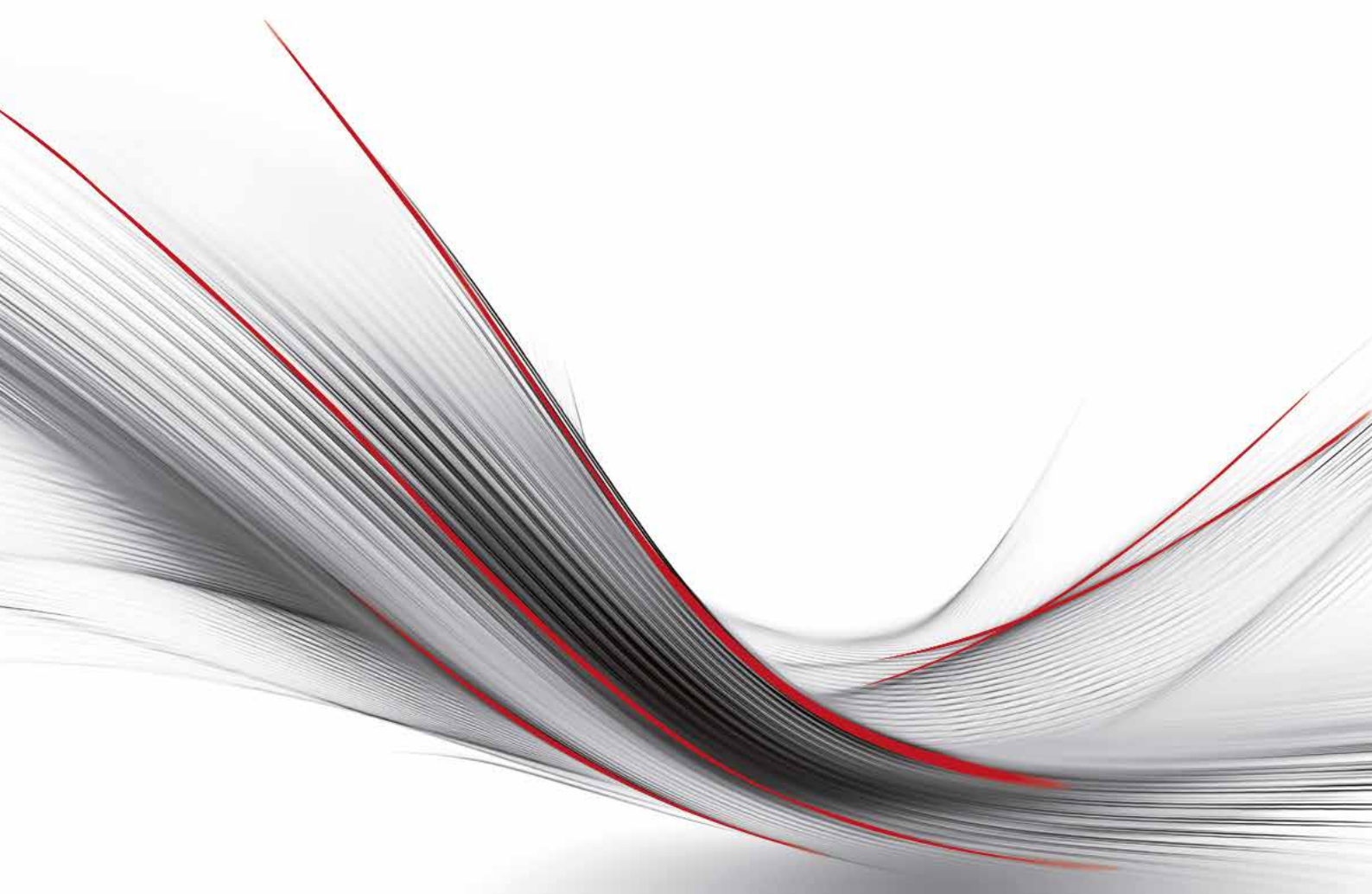


HARBOURMAX



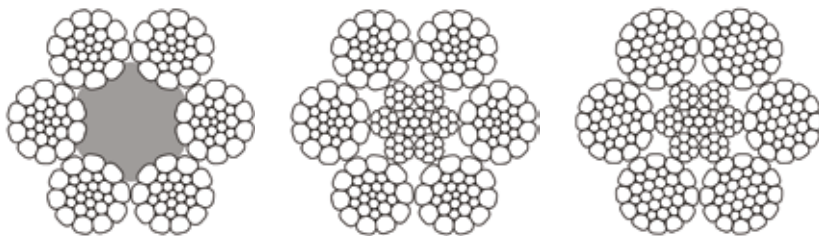
**DEDICATED ROPES FOR
CONTAINER CRANES
AND CARRIERS**

BruntonShaw
STRENGTH IN SERVICE

HarbourMax ropes, designed and manufactured in Europe, are the ultimate choice in performance and durability. These ropes are globally installed with a proven track record and can be customized on demand.

