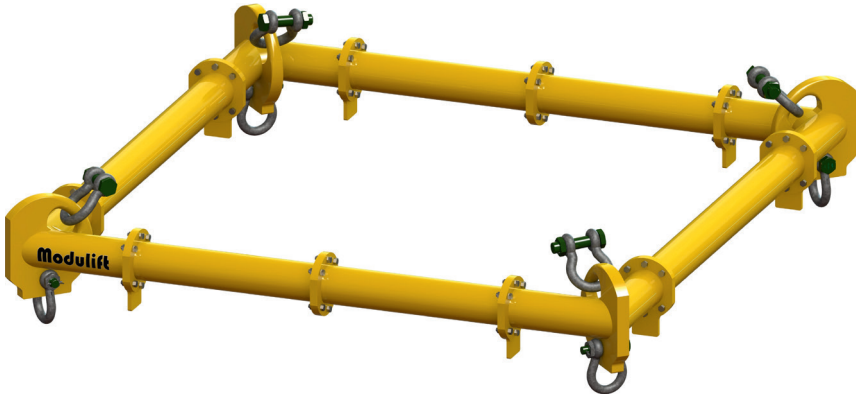


CMOD Spreader Frames

Modulift's CMOD Spreader Frame works with existing struts from the Spreader Beam Range!



Spreader Frames are recommended for loads that have more than two lifting points; they can also be the ideal lifting equipment for when headroom is limited.

Modulift's most economical option is the CMOD Modular Spreader Frame which is designed to expand the capabilities of our Modular Spreader Beam System. The Struts from the Spreader Beam are combined with 4 Corner Units to complete the Frame. Customers that already have Modulift Struts can re-use these with the Corner Units to achieve 4-Point lifts, making this a versatile solution.



System Specifications

The CMOD comes in the following sizes: CMOD 6, CMOD 12, CMOD 24, CMOD 34, CMOD 50, CMOD 70, CMOD 110 and CMOD 250. It spans from 0.5m/1'6" x 0.5m/1'6" to 20m/66' x 20m/66', whilst adapting to all rectangular shapes in between. The systems will lift up to 300t*

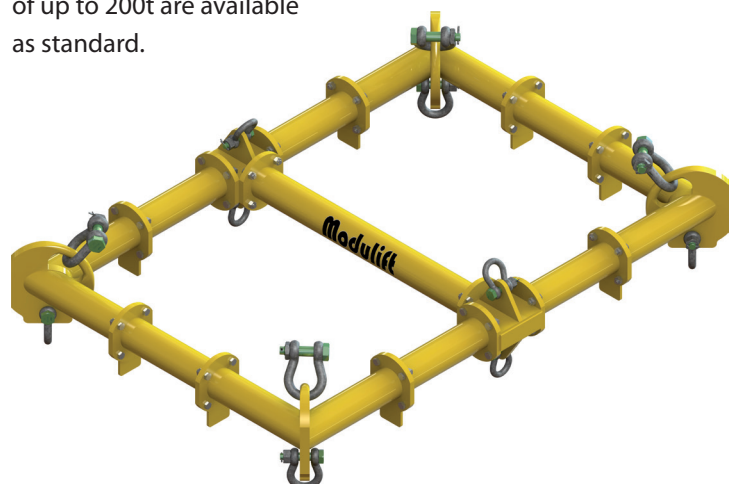
* The system's SWL will de-rate as the shape of the frame becomes 'more rectangular'. Higher capacities and longer spans in development.

System Benefits

- More cost effective and easier to transport than a fixed system
- Easy to set up, handle and manoeuvre
- Re-configure the frame to any size to allow for multiple uses

CMOD T-pieces

Elaborating on this popular concept Modulift has now developed a T-Piece to work in conjunction with the CMOD. This allows the frame to become a 6-point lift, (8-point, 10-point and so forth on request) adding yet another dimension to your Modulift equipment. Spans of up to 20m x 16m and capacities of up to 200t are available as standard.



CMOD Load Charts

Load vs Span Charts – CMOD 6 to CMOD 24

CMOD 6: SWL / tonnes @ 60° ISA / 30° STV / 60° BSA

| | | | | | |
|-----------------|------------|----------|------------|----------|------------|
| 2.5 | | | | | 8 |
| 2 | | | | 8 | 8 |
| 1.5 | | | 8 | 8 | 8 |
| 1 | | 8 | 8 | 8 | 6 |
| 0.5 | 8 | 8 | 8 | 6 | 6 |
| Span (m) | 0.5 | 1 | 1.5 | 2 | 2.5 |

CMOD 6: SWL / tonnes @ 90° ISA / 45° STV / 45° BSA

| | | | | | |
|-----------------|------------|----------|------------|----------|------------|
| 2.5 | | | | | 6 |
| 2 | | | | 6 | 6 |
| 1.5 | | | 6 | 6 | 6 |
| 1 | | 6 | 6 | 6 | 4 |
| 0.5 | 6 | 6 | 6 | 4 | 4 |
| Span (m) | 0.5 | 1 | 1.5 | 2 | 2.5 |

