



OUCO 欧超

Our version:

To deliver the best possible products for the best possible price and quality. We are competitive as we have low labor cost, and deliver quality because we use European components in our products.

The designing and building process is guided and monitored by a team with knowledge and rich experience about all subjects involved.

Our main goal:

Not only to deliver a good product, by experience we know that an equipment is a one time investment for a client and how important it is to do repairs at location in a short time as most clients have to deal with a high day-rate from their vessels and working fields; "Down-time" is expensive.



Company profile

OUCO Industry, was established in February 1982, covers an area of 48,000 square meters, construction area is 35,000 square meters.

OUCO headquartered in crane hometown of Jiangsu Province where representing most advanced machinery manufacturing level in China.

OUCO has more than 150 employees, 20 are technical staff. Among that has five senior titles, 10 mid-level titles, and a total of 50 welders (who has got CCS, ABS and other main institutions' certification). It also has professional organization certificated flaw detection staff, the quality system audit staff, and inspection personnel, etc.



OUCO provides high quality handling solutions and access systems for the crane, port industries and various non-standard structural parts. OUCO has its own developing, designing, and manufacturing capacity for products of metallurgical complete sets of equipment, marine cranes, truck cranes, boiler desulfurization and denitrification environmental protection products in air pollution control field. Company products are widely used in the metallurgical, ship, port, electricity, petroleum, building materials and chemical industries.

OUCO has subsidiaries in several countries and serves a global client based on strategic points in Europe, Asia, Africa, Australia and Middle East. It has an annual output of 11,000 tons of steel structure production capacity.

ORGANIZED TEAMWORK
UNIQUE QUALITY
COMPETITIVE PRICE
OUTSTANDING SERVICE

OUCO 欧超

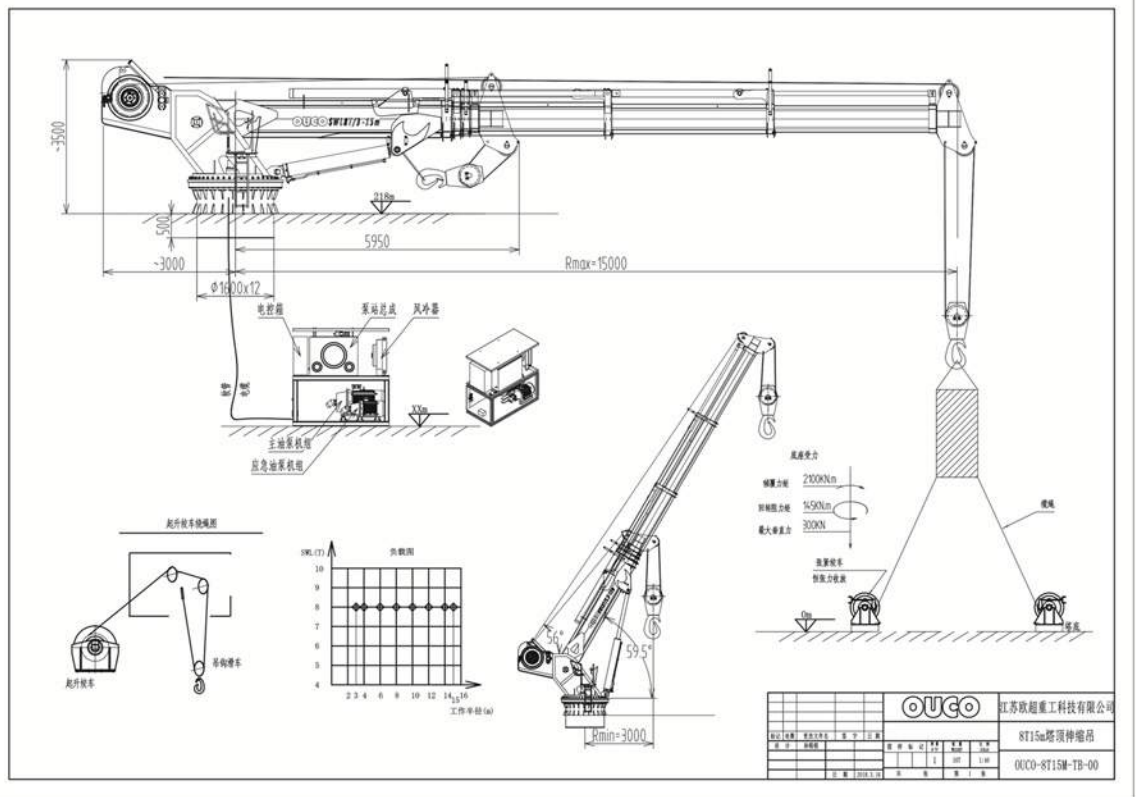
www.ouco-industry.com



360°Virtual Factory Tour

OUCO manufactures telescopic cranes in different boom lengths and depending on the crane's application, we offer certification by all major classification societies and a broad set of available accessories. They are designed and manufactured in conformity with the current Marine Rules and they can be customized on request.

