

Spreader Beams - Modular

Product information



Modulift Spreader Systems are a cost-effective and flexible option for lifting objects where there is a possibility of crushing the load.

The modular concept is based on the assembly of a pair of end units, which provide the connection between the top and the bottom slings, and a combination of struts of different length bolted between the end units to achieve variable length capability. In use, the bolts do not carry any of the lifting forces but simply connect the assembly together while the geometry of the system does the work.

The Modulift Spreader System enables slings to connect to large and bulky objects in a vertical attitude. Built using a unique engineering formula, the spreaders are designed using their lightweight structure to resist the compression forces of the lifting arrangement. The design utilises one of the most basic structural engineering elements, that of a pin-ended strut.

The shackles, which connect the top slings to the spreader, provide the pin and give flexibility to the geometry of the slings which prevents bending forces being generated by the lifting process and transmitted into the object being lifted. Modulift Spreaders are optimised for weight at every size. The unique capabilities of the Modular system add to its benefits through easier and more manoeuvrable ground handling, easy build and storage capabilities and with a range of components to make up the spreader, gives it a multi-use feature and a cost-effective solution over a range of lifts.

The Modulift range comprises 16 systems, which provide lifting capacity for weights between 2 – 3000 tonnes and lengths from 0.2m to 45m. The system is used for the smallest maintenance work to the largest lifting jobs in many industry sectors including construction, maritime, offshore, oil & gas, industrial and aerospace industries. All utilise the modular system to enable the lifting of various loads without the need to buy or rent ne ... [Read more](#)

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Technical data

| Code | Type |
|----------|-------------|
| MOD 6 | Mini |
| MOD 12 | Portable |
| MOD 24 | Portable |
| MOD 34 | Portable |
| MOD 50 | Heavy range |
| MOD 70 | Heavy range |
| MOD 70H | Heavy range |
| MOD 110 | Heavy range |
| MOD 110H | Heavy range |

Technical information

Mini

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| Part | Mini | |
|--------------------|-------------------|--------------------|
| | MOD 6 | |
| | Length [m] | Weight [kg] |
| item | 0,1 | 2,0 |
| item | 0,2 | 2,7 |
| item | 0,3 | 3,4 |
| item | 0,6 | 5,4 |
| item | 1,0 | 8,1 |
| end unit (x2) | 0,2 | 3,0 |
| drop link (x2) | 0,0 | 0,6 |
| upper shackle (x2) | 0,0 | 1,1 |
| lower shackle (x2) | 0,0 | 0,7 |
| length min-max [m] | 0,4 - 2,5 | |
| upper shackle | 4,75 t | |
| lower shackle | 3,25 t | |
| torque [Nm] | 60 | |
| wrench width [mm] | 17 | |

Portable

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| Part | Portable range | | | | | |
|--------------------|----------------|-------------|------------|-------------|------------|-------------|
| | MOD 12 | | MOD 24 | | MOD 34 | |
| | Length [m] | Weight [kg] | Length [m] | Weight [kg] | Length [m] | Weight [kg] |
| item | 0,3 | 6,0 | 0,5 | 16 | 0,5 | 20 |
| item | 0,5 | 8,0 | 1,0 | 24 | 1,0 | 31 |
| item | 0,8 | 11,0 | 2,0 | 41 | 2,0 | 51 |
| item | 1,0 | 14,0 | - | - | - | - |
| item | 1,5 | 19,0 | - | - | - | - |
| end unit (x2) | 0,3 | 6,0 | 0,5 | 16 | 0,5 | 23 |
| drop link (x2) | 0,0 | 1,5 | 0,0 | 4 | 0,0 | 4 |
| upper shackle (x2) | 0,0 | 2,5 | 0,0 | 8 | 0,0 | 14 |
| lower shackle (x2) | 0,0 | 1,5 | 0,0 | 5 | 0,0 | 8 |
| length min-max [m] | 0,5 - 4 | | 1 - 6 | | 1 - 8 | |
| upper shackle | 8,5 t | | 17 t | | 25 t | |
| lower shackle | 6,5 t | | 12 t | | 17 t | |
| torque [Nm] | 90 | | 150 | | 150 | |
| wrench width [mm] | 19 | | 30 | | 30 | |

Heavy Range

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| Part | Heavy range | | | | | | | | | |
|--------------------|-------------|-------------|------------|-------------|------------|-------------|------------|-------------|------------|-------------|
| | MOD 50 | | MOD 70 | | MOD 70H | | MOD 110 | | MOD 110H | |
| | Length [m] | Weight [kg] | Length [m] | Weight [kg] | Length [m] | Weight [kg] | Length [m] | Weight [kg] | Length [m] | Weight [kg] |
| item | 0,5 | 38 | 0,5 | 61 | 0,5 | 61 | 1,0 | 134 | 1,0 | 134 |
| item | 1,0 | 53 | 1,0 | 85 | 1,0 | 85 | 2,0 | 212 | 2,0 | 212 |
| item | 2,0 | 82 | 2,0 | 136 | 2,0 | 136 | 4,0 | 367 | 4,0 | 367 |
| item | 4,0 | 140 | 4,0 | 240 | 4,0 | 240 | - | - | - | - |
| item | - | - | - | - | - | - | - | - | - | - |
| end unit (x2) | 0,5 | 38 | 0,5 | 56 | 0,5 | 56 | 1,0 | 178 | 1,0 | 178 |
| drop link (x2) | 0,0 | 11 | 0,0 | 17 | 0,0 | 32 | 0,0 | 45 | 0,0 | 55 |
| upper shackle (x2) | 0,0 | 19 | 0,0 | 38 | 0,0 | 62 | 0,0 | 62 | 0,0 | 110 |
| lower shackle (x2) | 0,0 | 14 | 0,0 | 19 | 0,0 | 38 | 0,0 | 38 | 0,0 | 62 |
| length min-max [m] | 1 - 11 | | 1 - 12 | | 1 - 12 | | 2 - 16 | | 2 - 16 | |
| upper shackle | 35 t | | 55 t | | 85 t | | 85 t | | 120 t | |
| lower shackle | 25 t | | 35 t | | 55 t | | 55 t | | 85 t | |
| torque [Nm] | 150 | | 150 | | 150 | | 150 | | 150 | |
| wrench width [mm] | 30 | | 30 | | 30 | | 30 | | 30 | |

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