

1 MAIN DATA

1.1 Load Table

1.1.1 Load Capacity Chart

Dead weight Rotator =	4,0 t
Dead weight Single Lift Spreader =	9,0 t
SWL Single Lift Spreader =	41,0 t
Dead weight Twin Lift Spreader =	10,7 t
SWL Twin Lift Spreader =	50,0 t

Radius (m)	Hook Operation		Spreader Operation under Single Lift Spreader (t)	Four Rope Grab Operation on Rope (t)
	Utilisation of Tipping			
	75% on Rope (t)	on Hook (t)		
11	144,0	140,0	41,0	75,0
12	144,0	140,0	41,0	75,0
13	144,0	140,0	41,0	75,0
14	144,0	140,0	41,0	75,0
15	144,0	140,0	41,0	75,0
16	144,0	140,0	41,0	75,0
17	144,0	140,0	41,0	75,0
18	144,0	140,0	41,0	75,0
19	144,0	140,0	41,0	75,0
20	144,0	140,0	41,0	75,0
21	137,5	133,5	41,0	75,0
22	130,5	126,5	41,0	75,0
23	123,9	119,9	41,0	75,0
24	117,9	113,9	41,0	75,0
25	112,3	108,3	41,0	75,0
26	107,2	103,2	41,0	75,0
27	102,5	98,5	41,0	72,9
28	97,7	93,7	41,0	69,5
29	93,3	89,3	41,0	66,3
30	89,2	85,2	41,0	63,4
31	85,6	81,6	41,0	60,9
32	82,3	78,3	41,0	58,5
33	79,0	75,0	41,0	56,2
34	76,0	72,0	41,0	54,1
35	73,3	69,3	41,0	52,1
36	70,7	66,7	41,0	50,3
37	68,3	64,3	41,0	48,5
38	66,0	62,0	41,0	47,0
39	63,9	59,9	41,0	45,5
40	62,0	58,0	41,0	44,1
41	60,1	56,1	41,0	42,8
42	58,4	54,4	41,0	41,5
43	56,8	52,8	41,0	40,4
44	55,2	51,2	41,0	39,3
45	53,7	49,7	40,7	38,2
46	52,2	48,2	39,2	37,1
47	50,7	46,7	37,7	36,0
48	49,3	45,3	36,3	35,0
49	47,8	43,8	34,8	34,0
50	46,4	42,4	33,4	33,0
51	45,0	41,0	32,0	32,0
52	43,6	39,6	30,6	31,0
53	42,2	38,2	29,2	30,0
54	40,9	36,9	27,9	29,1