GRAB BUCKETS

Z Series Four Rope Grab Bucket

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Class Certificate

Export Supply

Four Rope Grab Bucket Working Principle In all kinds of crane with two group of motor durm(motor hoist),each group motor durm lead two wire ropes, they make one group wire ropes rooted in the balance frame for support...



Key Highlights

Category	Grab Buckets
Standard	DIN
Material	And then the support rope put down, the opened grab bucket fall on the c...
Weight / Size	Working beginning, support wire rope will lift the grab bucket in well p...
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**	Z-Series-Four-Rope-Grab-Bucket
Standard	DIN	**Material**	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.
Weight / Size	Working beginning, support wire rope will lift the grab bucket in well place, and then shut down the support rope, reply on the dead weight of the down beam forced the down beam big shaft as center open the garb body.	**Certificate**	ABS, LR, BV, DNVGL, NK, KR, IRS, RMRS, CCS
Warranty	12 Months unless specified otherwise	**Origin**	China

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Four Rope Grab Bucket Working Principle

In all kinds of crane with two group of motor durm(motor hoist),each group motor durm lead two wire ropes, they make one group wire ropes rooted in the balance frame for supporting, another group of wire rope pass the up beam pulley and the down beam pulley, composite a pulley block as open and closed grab bucket.
Working beginning, support wire rope will lift the grab bucket in well place, and then shut down the support rope, reply on the dead weight of the down beam forced the down beam big shaft as center open the garb 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 pulley's 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.

Z Series Four Rope Grab Bucket Technical Specifications

Model	Volume (m3)	The rate of material (t/m3)	The Max capture weight (t)	The Dia.of pulley (mm)	The Dia.Of steel rope (mm)	Grab self weight (t)	Using crane ton(t)	Remark
Z20-9	0.75	0.6-1.2	0.9	250	11 ~ 15	1.35	3	
Z5	1	2.1-3	3.1-3	300	14 ~ 16	2.54	5	
Z15	1.5	1.1-2.0	1.65-3	300	14 ~ 16	2.3	5	

Z25	2.5	0.6-1	1.5-2.5	300	14 ~ 16	2.5	5	
ZS30	3	1.1-2	3.3-6	350	18 ~ 20	4.7	10	
ZS20	2	2.1-3	4.2-6	350	18 ~ 20	4.8	10	Filler
ZK20	2.5	2.5-3	7.5	500	23.5	8.3	16	
ZK30	3	2.1-3	6.3-9	500	23.5	7.3	16	
ZT442	4	2.1-2.5	8.4-10	570	28	9.4	20	