CMOD 12: SWL / tonnes @ 60° ISA / 30° STV / 60° BSA

| | | | | | | | | |
|-----------------|------------|----------|------------|----------|------------|----------|------------|----------|
| 4 | | | | | | | | 16 |
| 3.5 | | | | | | | 16 | 16 |
| 3 | | | | | | 16 | 16 | 15 |
| 2.5 | | | | | 16 | 16 | 15 | 14 |
| 2 | | | | 16 | 16 | 16 | 14 | 13 |
| 1.5 | | | 16 | 16 | 16 | 16 | 14 | 12 |
| 1 | | 16 | 16 | 16 | 16 | 16 | 14 | 12 |
| 0.5 | 16 | 16 | 16 | 16 | 16 | 16 | 14 | 12 |
| Span (m) | 0.5 | 1 | 1.5 | 2 | 2.5 | 3 | 3.5 | 4 |

CMOD 12: SWL / tonnes @ 90° ISA / 45° STV / 45° BSA

| | | | | | | | | |
|-----------------|------------|----------|------------|----------|------------|----------|------------|----------|
| 4 | | | | | | | | 9 |
| 3.5 | | | | | | | 9 | 9 |
| 3 | | | | | | 9 | 9 | 8 |
| 2.5 | | | | | 9 | 9 | 8 | 8 |
| 2 | | | | 9 | 9 | 9 | 8 | 7 |
| 1.5 | | | 9 | 9 | 9 | 9 | 8 | 6 |
| 1 | | 9 | 9 | 9 | 9 | 9 | 8 | 6 |
| 0.5 | 9 | 9 | 9 | 9 | 9 | 9 | 8 | 6 |
| Span (m) | 0.5 | 1 | 1.5 | 2 | 2.5 | 3 | 3.5 | 4 |

CMOD 24: SWL / tonnes @ 60° ISA / 30° STV / 60° BSA

| | | | | | | |
|-----------------|----------|----------|----------|----------|----------|----------|
| 6 | | | | | | 23 |
| 5 | | | | | 30 | 21 |
| 4 | | | | 30 | 24 | 19 |
| 3 | | | 30 | 30 | 24 | 18 |
| 2 | | 30 | 30 | 30 | 24 | 17 |
| 1 | 30 | 30 | 30 | 24 | 22 | 16 |
| Span (m) | 1 | 2 | 3 | 4 | 5 | 6 |

CMOD 24: SWL / tonnes @ 90° ISA / 45° STV / 45° BSA

| | | | | | | |
|-----------------|----------|----------|----------|----------|----------|----------|
| 6 | | | | | | 13 |
| 5 | | | | | 17 | 12 |
| 4 | | | | 19 | 13 | 10 |
| 3 | | | 19 | 19 | 13 | 10 |
| 2 | | 19 | 19 | 17 | 13 | 9 |
| 1 | 19 | 19 | 19 | 13 | 12 | 9 |
| Span (m) | 1 | 2 | 3 | 4 | 5 | 6 |

Load vs Span Charts – CMOD 34 to CMOD 70*

*CMOD 110 and CMOD 250 graphs available on request

CMOD 34: SWL / tonnes @ 60° ISA / 30° STV / 60° BSA

| | | | | | | | | |
|----------|----|----|----|----|----|----|----|----|
| 8 | | | | | | | | 24 |
| 7 | | | | | | | 32 | 23 |
| 6 | | | | | | 40 | 31 | 22 |
| 5 | | | | | 40 | 40 | 28 | 20 |
| 4 | | | | 40 | 40 | 34 | 26 | 19 |
| 3 | | | 40 | 40 | 40 | 34 | 24 | 18 |
| 2 | | 40 | 40 | 40 | 40 | 32 | 23 | 17 |
| 1 | 40 | 40 | 40 | 40 | 34 | 30 | 22 | 16 |
| Span (m) | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |

CMOD 34: SWL / tonnes @ 90° ISA / 45° STV / 45° BSA

| | | | | | | | | |
|----------|----|----|----|----|----|----|----|----|
| 8 | | | | | | | | 13 |
| 7 | | | | | | | 18 | 13 |
| 6 | | | | | | 22 | 17 | 12 |
| 5 | | | | | 27 | 22 | 16 | 11 |
| 4 | | | | 27 | 27 | 19 | 15 | 10 |
| 3 | | | 27 | 27 | 25 | 19 | 13 | 10 |
| 2 | | 27 | 27 | 27 | 22 | 18 | 13 | 9 |
| 1 | 27 | 27 | 27 | 27 | 19 | 17 | 12 | 9 |
| Span (m) | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |

CMOD 50: SWL / tonnes @ 60° ISA / 30° STV / 60° BSA

| | | | | | | | | | | | |
|----------|----|----|----|----|----|----|----|----|----|----|----|
| 11 | | | | | | | | | | | 32 |
| 10 | | | | | | | | | | 41 | 31 |
| 9 | | | | | | | | | 50 | 39 | 29 |
| 8 | | | | | | | | 50 | 48 | 37 | 28 |
| 7 | | | | | | | 60 | 50 | 45 | 35 | 27 |
| 6 | | | | | | 60 | 60 | 50 | 43 | 33 | 26 |
| 5 | | | | | 60 | 60 | 60 | 50 | 40 | 32 | 25 |
| 4 | | | | 60 | 60 | 60 | 50 | 49 | 38 | 31 | 24 |
| 3 | | | 60 | 60 | 60 | 60 | 50 | 47 | 37 | 30 | 23 |
| 2 | | 60 | 60 | 60 | 60 | 60 | 50 | 45 | 36 | 29 | 23 |
| 1 | 60 | 60 | 60 | 60 | 60 | 60 | 50 | 44 | 35 | 28 | 22 |
| Span (m) | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |

CMOD 50: SWL / tonnes @ 90° ISA / 45° STV / 45° BSA

| | | | | | | | | | | | |
|----------|----|----|----|----|----|----|----|----|----|----|----|
| 11 | | | | | | | | | | | 18 |
| 10 | | | | | | | | | | 23 | 17 |
| 9 | | | | | | | | | 28 | 21 | 16 |
| 8 | | | | | | | | 28 | 27 | 20 | 15 |
| 7 | | | | | | | 34 | 28 | 25 | 19 | 14 |
| 6 | | | | | | 40 | 34 | 28 | 24 | 18 | 14 |
| 5 | | | | | 40 | 40 | 34 | 28 | 23 | 17 | 13 |
| 4 | | | | 50 | 40 | 40 | 28 | 28 | 21 | 17 | 13 |
| 3 | | | 50 | 50 | 40 | 40 | 28 | 26 | 21 | 16 | 12 |
| 2 | | 50 | 50 | 50 | 40 | 34 | 28 | 25 | 20 | 16 | 12 |
| 1 | 50 | 50 | 50 | 50 | 40 | 34 | 28 | 25 | 20 | 15 | 12 |
| Span (m) | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |

CMOD 70: SWL / tonnes @ 60° ISA / 30° STV / 60° BSA

| | | | | | | | | | | | | |
|----------|----|----|----|----|----|----|----|----|----|----|----|----|
| 12 | | | | | | | | | | | | 63 |
| 11 | | | | | | | | | | | 70 | 60 |
| 10 | | | | | | | | | | 80 | 70 | 58 |
| 9 | | | | | | | | | 80 | 80 | 70 | 55 |
| 8 | | | | | | | | 80 | 80 | 80 | 67 | 53 |
| 7 | | | | | | | 80 | 80 | 80 | 70 | 65 | 51 |
| 6 | | | | | | 80 | 80 | 80 | 70 | 60 | 62 | 49 |
| 5 | | | | | 80 | 80 | 80 | 80 | 70 | 60 | 60 | 47 |
| 4 | | | | 80 | 80 | 80 | 80 | 80 | 70 | 60 | 58 | 46 |
| 3 | | | 80 | 80 | 80 | 80 | 80 | 80 | 70 | 60 | 56 | 45 |
| 2 | | 80 | 80 | 80 | 80 | 80 | 80 | 70 | 70 | 60 | 55 | 44 |
| 1 | 80 | 80 | 80 | 80 | 80 | 80 | 80 | 70 | 70 | 60 | 54 | 44 |
| Span (m) | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |

CMOD 70: SWL / tonnes @ 90° ISA / 45° STV / 45° BSA

| | | | | | | | | | | | | |
|----------|----|----|----|----|----|----|----|----|----|----|----|----|
| 12 | | | | | | | | | | | | 36 |
| 11 | | | | | | | | | | | 40 | 34 |
| 10 | | | | | | | | | | 40 | 40 | 33 |
| 9 | | | | | | | | | 46 | 40 | 40 | 31 |
| 8 | | | | | | | | 57 | 46 | 40 | 38 | 30 |
| 7 | | | | | | | 60 | 57 | 46 | 40 | 37 | 29 |
| 6 | | | | | | 60 | 60 | 57 | 40 | 34 | 35 | 28 |
| 5 | | | | | 60 | 60 | 60 | 50 | 40 | 34 | 34 | 27 |
| 4 | | | | 60 | 60 | 60 | 60 | 50 | 40 | 34 | 33 | 26 |
| 3 | | | 60 | 60 | 60 | 60 | 60 | 50 | 40 | 34 | 32 | 26 |
| 2 | | 60 | 60 | 60 | 60 | 60 | 60 | 50 | 40 | 34 | 31 | 25 |
| 1 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 50 | 40 | 34 | 31 | 24 |
| Span (m) | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |