GRAB BUCKETS

Double Rope Grab Bucket

ISO9001 Supplier

Class Certificate

Export Supply

Double Rope Grab Bucket Working Principle Double rope grab suitable for double hoisting device structure (single ropes) of all kinds of crane, almost use in port and dock, construction bridge, etc. According...



Key Highlights

Category	Grab Buckets
Standard	DIN
Material	According to the material properties can be used for light, medium, heav...
Weight / Size	Work beginning, support wire rope will lift the grab bucket in well plac...
Certificate	ABS, LR, BV, DNVGL, NK, KR, IRS, RMRS, CCS

We can supply according to your requirement, drawings, class certificate needs, and delivery schedule.

Technical Specifications

Category	Grab Buckets	**Model / SKU**	Double-Rope-Grab-Bucket
Standard	DIN	**Material**	According to the material properties can be used for light, medium, heavy and supper-heavy.
Weight / Size	Work beginning, support wire rope will lift the grab bucket in well place, and then shut down the support rope, rely on the dead weight of the down beam forced the down beam big shaft as center open the grab body.	**Certificate**	ABS, LR, BV, DNVGL, NK, KR, IRS, RMRS, CCS
Warranty	12 Months unless specified otherwise	**Origin**	China

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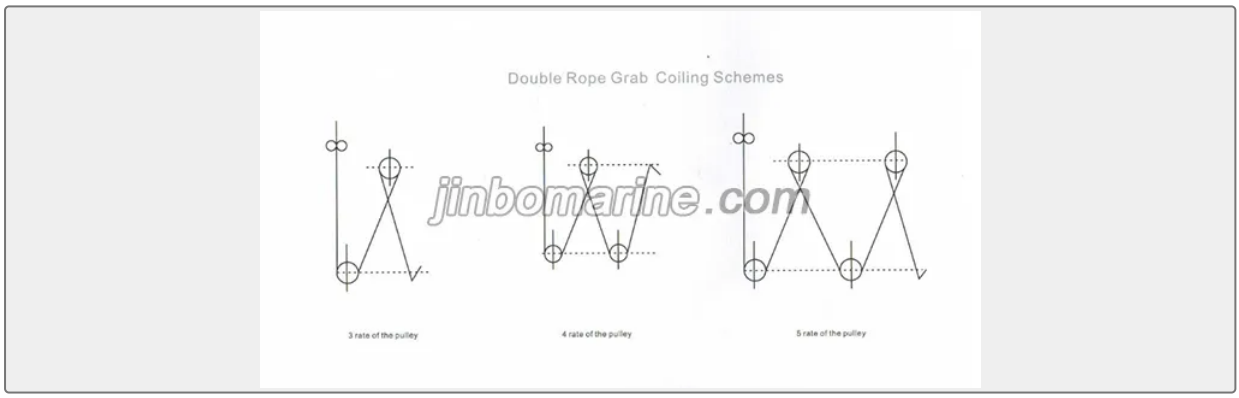
Double Rope Grab Bucket Working Principle

Double rope grab suitable for double hoisting device structure (single ropes) of all kinds of crane, almost use in port and dock, construction bridge, etc. According to the material properties can be used for light, medium, heavy and supper-heavy. For capturing all kinds of loose debris.

In all kinds of crane, with two group of Motor drum (the electric hoist), each group of motor drum leads one wire rope, one wire rope in balance crane for supporting, and the other rope pass the up beam pulley and the down beam pulley, composite a pulley block as opening and closing the grab bucket.

Work beginning, support wire rope will lift the grab bucket in well place, and then shut down the support rope, rely on the dead weight of the down beam forced the down beam big shaft as center open the grab body. When the two ear plates' touch piece smash together, the grab body part open maximum. When opening the grab bucket, the up beam pulley and down beam pulleys center distance increase. And then the support rope put down, the opened grab bucket fall on the captured materials above, and packed around the open and close rope, the up beam pulley and the down beam pulleys' center distance return to its original position. Thus completing the capture the grab materials process. In the last, lifting open and close rope and support rope at the same time, the whole grab bucket is lifted, according to the crane, move the grab bucket to the discharge yard, unloading the materials.

Double Rope Grab Bucket Coiling Schemes



Double Rope Grab Bucket Technical Specifications

Model	Volume (m3)	The rate of material (t/m3)	The Dia.of pulley (mm)	The Dia.Of steel rope (mm)	Using crane ton(t)	Grab self weight (t)
S0307	0.75	≤1.7	260	13	3	1.15
S0510	1	≤2.0	360	16	5	2.1
S0512	1.2	≤2.5	445	20	5	2.3
S0515	1.5	≤1.6	400	18	5	1.95
S0520	2	≤1.5	445	20	5	2.2

S0525	2.5	≤1.0	445	21.5	5	2.3
S0530	3	≤1.0	445	24	5	2.3
S0825	2.5	≤2.0	560	28	8	3.3
S1023	2.3	≤2.5	650	28	10	3.8
S1025	2.5	≤2.0	650	28	10	4.3
S1030	3	≤2.0	560	28	10	4
S1050	5	≤1.0	560	28	10	4.2
S1060	6	≤0.9	560	28	10	4.3
S1225	2.5	≤2.5	560	28	12.5	5.2
S1635	3.5	≤2.6	720	32	16	6.5
S1670	7	≤1.2	650	28	16	7
S2035	3.5	≤2.3	650	28	20	12
S2050	5	≤2.2	650	32	20	7.5
S2560	6	≤2.8	720	34	25	8.5
S2515	15	≤0.9	720	32	25	10.5
S3212	12	≤1.8	880	36	32	11

Double Rope Grab Bucket Exhibition





