

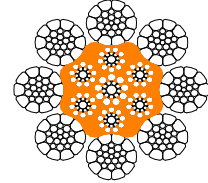


# Cranemaster® 8P

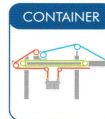
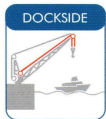


- Cranemaster 8P is a high strength eight strand rope with a plastic impregnated core ideal for applications where longer service life is required.
- A sample of rope from each production batch is tested to destruction in order to confirm compliance with catalogue breaking force values - **LOADRITE**.
- Great surface contact area resulting from the eight strand construction and compacted finish give longer rope life and reduce sheave wear.
- High fatigue life resulting from unique compaction process
- Maximum resistance to crushing. Recommended for multi-layer spooling operations.
- Increased abrasion resistance resulting from unique compaction process.
- Fully lubricated in manufacture - **LUBERITE**.
- +2% to +4% close diameter tolerance **SIZERITE** for improved spooling control.
- Plastic impregnation of the steel core. ( P signifies full plastic impregnation of the steel core).

Typical constructions:  
 8PlxK26W(1-5-5+5-10) – CWR  
 8PlxK31SW(1-6-6+6-12) - CWR



Typical applications.



■ Boom Hoist   
 ■ Main Hoist   
 ■ Racking/Trolley

Nominal Rope  Diameter mm	Approx. Diameter ins	Approx. length Mass (M)  in air Kg/100m	Minimum Breaking Force (F <sub>min</sub> )				Metallic CSA (A)  mm <sup>2</sup>	Axial stiffness @ 20% of MRI  MN	Max single piece length  Metres
			Galvanised and Ungalvanised						
			Rope Grade						
			1960 N/mm2		2160 N/mm2				
			kN	tonnes	kN	tonnes			
<b>24</b>	15/16	267	507	51.7	540	55.1	294	28	8345
<b>25</b>		291	550	56.1	584	59.6	319	31	8345
<b>26</b>	1	315	595	60.7	633	64.6	345	33	7480
<b>28</b>		365	690	70.4	735	75	400	38	6125
<b>30</b>		421	793	80.9	843	86	459	44	5600
<b>32</b>	1 1/4	475	900	91.8	958	97.8	523	50	4670
<b>34</b>		527	1015	103	1080	110	590	57	4345
<b>36</b>		607	1143	116	1217	124	662	64	3700
<b>38</b>	1 1/2	681	1270	129	1354	138	737	71	3470
<b>40</b>		752	1407	143	1501	153	817	78	2990
<b>42</b>	1 5/8	800	1535	156	1648	168	901	86	2835
<b>44</b>		878	1702	173	1815	185	988	95	2570
<b>46</b>		960	1858	189	1982	202	1080	104	2350
<b>48</b>	1 7/8	1044	2025	206	2158	220	1176	113	2150
<b>50</b>		1135	2205	225	2345	239	1276	122	1980
<b>52</b>	2	1219	2340	239	2490	254	1380	132	1825
<b>54</b>		1320	2530	258	2680	273	1489	143	1695
<b>56</b>	2 1/4	1424	2720	277	2890	295	1601	154	1569
<b>58</b>		1523	2920	298	3100	316	1717	165	1460
<b>60</b>		<b>1644</b>	<b>3122</b>	<b>318</b>	<b>3315</b>	<b>338</b>	<b>1838</b>	<b>176</b>	<b>1360</b>

Note :- Extended range highlighted in RED will be available from 01/10/12