

MODULAR SPREADER HIRE BEAM SYSTEMS

Durham Lifting carry an extensive range of the highest quality lifting and handling equipment and can supply almost any item of rigging equipment for either hire or sale, on long or short term at very competitive rates.

Utilising our existing hire fleet within your rigging design assures that all of the equipment is readily available from stock, resulting in substantial cost savings to you as there is no requirement for purchase.

So, whether you are lifting 1Tonne or 4000Tonne our team work with you to provide the most cost effective, practical and most importantly safe solution to all of your lifting requirements.

All of our Lifting Equipment is tested, inspected and certified to the highest standards - fully complying with Lifting Operations and Lifting Equipment Regulations (LOLER)

What Size Beam Do I Need?

- 1 Select the span you require . . .
- 2 Select the WLL you need for that span . . .
- 3 Determining STV (sling to vertical) considering any height restrictions.



DL50		DL200		DL400	
Up to 50t at 10.0m		Up to 200t at 10.0m	Up to 15.75m at a lower capacity	Up to 400t at 15.75m	Up to 21.0m at a lower capacity
DL653		DL860		<i>Other sizes available upon request!</i>	
Up to 653t at 24.0m		Up to 860t at 27.0m			

30° STV (Sling to Vertical)

Modular Spreader Hire Beam Component Guide

System	Strut (kg)										End Unit (kg)	Drop Link (kg)
	0.10m	0.15m	0.20m	0.25m	0.30m	0.50m	0.75m	1.0m	1.25m	2.0m	0.5m	
DL50	34.3	36.7	38.9	41.3	43.9	52.0	64.6	76.2	87.9	122.9	51.5	11.0*

* weight per unit x4

System	Strut (kg)											End Unit (kg)			
	0.25m	0.5m	0.75m	1m	1.5m	2m	3m	4m	5m	8m	12m	0.5m	1.0m	3.0m	4.0m
DL200	-	207.0	-	251.0	313.0	358.0	465.0	-	-	-	-	-	271.0*	-	-
DL400	120.0	-	221.0	265.0	-	459.0	-	848.0	1043.0	-	-	362.0*	-	-	-
DL653	-	-	-	-	-	-	-	1560.0	-	-	4220.0	-	-	-	3539.0*
DL860	-	-	-	-	-	-	-	-	3400.0	8000.0	-	-	-	5500.0*	-

* weight per unit x2

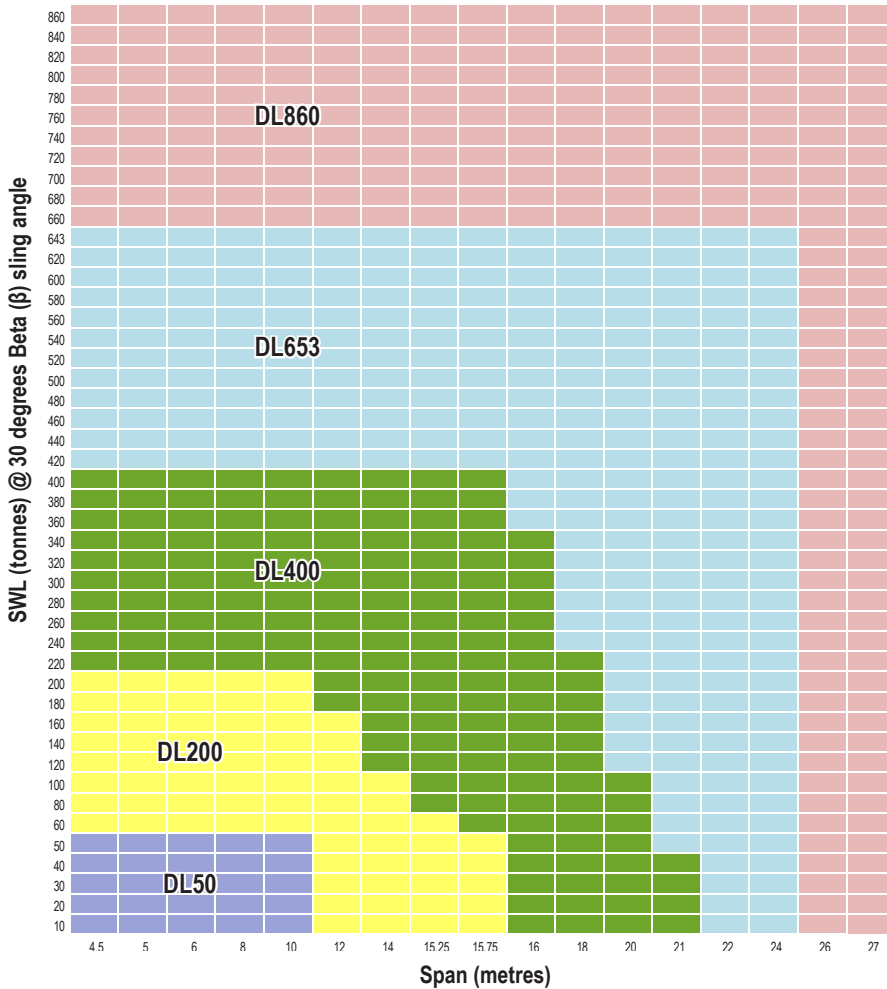
Spreader Hire Beam Component Guide

System	Description	SWL (tonne)
DL8220	TP Spreader Beam to provide Lifting Centres @ 4.2mtr (Drawing DL10173-01)	300
DL9945	Modular Spreader Beam comprising 2No 3000mtr End Sections to provide Lifting Centres @ 6mtr	310
DL9526	Spreader Beam to provide Lifting Centres @ 2.9mtr (Drawing DL13108 12)	405
DL9528	Spreader Beam to provide Lifting Centres @ 2.9mtr (Drawing DL13108 01)	808



Load v Span Chart - Modular Spreader Hire Beam

Load v Span @ 30 degrees Beta (β) sling angle (STV)



What Size Shackle?

DL50

Standard Bow Shackle
Top 35t / Bottom 35t

DL200

Heavy Duty Bow Shackle
Top 150t
Sling Saver Wide Body Bow
Bottom 125t

DL400

Sling Saver Wide Body Bow
Top 300t
Standard Bow Shackle Bottom 200t

DL653

Sling Saver Wide Body Bow
Bottom 250t

DL860

Sling Saver Wide Body Bow
Bottom 300t



Durham
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ESTABLISHED 1996

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