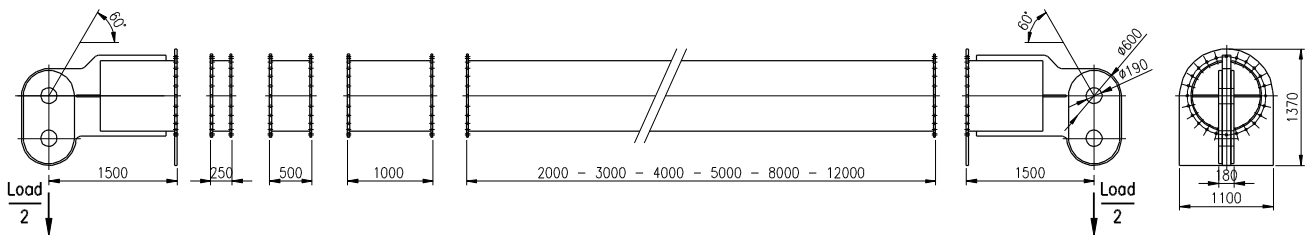




Spreader S830-1

MAX 808t



| Length [m] | Weight [kg] | WLL ³ [t] |
|------------|-------------|----------------------|
| 3.00 | 3950 | 808 |
| 3.25 | 4125 | 808 |
| 3.50 | 4200 | 808 |
| 3.75 | 4375 | 808 |
| 4.00 | 4350 | 808 |
| 4.25 | 4525 | 808 |
| 4.50 | 4600 | 808 |
| 4.75 | 4775 | 808 |
| 5.00 | 4650 | 808 |
| 5.25 | 4825 | 808 |
| 5.50 | 4900 | 808 |
| 5.75 | 5075 | 808 |
| 6.00 | 4950 | 808 |
| 6.25 | 5125 | 808 |
| 6.50 | 5200 | 808 |
| 6.75 | 5375 | 808 |
| 7.00 | 5250 | 808 |
| 7.25 | 5425 | 808 |
| 7.50 | 5500 | 808 |
| 7.75 | 5675 | 808 |
| 8.00 | 5550 | 808 |
| 8.25 | 5725 | 808 |
| 8.50 | 5800 | 808 |
| 8.75 | 5975 | 807 |
| 9.00 | 5950 | 807 |
| 9.25 | 6125 | 804 |
| 9.50 | 6200 | 803 |
| 9.75 | 6375 | 800 |
| 10.00 | 6250 | 801 |
| 10.25 | 6425 | 798 |

| Length [m] | Weight [kg] | WLL ³ [t] |
|------------|-------------|----------------------|
| 10.50 | 6500 | 797 |
| 10.75 | 6675 | 793 |
| 11.00 | 6450 | 797 |
| 11.25 | 6625 | 794 |
| 11.50 | 6700 | 792 |
| 11.75 | 6875 | 788 |
| 12.00 | 6850 | 788 |
| 12.25 | 7025 | 784 |
| 12.50 | 7100 | 782 |
| 12.75 | 7275 | 777 |
| 13.00 | 7150 | 780 |
| 13.25 | 7325 | 776 |
| 13.50 | 7400 | 773 |
| 13.75 | 7575 | 768 |
| 14.00 | 7450 | 771 |
| 14.25 | 7625 | 766 |
| 14.50 | 7700 | 764 |
| 14.75 | 7875 | 758 |
| 15.00 | 7650 | 765 |
| 15.25 | 7825 | 759 |
| 15.50 | 7900 | 757 |
| 15.75 | 8075 | 750 |
| 16.00 | 8050 | 751 |
| 16.25 | 8225 | 744 |
| 16.50 | 8300 | 741 |
| 16.75 | 8475 | 735 |
| 17.00 | 8350 | 739 |
| 17.25 | 8525 | 732 |
| 17.50 | 8600 | 729 |
| 17.75 | 8775 | 721 |

| Length [m] | Weight [kg] | WLL ³ [t] |
|------------|-------------|----------------------|
| 18.00 | 8650 | 726 |
| 18.25 | 8825 | 719 |
| 18.50 | 8900 | 715 |
| 18.75 | 9075 | 707 |
| 19.00 | 8950 | 712 |
| 19.25 | 9125 | 704 |
| 19.50 | 9200 | 701 |
| 19.75 | 9375 | 692 |
| 20.00 | 9250 | 697 |
| 20.25 | 9425 | 689 |
| 20.50 | 9500 | 685 |
| 20.75 | 9675 | 675 |
| 21.00 | 9650 | 676 |
| 21.25 | 9825 | 667 |
| 21.50 | 9900 | 662 |
| 21.75 | 10075 | 652 |
| 22.00 | 9950 | 658 |

| Length [m] | Weight [kg] |
|------------|-------------|
| Head | 1975 |
| 0.25 | 175 |
| 0.50 | 250 |
| 1.00 | 400 |
| 2.00 | 700 |
| 3.00 | 1000 |
| 4.00 | 1300 |
| 5.00 | 1600 |
| 8.00 | 2500 |
| 12.00 | 3700 |

| With angle of 60° | |
|-------------------|-----------------------------------|
| Used shackle [t] | Max allowed capacity spreader [t] |
| Max 500 | 808 |
| 400 | 692 |
| 300 | 520 |
| Min 250 | 433 |

Remark:

- When loaded asymmetrically, the spreader head can lift max 260T vertical on one side.
- A larger load can be lifted when the angle of the sling is more than 60°. Contact Sarens NV for a detailed calculation.
- WLL calculated for sling angle of 60°.

MATERIAL : S355 JO (Fe 510-C)
TYPE : SYSTEM 830 (Ø830mm)
THICKNESS : 15 mm

CONDITIONS FOR ASSEMBLING:

- 24 bolts M24 (min10.9, min length 150mm);
- the bolts must be tightened in a star shaped pattern;
- tightening till contact, then a further 1/4 turn.