8T15M Telescopic Boom Crane

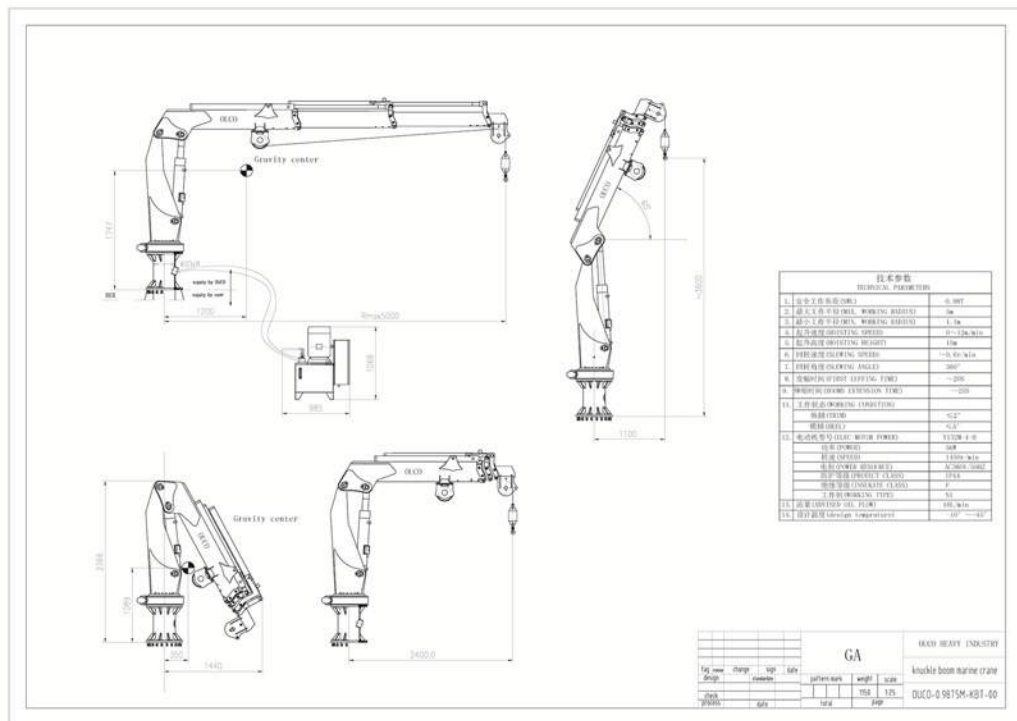


5T13.5M Stiff Boom Crane



OUCO manufactures small service cranes in different boom lengths and depending on the crane's application, we offer certification by all major classification societies and a broad set of available accessories. They are designed and manufactured in conformity with the current Marine Rules and they can be customized on request.

0.98T5M Yacht Crane

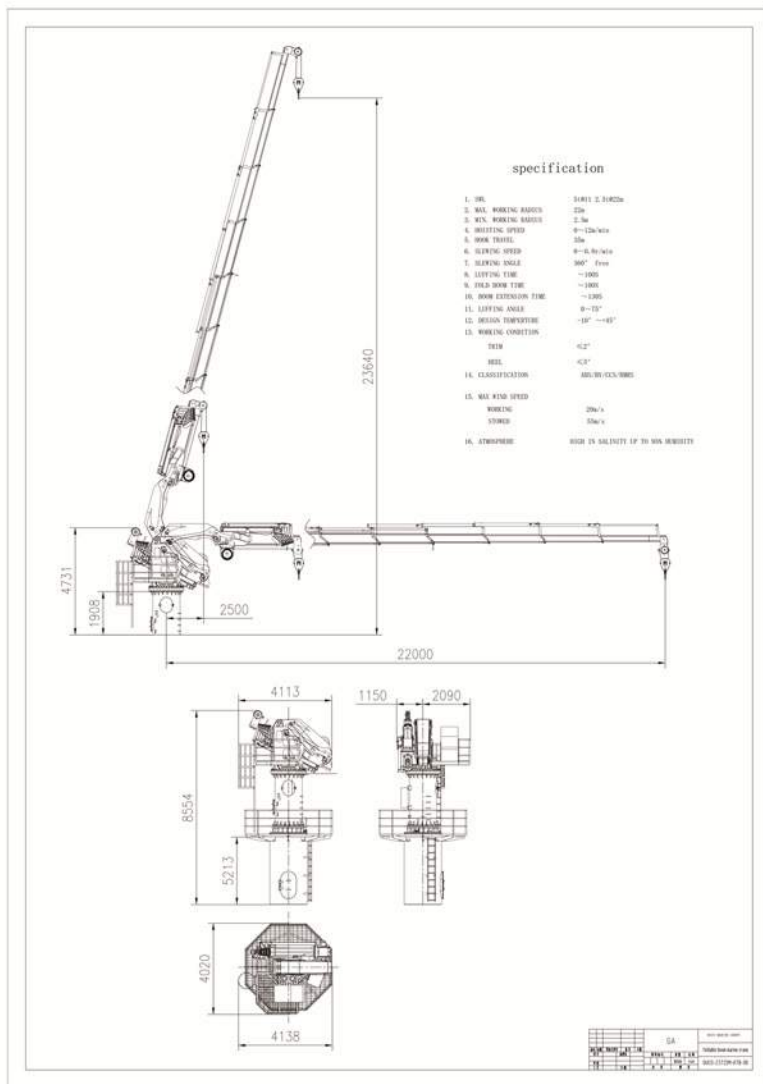


25T26M Cargo Crane



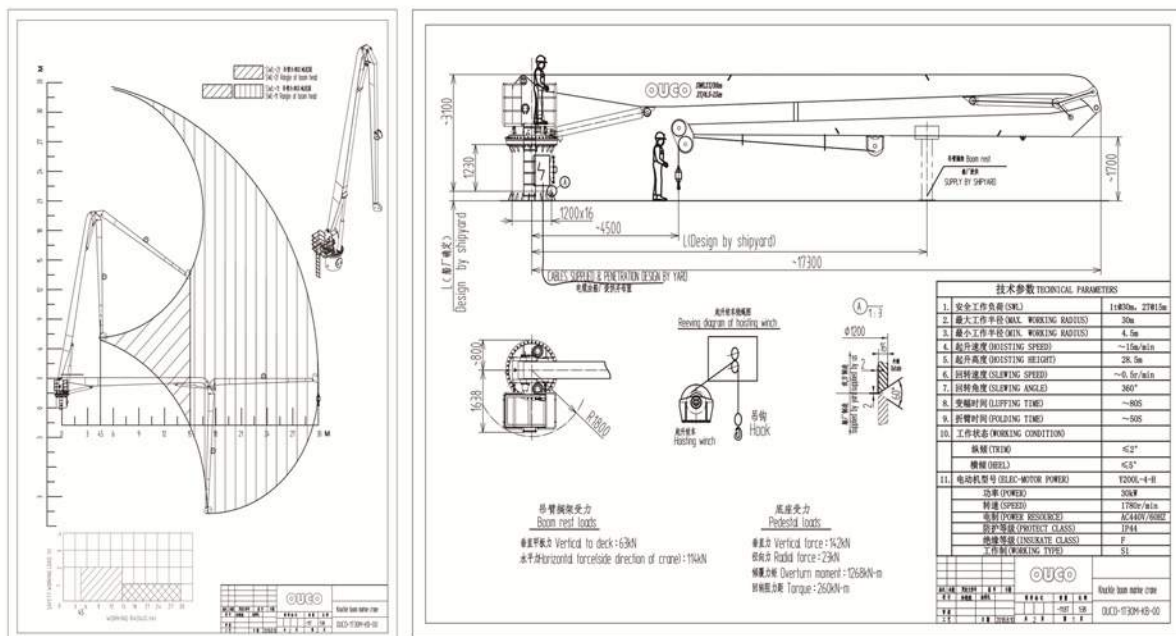
OUCO Marine/Offshore Folding boom compound marine cranes would be the type of effortless cranes with foldable and telescopic booms compound, which make full use of the cranes' strengths and flexibility when loading and unloading goods. OUCO Marine group can design the foldable cranes based on API-2C regulations and rules.

