

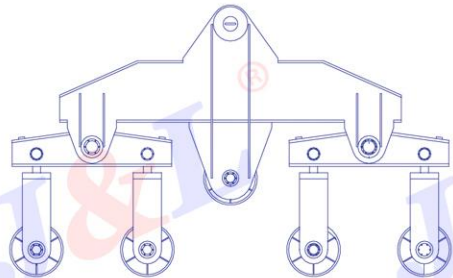
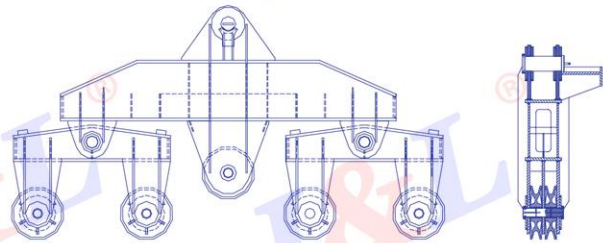
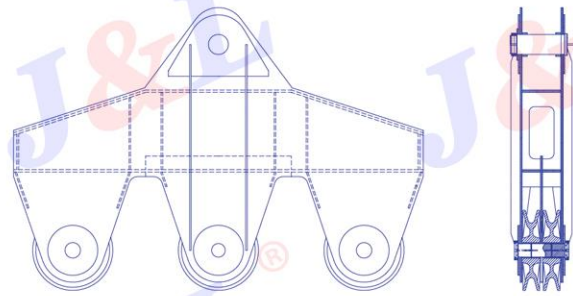
## LIFTING ROW

Lifting row is used for lifting ship block in shipbuilding industry. It is composed of main structure, sheaves, strengthen structure and connecting part. The real lifting capacity increased due to the light self weight;

The sheave system reduced the abrasion of the wire rope and the the stress distribution evenly makes it bearing optimized, which increased the service life of the wire rope.

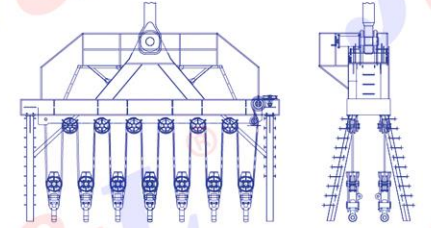
- Used in lifting all kinds of ship block and suitable for different lifting points in the horizontal direction, and the stress distribution evenly.
- Combine the sheaves and lever design solutions to make sure the stress distribution evenly.
- The lifting row classified as I type, II type, combined lifting row as per the structure.
- Different type lifting rows could be designed according to user requirements.

## LIFTING ROW (I TYPE)

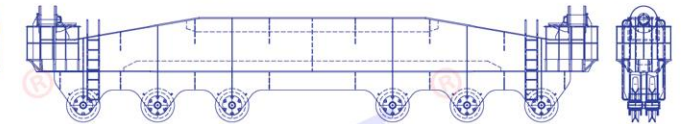


## LIFTING ROW (II TYPE)

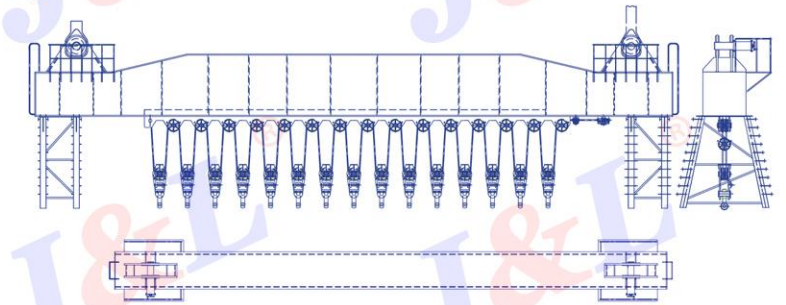
- Used in lifting ship block, sheaves were used to make sure the stress distribution evenly.
- Single line or double line are available for the bottom lifting point.



## JOINT ROW (I TYPE)



## JOINT ROW (II TYPE)



## ELECTRICAL ROTATING LIFTING ROW

- Used in lifting ship block, stress distribution evenly for the lifting point.
- Using gear rotation system, which could rotate 360° in the load conditions.



