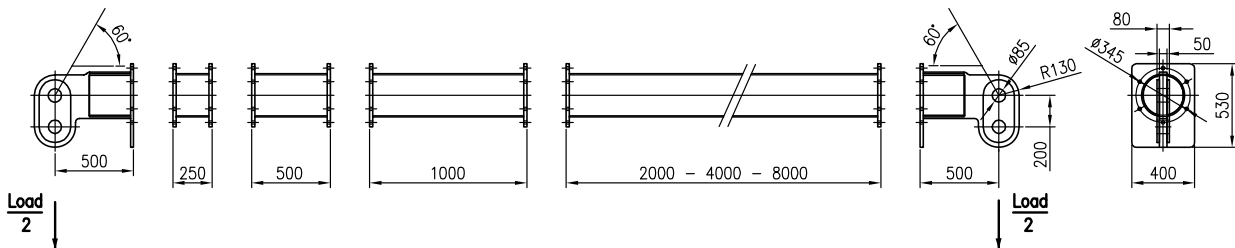




## Spreader S 273-1

**Max 180 t**



Length (m)	Weight (kg)	WLL <sup>3</sup> (t)	Capacity			Length (m)	Weight (kg)	WLL <sup>3</sup> (t)	Length (m)	Weight (kg)	WLL <sup>3</sup> (t)
			Length (m)	Weight (kg)	WLL <sup>3</sup> (t)						
1.00	284	180	8.25	820	140	15.50	1198	48			
1.25	336	180	8.50	834	136	15.75	1250	46			
1.50	350	180	8.75	886	132	16.00	1224	45			
1.75	402	180	9.00	740	131	16.25	1276	42			
2.00	376	180	9.25	792	126	16.50	1290	40			
2.25	428	180	9.50	806	122	16.75	1342	38			
2.50	442	180	9.75	858	117	17.00	1236	39			
2.75	494	180	10.00	832	114	17.25	1288	37			
3.00	428	180	10.25	884	109	17.50	1302	35			
3.25	480	180	10.50	898	106	17.75	1354	33			
3.50	494	180	10.75	950	101	18.00	1328	33			
3.75	546	180	11.00	884	99	18.25	1380	31			
4.00	520	180	11.25	936	95	18.50	1394	30			
4.25	572	180	11.50	950	91	18.75	1446	28			
4.50	586	180	11.75	1002	87	19.00	1380	28			
4.75	638	180	12.00	976	85	19.25	1432	26			
5.00	532	180	12.25	1028	81	19.50	1446	25			
5.25	584	175	12.50	1042	78	19.75	1498	23			
5.50	598	172	12.75	1094	74	20.00	1472	23			
5.75	650	167	13.00	988	74	20.25	1524	22			
6.00	624	166	13.25	1040	70	20.50	1538	21			
6.25	676	160	13.50	1054	67	20.75	1590	19			
6.50	690	156	13.75	1106	64						
6.75	742	150	14.00	1080	62						
7.00	676	150	14.25	1132	59						
7.25	728	150	14.50	1146	57						
7.50	742	150	14.75	1198	54						
7.75	794	148	15.00	1132	53						
8.00	768	145	15.25	1184	51						

Weight / piece	
Length (m)	Weight (kg)
Head	142
0.25	52
0.50	66
1.00	92
2.00	144
4.00	248
8.00	456

With angle of 60°	
Used shackle (t)	Maximum allowed capacity SPREADER (t)
WB 125	180
85	150
55	95.2
35	60.6

Material : S355 JO (Fe 510-C)  
Type : SYSTEM 273-1 (Ø273mm)  
Thickness : 8 mm

#### CONDITIONS FOR ASSEMBLING

- 6 bolts M20 (min 8.8, min length 75mm)
- the bolts must be tightened in a star shaped pattern.
- tightening till contact, then a further ¼ turn.

#### Remark :

1. When loaded asymmetrically, the spreader head can lift max 90 t vertical on one side.
2. A larger load can be lifted when the angle of the sling is more than 60°. Contact Sarens N.V. for detailed calculation.
3. WLL calculated for sling angle of 60°
4. Capacities calculated according EN13155: 'Cranes – Safety – Safety of non-attached load lifting equipment'