2.5T22M Folding Boom Crane



OUCO Marine/Offshore knuckle boom cranes are designed to lift high loads with extended jib and provide the operator with great flexibility during lifting operations. OUCO Marine/ Offshore knuckle boom cranes range is available from 0.5t to 150t. The knuckle boom cranes are with easy maintenance and efficiency by taking small space. The improved level of control makes the crane ideal for offshore lifting operations in higher sea states to deal with big waves.

1T30M Knuckle Boom Crane



技术参数 TECHNICAL DATA

1. 型号	MQ2030
2. 额定起重力矩	20 T
3. 最大起升高度	18-20 m
4. 最大幅度	70 m
5. 最大风速	15 m/s
6. 最大爬升速度	40 m/min
7. 最大下降速度	25 m/min
8. 最大回转速度	60°/s
9. 最大行走速度	40 m/min
10. 最大行走力	40000 N
11. 最大行走力矩	20000 Nm
12. 最大行走力矩	20000 Nm
13. 最大行走力矩	20000 Nm
14. 最大行走力矩	20000 Nm
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18. 最大行走力矩	20000 Nm
19. 最大行走力矩	20000 Nm
20. 最大行走力矩	20000 Nm

基础数据

1. 基础形式	独立式
2. 基础尺寸	10000mm x 10000mm
3. 基础重量	478 T
4. 基础高度	1005 mm
5. 基础坡度	10°
6. 基础风速	15 m/s
7. 基础爬升速度	40 m/min
8. 基础下降速度	25 m/min
9. 基础回转速度	60°/s
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20. 基础行走力矩	20000 Nm

主要部件

1. 塔身	1	10000
2. 塔帽	1	478
3. 塔臂	1	1005
4. 塔臂	2	1077
5. 塔臂	1	2708
6. 塔臂	1	4078
7. 塔臂	2	6366

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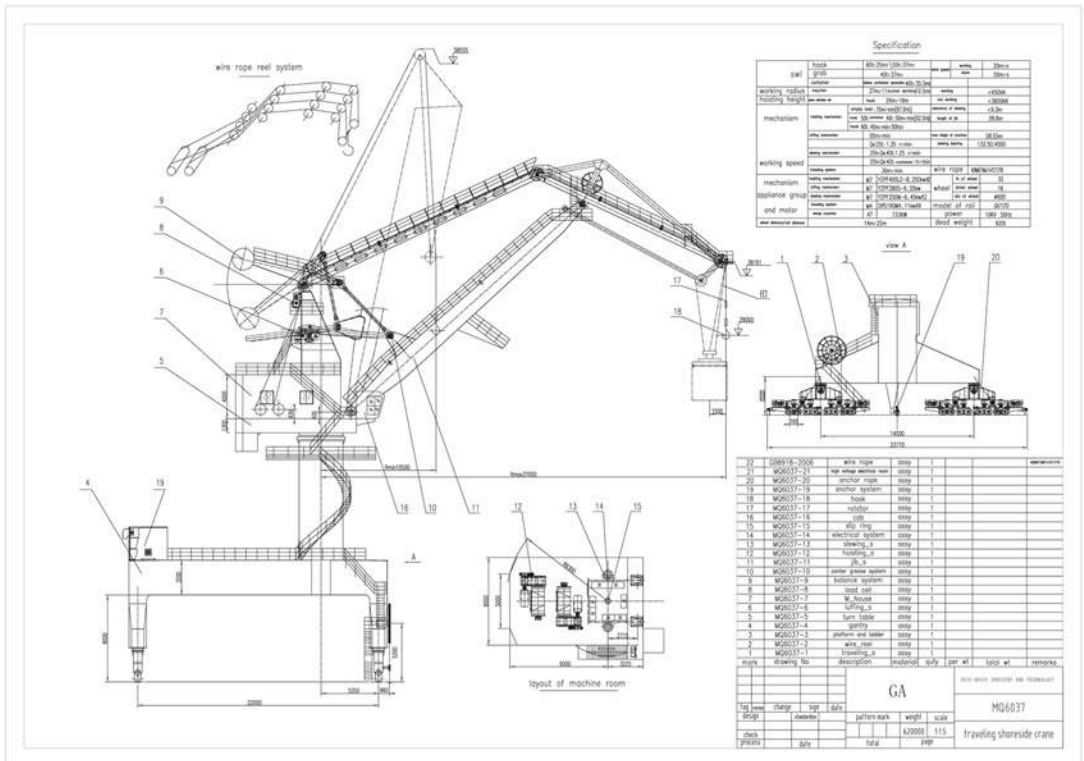
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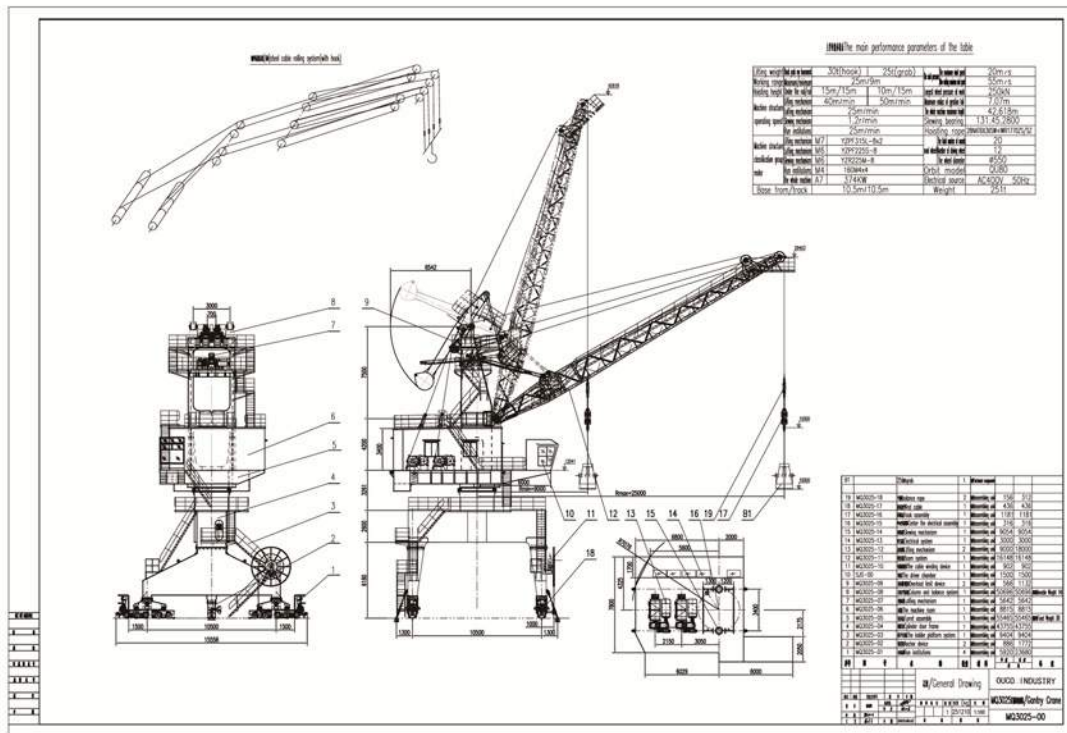
50T37M OUCO Port Crane

