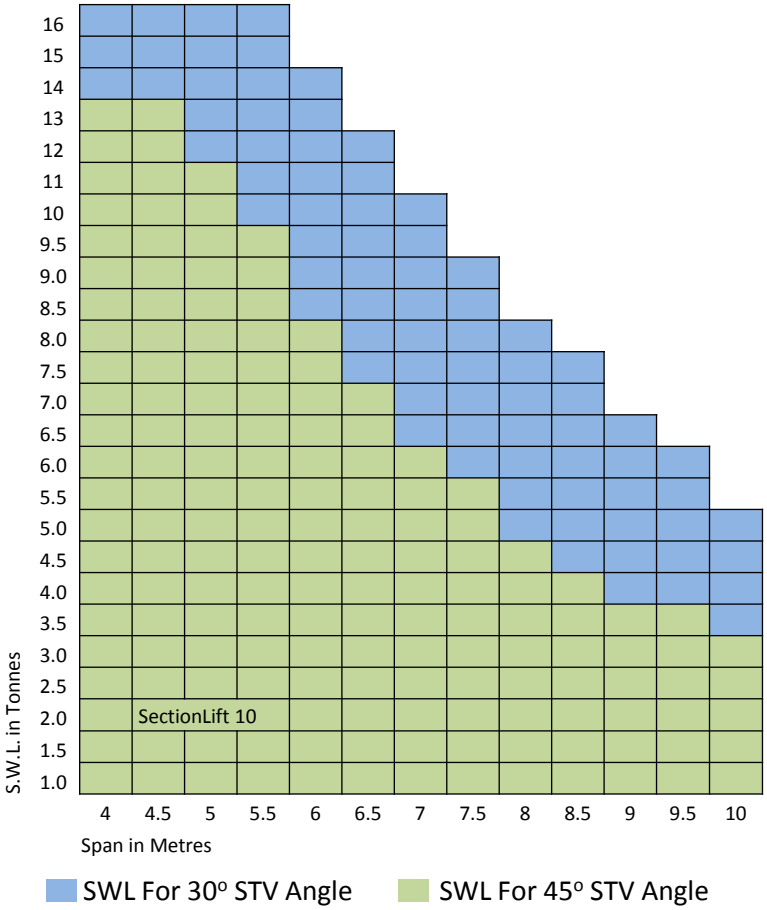


SectionLift 10 End Fitment Dimensions

Minimum Beam Length: 500mm
Maximum Beam Length: 10m
Maximum Load Capacity: 16 tonnes up to 5.5m Long
10 tonnes capacity at 7m span

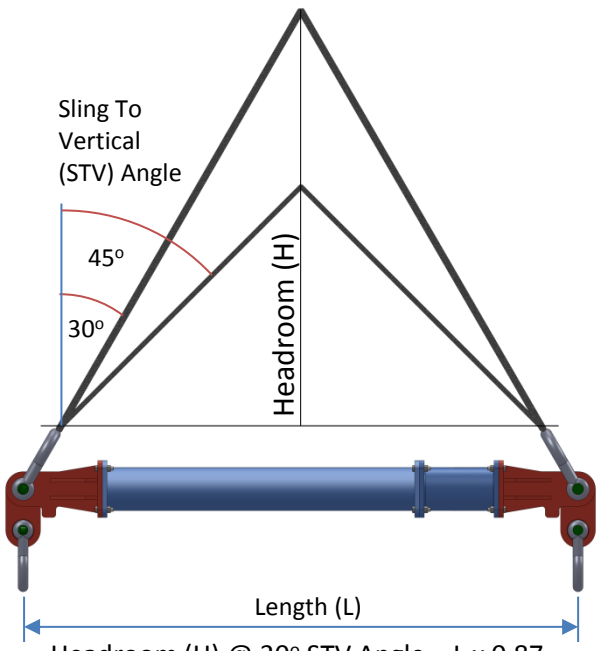
Component	Weight (Kg)
End Fitment c/w Load Link	14.0
0.5m Strut	17.0
1m Strut	25.0
1.5m Strut	34.0
2m Strut	42.0
2.5m Strut	50.0
3m Strut	59.0
3.5m Strut	67.0
4m Strut	75.0
7m Strut	125.0
Top Shackle - 9.5t Alloy Bow	3.2
Bottom Shackle - 8.5t Alloy Bow	2.2