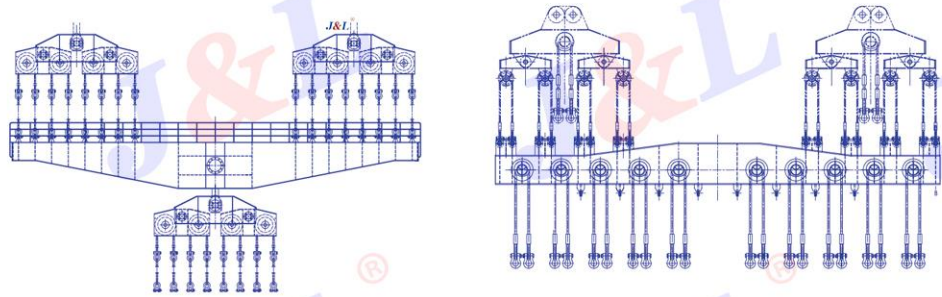


## ELECTRICAL CONTAINER SPREADER



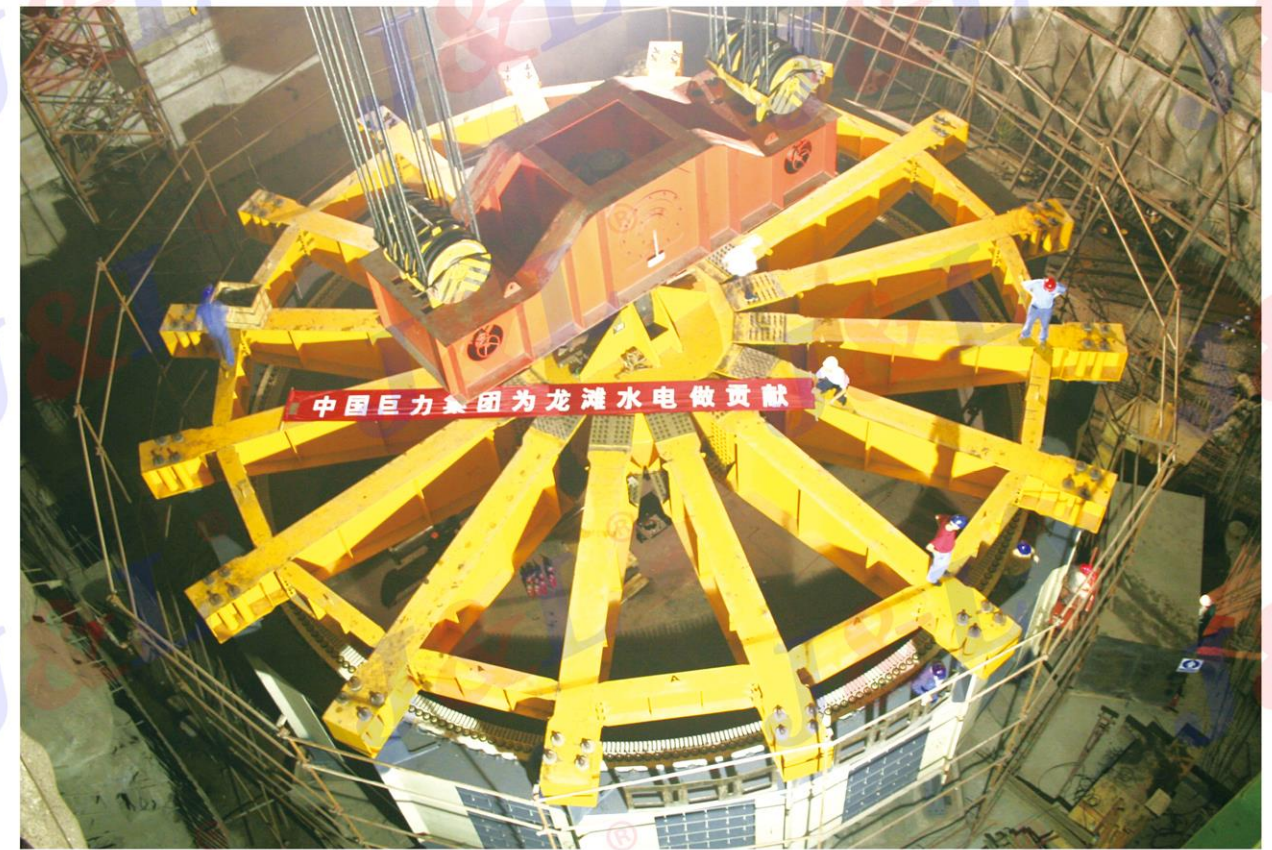
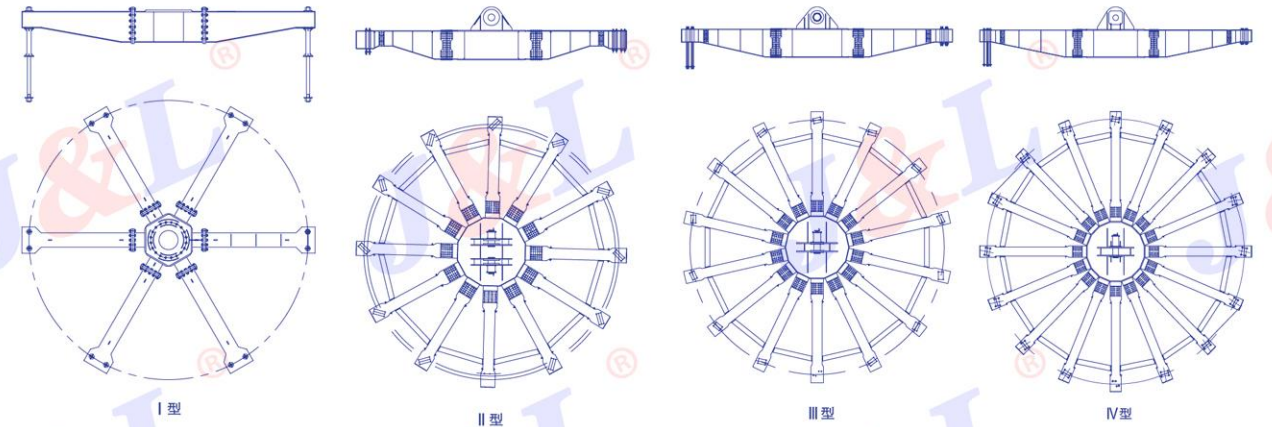
## COMBINED LIFTING ROW