50ton to 150 ton OUCO Port Crane used in port shipyard portal crane is mainly used in the port, shipyard, ships at wharfs for mechanized handing and transshipment. It includes lifting mechanism, traveling mechanism, rotary mechanism, luffing mechanism. Engineers will design the portal crane according user requirements.



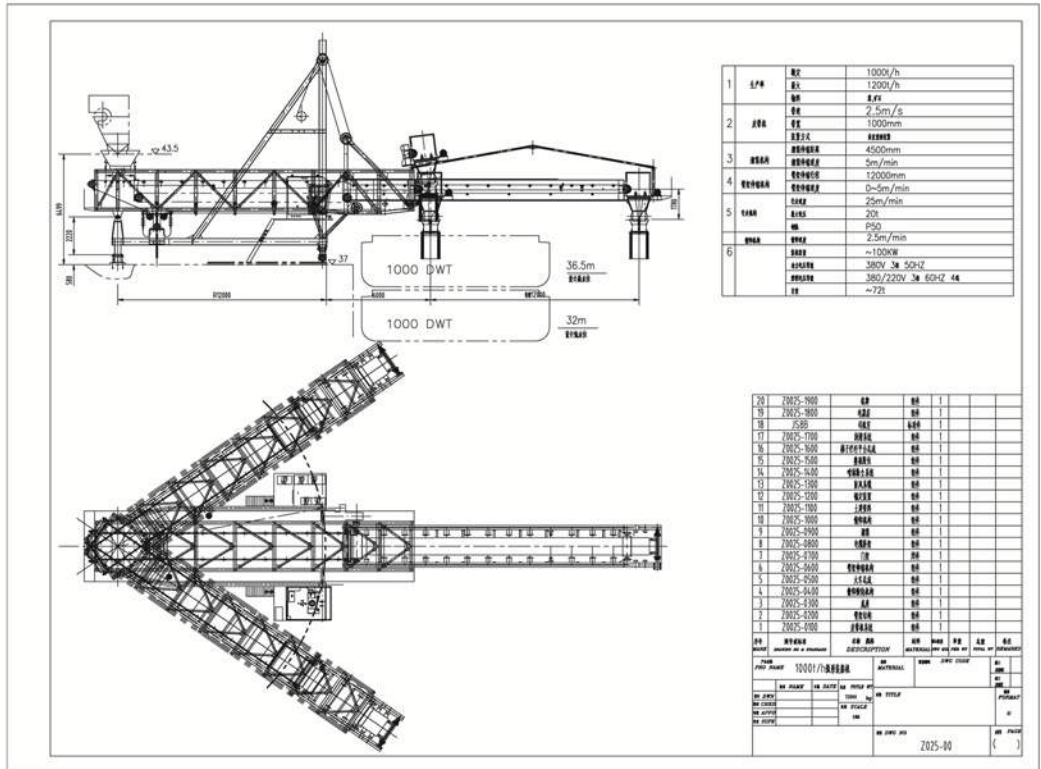
30T15M OUCO Mobile Harbor Crane

OUCO Mobile Harbor Cranes stand for versatility and eco-efficiency. The flexibility of the mobile harbor crane makes it effective for all areas of application in the harbor and thereby guarantee the highest level of effectiveness.



1000T OUCO Ship Loader

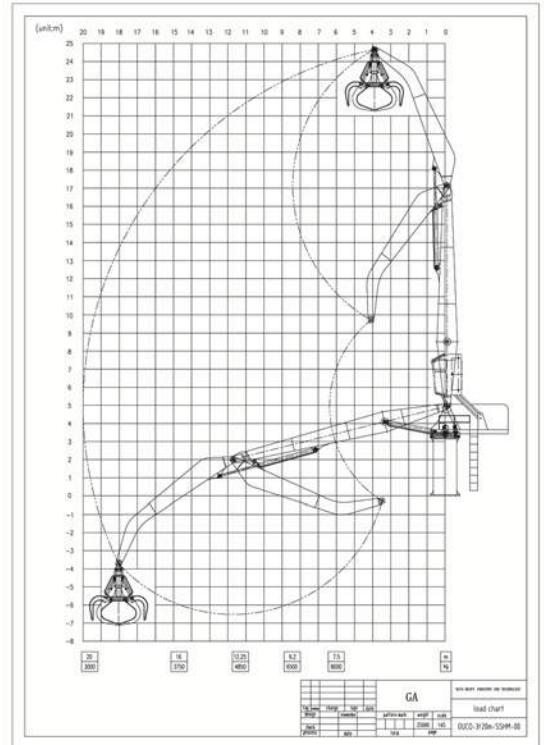
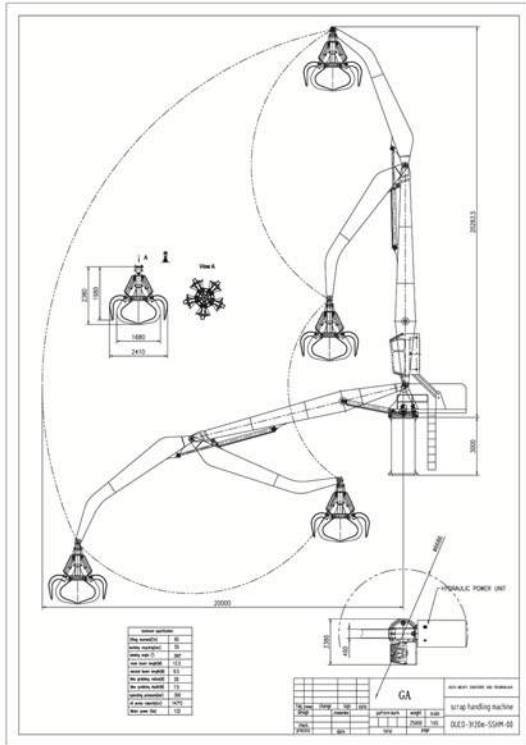
OUCO Continuous ship loader is widely applied in docks to load ships of bulk cargoes such as coal, ore, grain and cement, etc. Ship loader structure is mainly composed of steel structure, jib belt conveyor, feeder tripper, luffing mechanism, slew mechanism, travel mechanism, spray system, chute, electric system, necessary safety components and accessory devices. Ship loader jib could slew, luffing, prolong and shorten itself. And chute could also prolong and shorten itself in up and down direction.



3T20M OUCO Stationary Material Handler

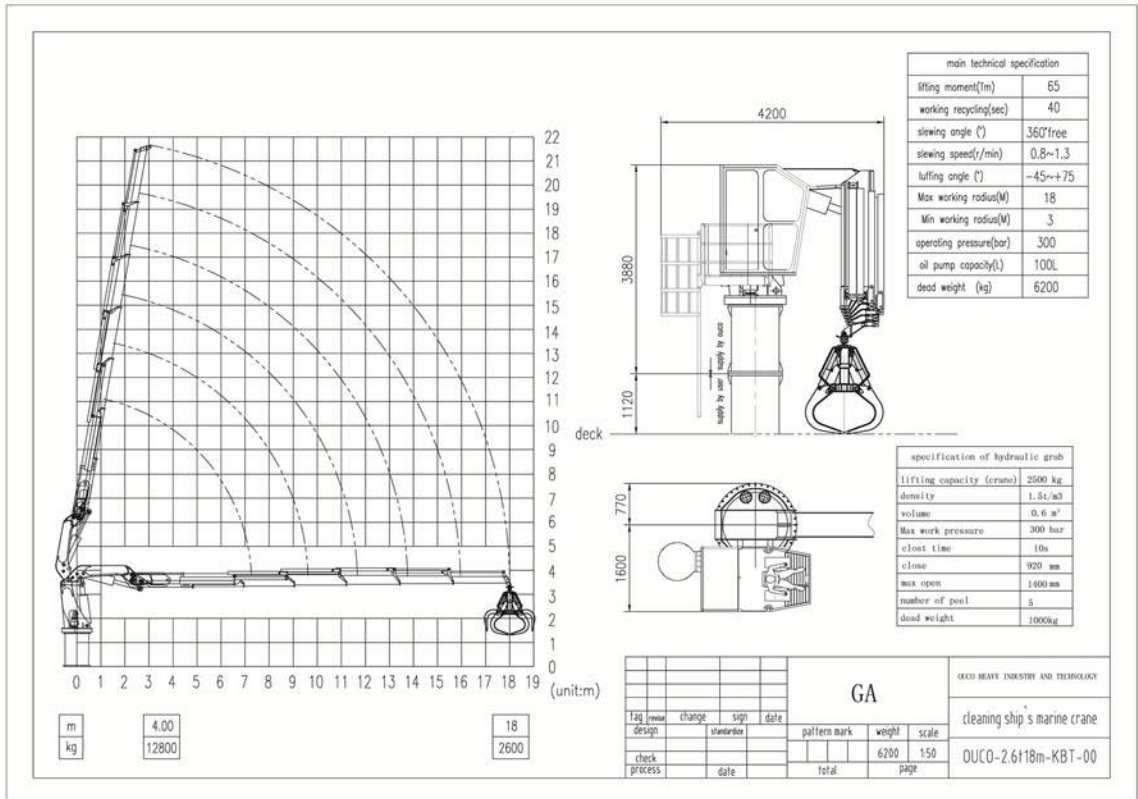
OUCO stationary material handler is purpose-built for the recycling industry to perform effective, high-volume material handling duties. Waste handling models that can be operated in either open terrain or indoor settings.

This is the 3t20M material handler by OUCO which used in loading and transferring different material such as scrap, bulk goods, recycling materials and port handling. It features its undercarriage for specific unwanted ground conditions. This machine has an operating weight of 25 tons and an optimum range of 20 meters.



2.6T18M OUCO Material Handler

The undercarriage of each OUCO waste handler is manufactured from a rugged design for maximum loading capacities. Depending upon which model that is used, a reach of up to 10.7 meters can be reached for large material loads. The automatic central lubrication system on the upper carriage ensures that the loading equipment and slewing ring are evenly supplied with a predefined quantity of lubricant at precisely determined intervals. This improves the productivity of the machines, reduces repair and replacement part costs as a result of lubrication related bearing failure, and most of all, reduce costly service downtime.





OUCO 欧超

OUCO Truck Mounted Crane

OUCO truck mounted crane type is with great heavy duty up to 250 meter tons, which can be used in various fields of services to achieve clients' requirements. OUCO Truck Mounted Cranes contains important industries include: construction, transport logistics, emergency services, local authorities, waste management, mining and the inspection/maintenance/cleaning of structures, buildings and large machines as well as leasing and rental business.

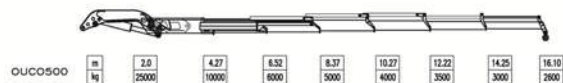
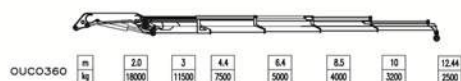
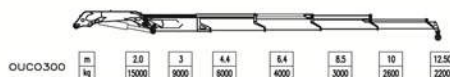
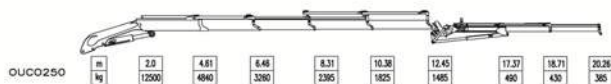
Product Feature

1. Full Power Boom: Driving and telescoping under load;
2. Lifting capacity from 15 t to 250 t;
3. Simple and robust design – long lifetime;
4. Low transportation costs with shortest rigging time possible;
5. Suitable for very difficult ground conditions;
6. Compact design and dimensions.



Folding Boom Truck Crane

Model	Max.Lifting Moment(TM)	Max.Lifting Capacity(kg/m)	Max.Working Radius(m)	Max.Lifting Height(m)	Dead Weight(kg)
OUCO-250	20	12500/2	12.46	13.46	4300
OUCO-300	30	15000/2	12.46	13.46	4500
OUCO-360	36	18000/2	12.46	13.46	4700
OUCO-430	43	20000/2	15.1	16.1	5900
OUCO-500	50	25000/2	16.1	17.1	6100
OUCO-600	60	30000/2	16.1	17.1	6450
OUCO-700	70	35000/2	16.1	17.1	6750

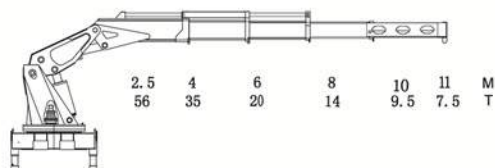


Semi-Knuckle Boom Truck Crane

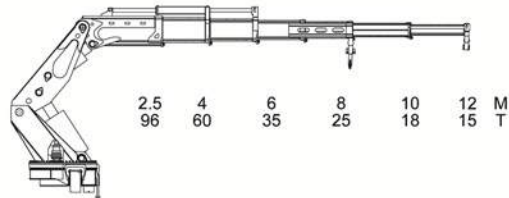
Model	Max.Lifting Moment(T.M)	Max.Lifting Capacity(kg/m)	Max.Working Radius(m)	Max.Lifting Height(m)	Dead Weight(kg)
OUCO-1400-4	120	30000/4.5	11	14	11500
OUCO-2400-6	240	60000/4.5	13.83	17.2	20000
OUCO-3600-6	360	80000/4.5	13.83	17.2	24000
OUCO-5000-6	500	120000/4.5	13.83	21	26000
OUCO-6000-6	600	140000/4.5	13.83	14.5	55000



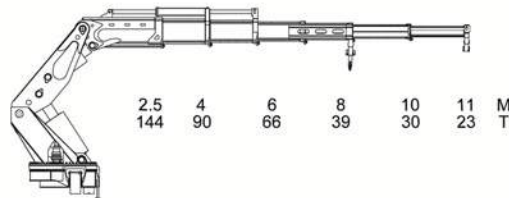
OUCO 1400-4



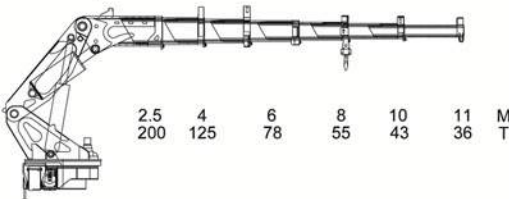
OUCO 2400-6



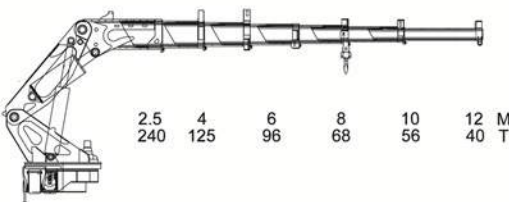
OUCO 3600-6



OUCO 5000-6

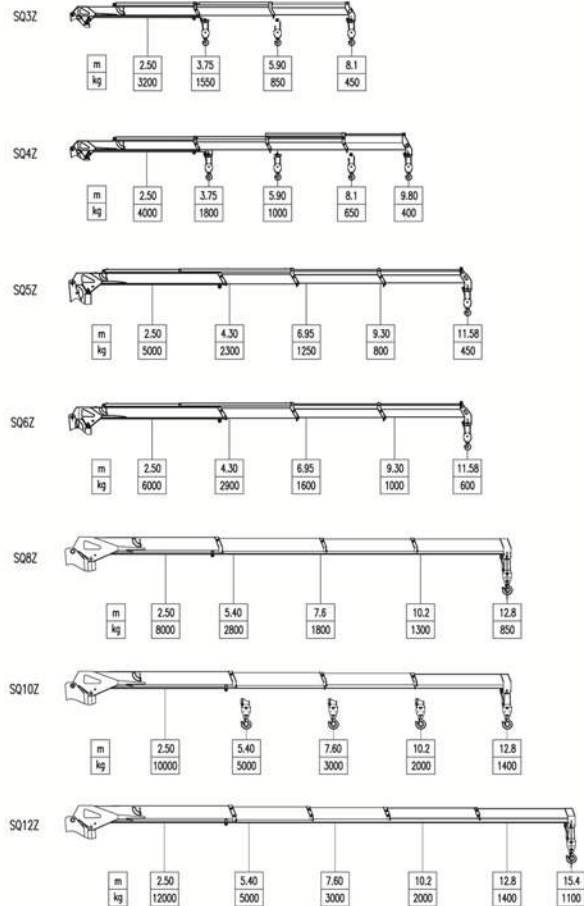


OUCO 6000-6



Telescopic Boom Truck Crane

Model	Max.Lifting Moment(T.M)	Max.Lifting Capacity(kg/m)	Max.Working Radius(m)	Max.Lifting Height(m)	Dead Weight(kg)
OUCO-SQ3Z	8	3200	8.1	9.1	1150
OUCO-SQ4Z	10	4000	9.8	10.8	1220
OUCO-SQ5Z	12.5	5000	11.6	12.6	1900
OUCO-SQ6Z	15	6000	11.6	12.6	2100
OUCO-SQ8Z	20	8000	12.8	13.8	3500
OUCO-SQ10Z	25	10000	12.8	13.8	4000
OUCO-SQ12Z	30	12000	15.4	16.4	4500



OUCO Vessel Seawater Desulfurization System

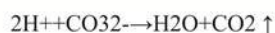
Seawater-method flue gas desulfurization system that uses seawater as an absorbent without using lime or other chemicals commonly used in conventional methods. Overseas, demand for flue gas desulfurization facilities is growing in line with increasing concerns over air pollution. Under these market circumstances, Seawater Flue Gas Desulfurization systems have been drawing keen attention, as these systems help to significantly reduce equipment & operation costs.

The chemistry of open loop mode:

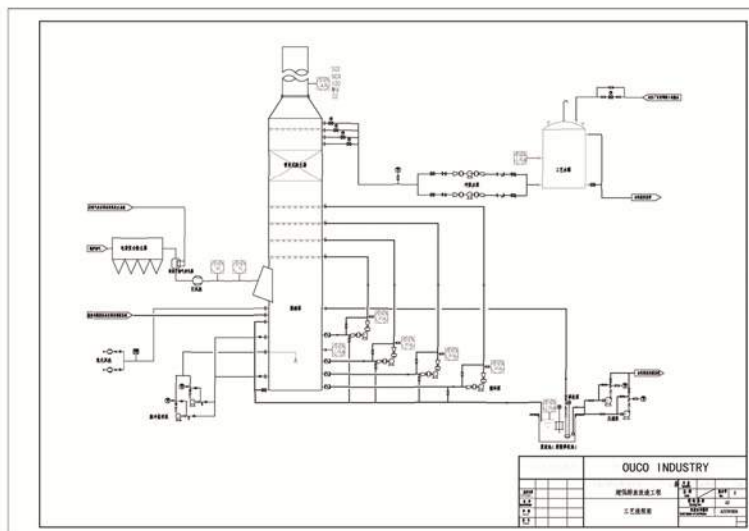
Absorption:



Neutralization:



Oxidation:



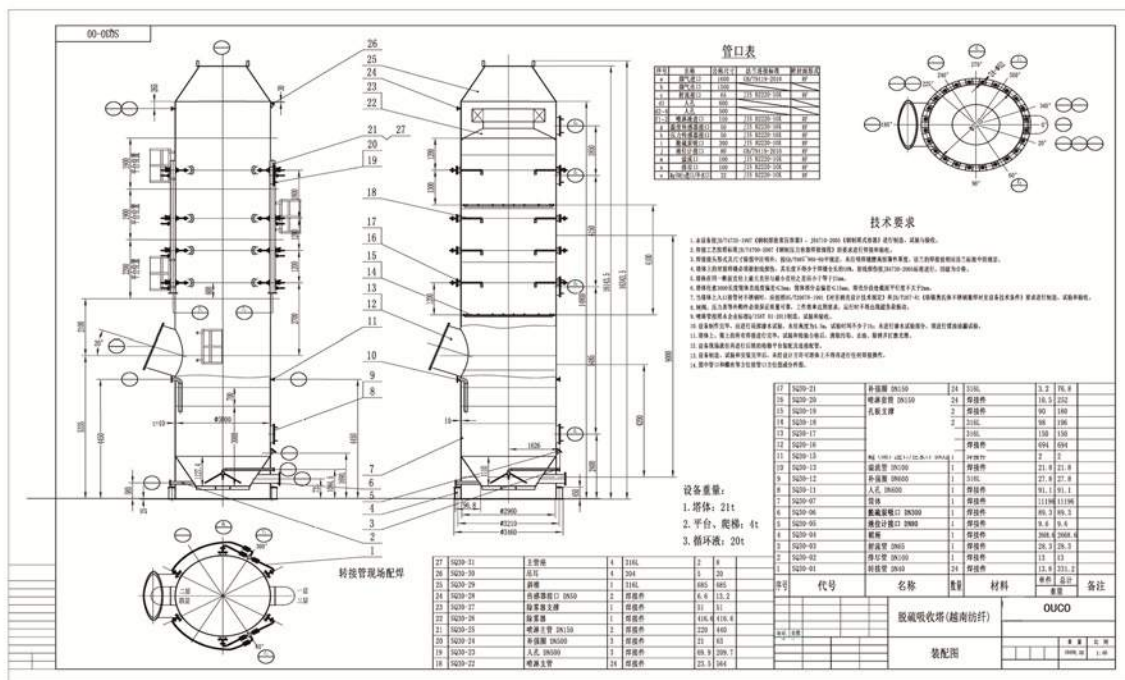
OUCO EGCS Type	Unit	OUCO DeSOx- 30- O/C/H	OUCO DeSOx- 60- O/C/H	OUCO DeSOx- 75- O/C/H	OUCO DeSOx- 90- O/C/H	OUCO DeSOx- 100- O/C/H	OUCO DeSOx- 120- O/C/H	OUCO DeSOx- 160- O/C/H	OUCO DeSOx- 180- O/C/H	OUCO DeSOx- 210- O/C/H	OUCO DeSOx- 300- O/C/H	OUCO DeSOx- 400- O/C/H	OUCO DeSOx- 470- O/C/H	OUCO DeSOx- 550- O/C/H	OUCO DeSOx- 630- O/C/H	OUCO DeSOx- 700- O/C/H
Total Engine Power	MW/h	4	8	10	12	13	15	20	23	27	38	50	60	70	80	90
Exhaust Gas Flow	Kg/h	31576	62846	76427	94859	102764	118574	20	181813	213433	300387	395247	474296	553345	632395	711444
Out Diameter	m	2	62846	3.1	3.4	3.6	3.8	4.4	4.7	5.1	6.1	7	7.6	8.2	8.8	9.4
Height Of EGCU	m	14	15	15.5	15.5	15.5	16	16	16	16	17	17	18	19.5	20	20
Weight Of EGCU	T	12.1	15.4	16.7	17.9	18.5	19.6	22	23.3	25	29	32.8	35.6	38.3	40.8	43.2
Max Power Load (for open loop mode)	KW	100	168	202	236	253	287	371	422	490	676	881	1050	1220	1389	1560
Scrubber Efficiency		>98% (Compliance with MARPOL/ MEPC requirements)														
MaxTemp. Inlet	°C	450														
Back Pressure	Pa	<1000														
Run dry (Yes/No)		Yes														



OUCO Industrial Desulfurization System

The equipment aims to provide high desulfurization efficiency, a high degreasing rate, a good dust removal effect, and a wide range of requirements for the flue gas temperature range, in particular, the low temperature does not affect the dust removal, desulfurization indexes, and is beneficial for reducing smoke. The high-efficiency dust removal desulfurization equipment has the features of: high temperature, high thermal efficiency and low operating cost.

Unlike existing wet desulfurization techniques, it utilizes perturbation plus spray. The advanced mechanism of the super mass transfer field improves the specific surface area of the liquid, thereby improving the efficiency of dust removal, desulfurization. It adopts cyclone dust removal and cooperates with Laxi ring to disturb the desulfurization function. It has stronger adaptability to soot. The dust, sulfur and nitrate are treated without considering the original content. The initial dust removal is performed by mechanical cyclone dust removal. The smoke temperature requirements are more relaxed, leaving plenty of room for the boiler to reduce the exhaust gas temperature and increase the thermal efficiency.