Diameter		Metallic area		Mass		Minimum Breaking Force/Load			
		6K FC	6K	6K FC	6K	6K FC		6K	
mm	in	mm ²	mm ²	kg/m	kg/m	kN	ton	kN	ton
22	7/8	217	258	1.48	2.23	353	36.0	426	43.4
		221	263	1.51	2.28	361	36.8	435	44.3
24	1	258	307	1.76	2.66	420	42.9	507	51.7
		280	333	1.91	2.88	456	46.5	550	56.1
26	1 1/8	289	343	1.98	2.97	471	48.0	568	57.9
		302	360	2.07	3.12	493	50.3	595	60.7
28	1 1/4	351	417	2.40	3.61	572	58.4	690	70.4
		365	435	2.50	3.76	596	60.8	719	73.3
30	1 1/2	403	479	2.76	4.15	657	67.0	792	80.8
		451	537	3.09	4.65	736	75.0	887	90.5
32	1 3/8	458	545	3.13	4.72	748	76.2	901	91.9
		517	615	3.54	5.33	844	86.1	1020	104
34	1 3/4	546	649	3.73	5.62	890	90.8	1070	109
		580	690	3.97	5.97	946	96.5	1140	116
36	1 7/8	646	769	4.42	6.66	1050	107	1270	130
		716	852	4.90	7.38	1170	119	1410	144

These figures are for guidance only. Other features, such as MBF, wire finishing, dimensions and lay type can be designed on request. MBF values are referred to 1960 grade, custom values are available on demand.

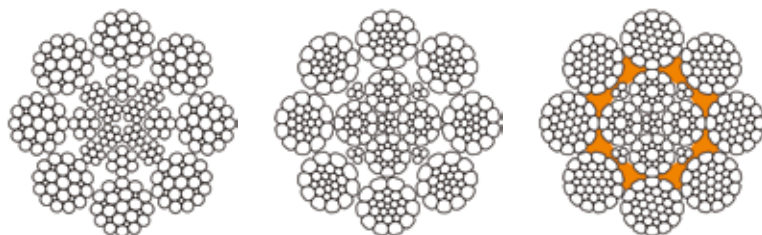


- Enhanced structural stability and low stretch
- High shock resistance
- Smoother contact surface in respect to conventional ropes

HarbourMax ropes, designed and manufactured in Europe, are the ultimate choice in performance and durability. These ropes are globally installed with a proven track record and can be customized on demand.

Diameter		Metallic area		Mass		Minimum Breaking Force/Load			
		8	8K	8	8K	8		8K	
mm	in	mm ²	mm ²	kg/m	kg/m	kN	ton	kN	ton
22	7/8	220	261	2.02	2.29	397	40.5	445	45.4
		225	266	2.06	2.34	405	41.3	454	46.3
24	1	262	310	2.41	2.72	472	48.2	530	54.0
		285	337	2.61	2.96	513	52.3	575	58.6
25	1	294	347	2.70	3.05	529	53.9	594	60.5
		308	364	2.83	3.20	554	56.5	622	63.4
28	1 1/8	357	422	3.28	3.71	643	65.6	721	73.6
		372	440	3.41	3.86	670	68.3	751	76.6
30	1 1/8	410	485	3.76	4.26	738	75.3	828	84.4
		459	543	4.21	4.77	827	84.3	927	94.6
32	1 1/4	466	551	4.28	4.84	840	85.6	942	96.1
		526	623	4.83	5.47	948	96.7	1060	108
35	1 3/8	555	657	5.10	5.77	1000	102	1120	114
		590	698	5.42	6.13	1060	108	1190	122
38	1 1/2	657	778	6.04	6.83	1180	121	1330	135
		728	862	6.69	7.57	1310	134	1470	150
40	1 5/8	776	917	7.12	8.06	1400	142	1570	160
		803	950	7.37	8.34	1450	148	1620	165
44	1 3/4	881	1040	8.09	9.16	1590	162	1780	182
		900	1060	8.26	9.35	1620	165	1820	185
46	1 3/4	963	1140	8.84	10.0	1740	177	1950	199
		1050	1240	9.63	10.9	1890	193	2120	216
48	1 7/8	1140	1350	10.5	11.8	2050	209	2300	235
		1170	1390	10.8	12.2	2120	216	2370	242
52	2	1230	1460	11.3	12.8	2220	226	2490	254
		1330	1570	12.2	13.8	2390	244	2680	274
54	2 1/8	1430	1690	13.1	14.8	2570	262	2890	294
		1530	1810	14.1	15.9	2760	281	3090	316
58	2 1/4	1640	1940	15.0	17.0	2950	301	3310	338

These figures are for guidance only. Other features, such as MBF, wire finishing, dimensions and lay type can be designed on request. MBF values are referred to 1960 grade, custom values are available on demand.



- Improved fatigue life
- Special design for ease of handling and flexibility
- Also available with plastic impregnated core for enhanced resistance to fleet angle

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