- Used in lifting various ship blocks.
- Could be used for various lifting points transversal.
- Also could be suitable for various lifting points longitudinal.
- Stress distribution evenly for the lifting point.



## STATOR LIFTING BEAM

- This kind of beam is specially used for stator installation. It is widely used in lifting stator for various water control projects. The beam is assembled to make it convenient for transportation or storage.
- Products have been successfully used in Longtan, Jinping, Sanbanxi, Laxiwa power station.





## RAILWAY RESCUING BEAM

- Special made for railway rescuing, used in pairs during the lifting.
- The WLL for one beam is 70 tons, and the effective length of the beam is 3.5 meters. It is composed of lifting belt, beam, connecting parts.
- Features: huge lifting capacity, low self weight and convenient for application and transportation.
- The connection parts for vehicle and lifting tools can be lifting pin, S hook and flat hook.

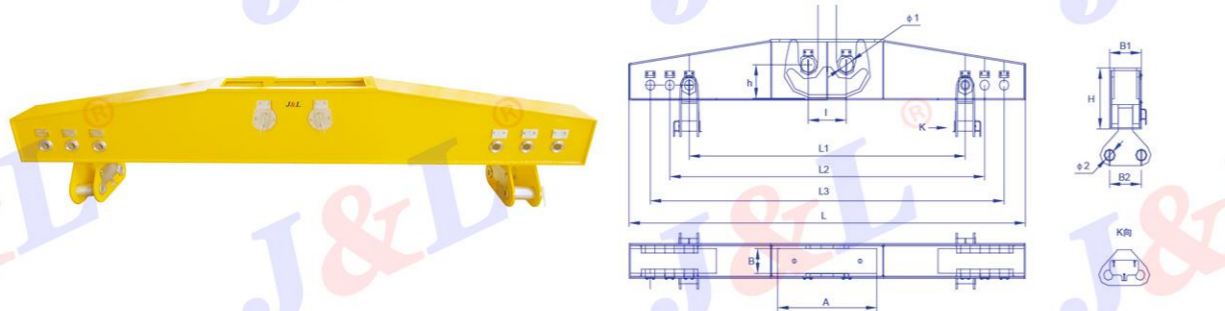


WLL (t)	L (mm)	Self weight (kg)
70	3500	200

Note: The above parameter only for reference, products could be produced according to user requirements.

## CRH MULTIPLE UNITS RESCUING BEAM / CRH MULTIPLE UNITS RESCUING BEAM

- For lifting CRH multiple units which is out of the railway.
- There are 3 installing holes and 1 lifting pin in both end of the beam, which could be adjusted to lift different type of carriages.
- Select appropriate lifting belt or hook to lift it per the weight of the carriages.



WLL (t)	A (mm)	B (mm)	i (mm)	h (mm)	L (mm)	L1 (mm)	L2 (mm)	L3 (mm)	B1 (mm)	B2 (mm)	H (mm)	φ1 (mm)	φ2 (mm)	Self weight (kg)
160	1250	285	480	387	5000	3480	3970	4460	400	400	700	180	120	1700

Note: The above parameter only for reference, products could be produced according to user requirements.

## LIFTING TOOL FOR WIND POWER GENERATOR

- Wind power generator lifting tool including lifting tools for lifting cabin, tower, wheel hub, blades, etc., which could meet universal use.



TOWER BODY LIFTING



FAN BLADE LIFTING



CABIN LIFTING

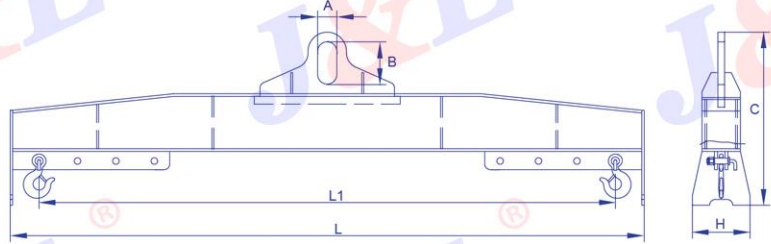


WHEEL HUB LIFTING



## HLA type beam

- Structure: I type and streamline form.
- Accessories: pin, eye hook .
- Function and characteristic: adjust the position of the hook per the dimensions of the loads.

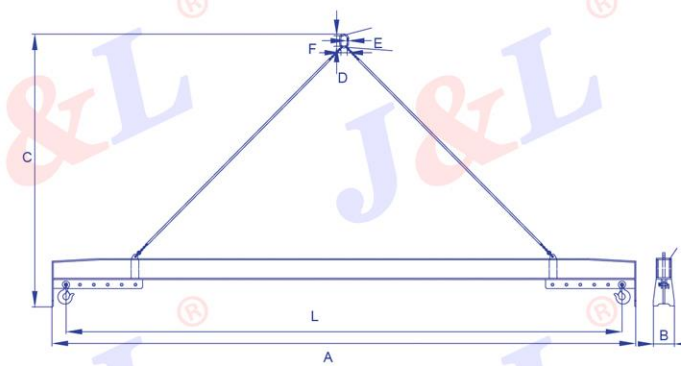


WLL (t)	Adjusting scope (m)	Effective Length L1 (m)	Dimensions (mm)					Self weight (kg)
			A	B	C	L	H	
2	2 ~ 3	3	80	150	570	3184	180	145
3.2	3 ~ 5	5	100	220	830	5200	300	400
5	3 ~ 5	5	100	220	935	5300	300	520
8	4 ~ 6	6	160	360	1140	6312	340	980
10	4 ~ 6	6	160	360	1140	6312	340	1140
12.5	4 ~ 6	6	180	400	1320	6320	370	1385
16	6 ~ 8	8	180	430	1370	8320	450	2325
20	6 ~ 8	8	180	430	1485	8360	450	2635
25	6 ~ 8	8	200	500	1755	8500	530	3110
32	8 ~ 10	10	220	600	2135	10640	650	5435
40	8 ~ 10	10	220	600	2165	10640	650	5880

Note: The above parameter only for reference, products could be produced according to user requirements.

## HLB TYPE BEAM

- Structure: I type and streamline form.
- Accessories: pin, chain sling, eye hook .
- Function and characteristic: adjust the position of the hook per the dimensions of the loads.



WLL (t)	Dimension L (m)	Effective length (m)	Dimension of the master link (mm)			AxBxC (mm)	Self weight (kg)
			D	E	F		
2	1 ~ 3	3	80	20	150	3180×160×1800	150
3.2	3 ~ 5	5	90	24	160	5200×210×2100	350
5	3 ~ 5	5	100	28	190	5300×240×2400	430
8	6 ~ 8	8	110	32	200	8350×250×3800	720
10	6 ~ 8	8	120	34	230	8350×280×3850	810
12.5	6 ~ 8	8	135	38	250	8350×280×3900	945
16	6 ~ 8	8	140	42	270	8350×300×4050	1170
20	6 ~ 8	8	160	46	310	8400×300×4150	1475
25	6 ~ 8	8	180	52	330	8460×380×4300	1585
32	6 ~ 10	10	180	56	330	10500×480×4550	2720
40	6 ~ 10	10	220	69	396	10500×480×4650	2790

Note: The above parameter only for reference, products could be produced according to user requirements.

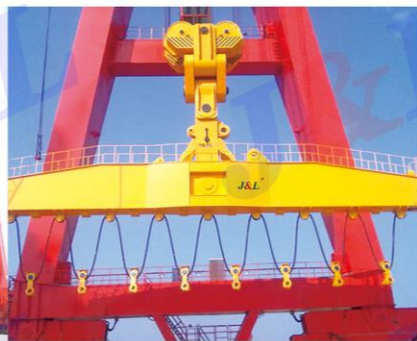




DOUBLE GIRDER



4000T WORKING LOAD BRIDGE FLOOR LIFTING APPLIANCE FOR CHINA RAILWAY SHANGHAIGUAN BRIDGE



BACK-UP ROLL LIFTING APPLIANCE



LIFTING ROW



3660T WORKING LOAD BRIDGE FLOOR LIFTING APPLIANCE FOR GANGZHUAO BRIDGE



LIFTING APPLIANCE FOR LARGE PETROCHEMICAL EQUIPMENT



LIFTING APPLIANCE FOR STEEL BOX GIRDER BRIDGE



LIFTING APPLIANCE FOR PRECAST GIRDER BRIDGE



2843T WORKING LOAD CUSHION CAP LIFTING APPLIANCE FOR GANGZHUAO BRIDGE



LADLE BAIL



3400T WORKING LOAD BRIDGE FLOOR LIFTING APPLIANCE FOR GANGZHUAO CHANGDA SECTION



3660T WORKING LOAD LIFTING APPLIANCE FOR HONGHUA PSV SHIP LAUNCHING



MANUAL OPERATION LIFTING APPLIANCE FOR TRANSFORMER COILS



SWING ARM HOOK TYPE BEAM



LIFTING ROW UP TROLLEY



FAN-SHAPED SECTION REPLACING LIFTING APPLIANCE



MIDDLE CANS LIFTING APPLIANCE



DUMMY BAR LIFTING TOOLS



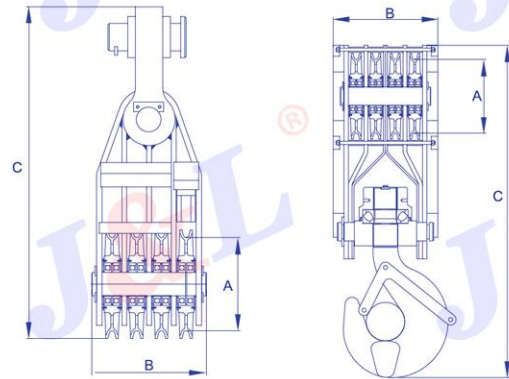
SPREADER BAR



## MEDIUM SIZE SHEAVE BLOCK

- Large lifting equipments fittings, used together with winch, wire rope to save labour.

HQS4-50t A  
 left sensor  
 WLL 50t  
 4 sheaves  
 Top block type  
 Universal sheave block

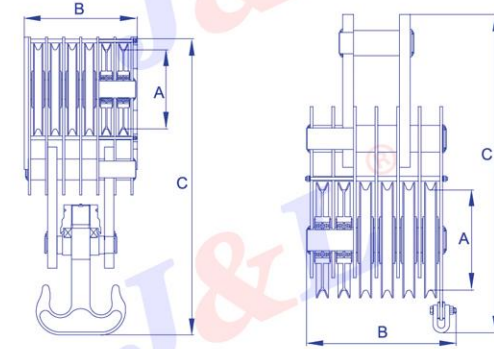


Product Type	Product Name	Rope Dia (mm)	WLL (t)	Sensor	A (mm)	B (mm)	C (mm)	Self Weight (kg)
HQS4-50tA	50t top block type	Φ30-Φ37	50	left sensor	560	682	1975	1902
HQS4-50tB	50t top block type	Φ30-Φ37	50	right sensor	560	682	1975	1902
HQS4-80t	80t top block type	Φ30-Φ37	80		604	760	1889	2000
HQS4-80tA	80t top block type	Φ30-Φ37	80	left sensor	604	760	2039	2200
HQS4-80tB	80t top block type	Φ30-Φ37	80	right senso	604	760	2039	2200
HQS4-120t	120t top block type	Φ30-Φ37	120		680	850	2215	2600
HQS4-120tA	120t top block type	Φ30-Φ37	120	left sensor	680	850	2415	3200
HQS4-120tB	120t top block type	Φ30-Φ37	120	right senso	680	850	2415	3200

Product Type	Product Name	Rope Dia (mm)	WLL (t)	A (mm)	B (mm)	C (mm)	Self Weight (kg)
HQX4-50t	50t down block type	Φ30-Φ37	50t	560	738	2263	2020
HQX4-80t	80t down block type	Φ30-Φ37	80t	604	890	2723	3100
HQX4-120t	120t down block type	Φ30-Φ37	120t	680	965	3062	4500

## LARGE SIZE SHEAVE BLOCK

- Large lifting equipments fittings, used together with winch, wire rope to save labour.



Product Type	Product Name	Rope Dia (mm)	WLL (t)	A (mm)	B (mm)	C (mm)	Self Weight (kg)
HQS6-300t	300t top block type	Φ50-Φ58	300	1120	1673	3562	8478
HQS9-500t	500t top block type	Φ50-Φ58	500	1800	2435	4629	28533
HQS13-800t	800t top block type	Φ50-Φ58	800	1800	3403	5011	42682
HQX6-300t	300t down block type	Φ50-Φ58	300	1120	1602	4224	12441
HQX9-500t	500t down block type	Φ50-Φ58	500	1800	2350	7355	39190
HQX13-800t	800t down block type	Φ50-Φ58	800	1800	3318	8093	65175

## SHEAVE (FOR CRANE TRUCK)

- The products are appropriate for various kinds of crane truck, and the products could be designed per user requirement.



Product Type	Product Name	Rope Dia (mm)	WLL (t)	A (mm)	B (mm)	H1 (mm)	H (mm)	Self Weight (kg)
HXC3-16t	16t hook assembly	Φ13-Φ14	16	280	268	692.5	1144.5	200
HXC4-20t	20t hook assembly	Φ13-Φ14	20	280	325	702.5	1179.5	250
HXC4-25t	25t hook assembly	Φ16	25	290	343	732.5	1232.5	320
HXC6-55t	55t hook assembly	Φ18	55	350	427	940	1537	610
HXC6-75t	75t hook assembly	Φ20	75	360	518	1015	1655	800