



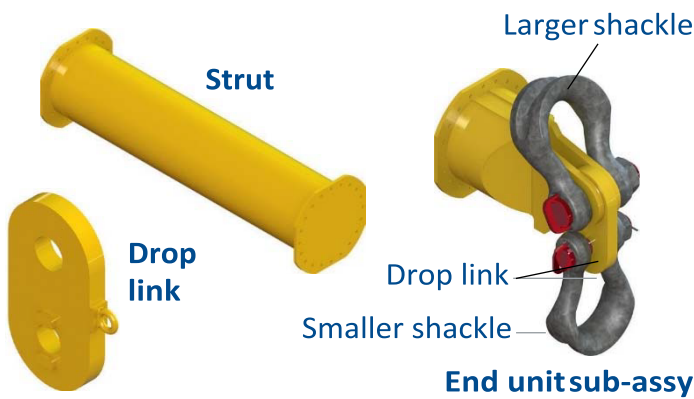
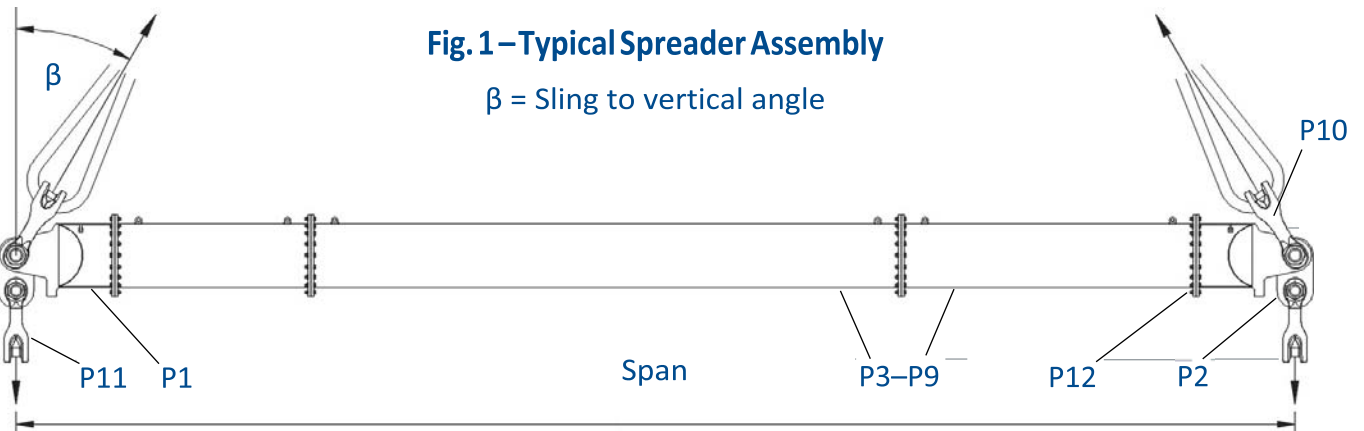
# MOD 1100/2000

# USER MANUAL

# User Instructions MOD 1100/2000



The Modulift Spreader is modular in length, and every spreader consists of 1 pair of End Units and Drop Links, with intermediate struts that can be bolted into the assembly to achieve different spans. MOD 1100/2000 has an assembled span ranging from 3 metres to 36 metres in 0.5m increments.



**Table 1 – Component List**

| Part Ref. | Description                                   | Weight/item |
|-----------|---|-------------|
| P1        | End Unit WLL 1000t                            | 2300kg      |
| P2        | Drop Link WLL 1000t                           | 1000kg      |
| P3        | 6.0m Strut                                    | 4000kg      |
| P4        | 5.0m Strut                                    | 3440kg      |
| P5        | 4.0m Strut                                    | 2875kg      |
| P6        | 3.0m Strut                                    | 2315kg      |
| P7        | 2.0m Strut                                    | 1750kg      |
| P8        | 1.0m Strut                                    | 1190kg      |
| P9        | 0.5m Strut                                    | 905kg       |
| P10       | 1250t Wide Body Shackle                       | 3700kg      |
| P11       | 1000t Wide Body                               | 2970kg      |
| P12       | M30 x 110 Grade 10.9 HT Bolts, Nuts & Washers |             |

## MOD 1100/2000 Beam Specification

- Rated at 2000 tonnes WLL at 19 metres span (30° STV). See Load Table for WLL at longer spans.
- ‘Sling to Vertical’ angle,  $\beta$ , 30 degrees or less.
- End Units & Drop Links are rated at 1000 tonnes WLL each (2000 tonnes combined capacity).
- **Bolt tightening torque: TBC Nm.** Spanner size required: 46mm.
- Recommended additional equipment: Torque Wrench, Podger Spanner and Ring Spanner.

## WARNING!

- Personnel using this system should be suitably trained, competent and have a clear understanding of Safe Slings procedures.
- The use of Modulift equipment must be in accordance with the procedures laid down in ‘Lifting Operations and Lifting Equipment Regulations 1998’ (LOLER).
- **Never exceed stated WLL** – Adhere to WLL in **Table 2** for particular sling angle used.
- **The top sling length is critical to the safe use of the spreader** – Adhere to **Table 2**.
- Ensure Drop Links hang down, and smaller shackles are connected to bottom hole of Drop Link.
- Do not under any circumstances hang load(s) from the tube or flanges – the spreader is designed for axial compression, not bending.