SectionLift 10 Load / Span Table



SWL For 30° STV Angle SWL For 45° STV Angle

Calculation for SWL of Each Single Leg Top Sling. (2 required.)
For 30° STV Angle = Load x 0.58
For 45° STV Angle = Load x 0.70
For Maximum SWL (16t) @ 30° STV Angle = 9.3t
For Maximum SWL (14t) @ 45° STV Angle = 9.1t



Headroom (H) @ 30° STV Angle = L x 0.87
Headroom (H) @ 45° STV Angle = L x 0.50

SectionLift®

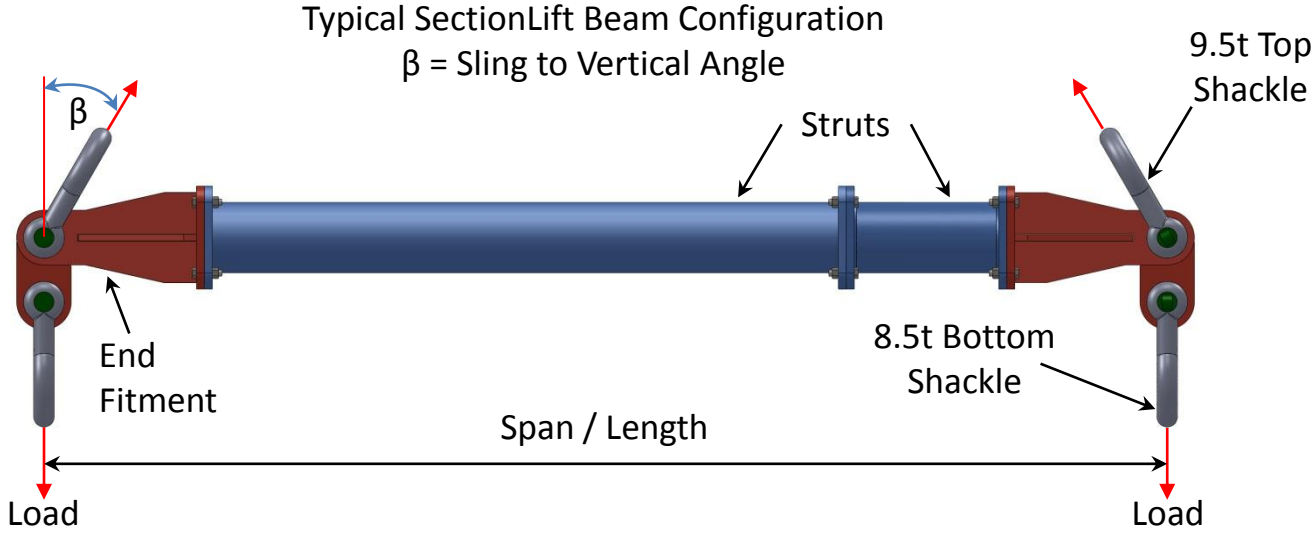
Modular Spreader Beams

SectionLift 10 Safe Use instructions

Congratulations on purchasing a SectionLift high quality sectional lifting beam. Please read these user instructions prior to using your SectionLift beam. Sectional or modular beams can be configured in a variety of ways with differing loads depending on the span. Ensure the beam is correctly configured for the lift to be undertaken and is inspected by a suitably trained and competent person prior to use.

Typical SectionLift Beam Configuration

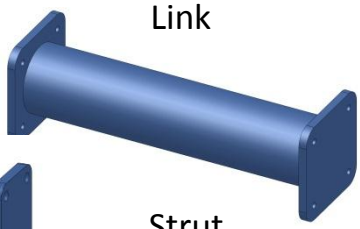
β = Sling to Vertical Angle



Component Identification

End Fitment Assembly c/w Shackles

Load Link



Strut

Corner Unit

Part Number	Component	Weight (Kg)
10-EF1	End Fitment	10.9
10-LL2	Load Link	3.0
10-ST0.5	0.5m Strut	17.2
10-ST1	1m Strut	25.6
10-ST1.5	1.5m Strut	34.0
10-ST2	2m Strut	42.4
10-ST2.5	2.5m Strut	50.2
10-ST3	3m Strut	59.0
10-ST3.5	3.5m Strut	68.0
10-ST4	4m Strut	76.0
10-ST7	7m Strut	126.0
10-CU1	0.5m Corner Unit	20.8
10-9.5	Top Shackle – 9.5t Alloy Bow	3.2
10-S8.5	Bottom Shackle – 8.5t Alloy Bow	2.2
10-B20	M20 x 65 GR8 Bolt, Nut, Washer Set – 4 Req.	-

SectionLift 10 - Beam Specification.

- Minimum Beam Length: 0.5m, Maximum Beam Length: 10m
- Maximum Load Capacity: 16 tonnes up to 5.5m Long
- Maximum Sling to Vertical' angle, β, 45 degrees.
- Bolt tightening torque: 280Nm.

SectionLift®

Modular Spreader Beams

SectionLift 10 Safe Use instructions

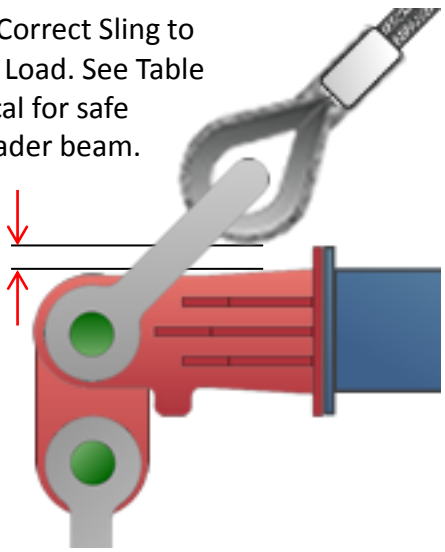
SectionLift Assembly Instructions

1. Ensure all components are free from defect, damage or deformation and are of the correct size for the lift being undertaken.
2. Lay the components out on a flat surface in the configuration for assembly. Keep longer struts towards the centre of the beam if more than 2 struts are required.
3. Bolt all components together ensuring the joint flange faces are free from foreign objects, dirt or debris and, using the specified bolts, nuts and washers, tighten to the correct torque.
4. Position the load link within the end fitment as shown above. Note the larger hole should line up with the holes in the end fitment.
5. Top Shackle - Position one top sling over the shackle body and pass the shackle pin through the shackle, the load link and end fitment. Ensure the correct top shackle as detailed in the parts list is used. If screw pin shackles are used ensure tight and if safety bolt shackles are used ensure the split pin is fitted.
6. Bottom Shackle - Fit the load slings to the correct bottom shackle as detailed in the parts list.
7. Attach the top slings to the crane hook and bottom slings to the load.
8. **IMPORTANT** - A competent person should check the assembled beam and associated equipment prior to any lifting operation.

Sling Fitting Instructions

Important - Ensure Correct Sling to Vertical Angle For the Load. See Table Opposite. This is critical for safe operation of the spreader beam.

Important
Ensure Clearance Between End Fitment & Sling



Span (m)	30° Sling to Vertical Angle	45° Sling to Vertical Angle
0.5	16.40	13.40
1	16.40	13.40
1.5	16.40	13.40
2.0	16.40	13.40
2.5	16.40	13.40
3.0	16.40	13.40
3.5	16.40	13.40
4.0	16.40	13.40
4.5	16.40	13.20
5.0	16.40	11.10
5.5	16.40	9.60
6.0	14.40	8.30
6.5	12.50	7.20
7.0	11.00	6.30
7.5	9.60	5.50
8.0	8.60	4.90
8.5	7.60	4.40
9.0	6.70	3.90
9.5	6.10	3.50
10.0	5.50	3.10

Important

- Ensure the beam is only loaded through the drop links.
- Do not hang loads from any other part of the beam.
- Ensure no part of the load comes into contact with the spreader beam.
- Ensure lower slings are less than 6 degrees from vertical.
- Ensure the safe working load is not exceeded.
- A competent person must check the spreader beam is correctly assembled prior to lifting operations.
- Ensure slings are not twisted.

IF IN DOUBT – ASK