Electro-hydraulic
Clamshell Grab



Electro-hydraulic
Peel Grab



Remote Control
Grab



Mechanical Peel
Grab



Mechanical Clamshell
Grab



Dredging Grab



Scissor Grab



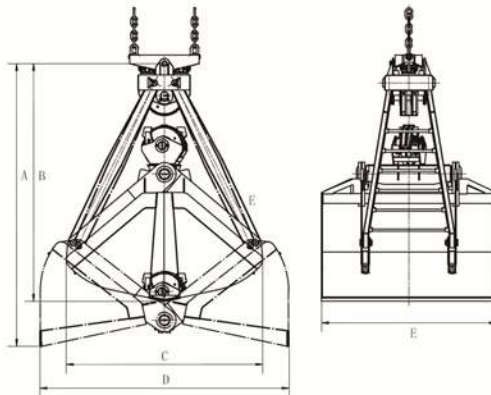
Wood Grab



Excavator Hydraulic
Peel Grab

OUCO Mechanical Clamshell Grab

The four-rope clamshell grab is an effective tool for loading and unloading bulk cargoes such as yellow sand, coal, mineral powder, cement, and bulk chemical fertilizers under various harsh environments. Grab adopts three-dimensional virtual design and uses ANSYS for strength verification and analysis. The weight distribution is more reasonable and the service life is longer. After years of accumulation, our company has formed a series of hundreds of types of grabs ranging from 1t to 100t, which is the first in the same industry in China. Grabs are suitable for loading and unloading all kinds of bulk cargo with double-reel cranes and can be applied to cranes with various pulley arrangements. There are often six types according to the arrangement of the pulleys and the connection to the crane.

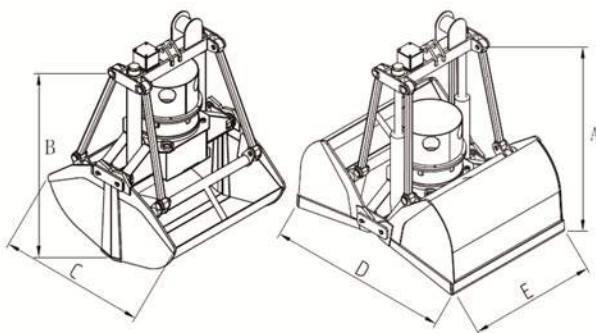


SWL (t)		6.3	8	10	12.5	16	20	25
Dead weight (Kg)	4 times	2300	2800	3440	4500	5600	7360	8800
	5 times rate	2460	2880	3600	4660	5760	7520	9000
Capacity (m3)	4 times	2.5	3.2	4	5	6.5	7.9	10.1
	5 times rate	2.4	3.2	4	4.9	6.4	7.8	10
Pulley	diameter mm	355	400	450	500	560	630	630
	diameter mm	18	20	22	24	26	28	32
Wire Rope	length m	4 times	11.5	12.8	13.8	15	16.5	17.8
		5 times	14	15.5	16.8	18.5	20.5	21.8
	stroke mm	4 times	5940	6600	7100	7680	8520	8920
		5 times	7425	8250	8875	9600	10650	11150
Dimension(mm)	A	3080	3430	3700	4010	4380	4770	4990
	B	2600	2900	3100	3350	3640	4020	4120
	C	2220	2410	2610	2850	3070	3270	3530
	D	2540	2760	2950	3160	3450	3680	3910
	E	1800	1930	2070	2220	2420	2580	2730

OUCO Electro-hydraulic Clamshell Grab



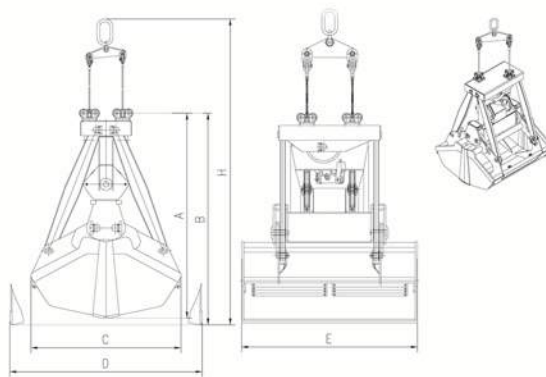
Electro-hydraulic Clamshell Grabs are suitable for grabbing powdered and granular bulk materials (such as coal, coke, ore, yellow sand, etc.) and are suitable for ports, docks and other occasions. Its advanced system design, combined with imported hydraulic components, makes its performance safe, stable, long life and low maintenance. All hydraulic parts of our company are imported German original products with reliable performance.



Model	Power		Dead weight	Total lifting weight	Capacity	Maximum Working Pressure	Closing Time		Overall Dimensions(mm)				
	380V 50Hz	440V 60Hz					380V50Hz	440V60Hz	A	B	C	D	E
OUCO-EH-100	15	18	2870	5.3	3	180	11	9	2650	2440	2020	2750	2300
OUCO-EH-200			3020	6.3	4	180	13	11	2800	2570	2140	2880	2300
OUCO-EH-300	18.5	22	3670	7.7	5	180	13	11	2980	2740	2300	3080	2500
OUCO-EH-400			3980	8.8	6	180	18	15	3100	2780	2470	3260	2500
OUCO-EH-500	22	26	4720	10.4	7	180	18	15	3190	2880	2540	3340	2700
OUCO-EH-600			5460	11.9	8	200	18	15	3660	3030	2620	3460	2900
OUCO-EH-700	30	35	6740	14	9	200	18	15	3660	3260	2760	3710	2940
OUCO-EH-800			7120	15.2	10	200	18	15	3720	3260	2760	3710	3200
OUCO-EH-900			7520	16.4	11	200	18	15	3920	3280	2860	3890	3200
OUCO-EH-1000	37	44	9060	18.7	12	200	19	16	4030	3590	2960	3910	3500
OUCO-EH-1100			9560	20	13	200	19	16	4090	3620	3050	4010	3500
OUCO-EH-1200			10060	21.3	14	200	19	16	4190	3640	3120	4180	3500
OUCO-EH-1300	45	54	11080	23.1	15	220	19	16	4370	3720	3220	4220	3800
OUCO-EH-1400			11680	24.5	16	220	19	16	4470	4050	3310	4240	3800
OUCO-EH-1500			12820	27.2	18	220	19	16	4600	4120	3400	4390	4000
OUCO-EH-1600	55	66	15980	32	20	220	21	19	4850	4190	3480	4670	4000
OUCO-EH-1700			16860	35.3	23	220	21	19	4850	4430	3590	4860	4150
OUCO-EH-1800			17780	37.8	25	220	21	19	4850	4430	3590	4830	4500

OUCO Wireless Remote Control Grab

The wireless remote control grab is a kind of bulk grab that can be applied to the single cable grab in the air. It is usually used with a single-hook crane, which solves the difficulty of traditional single cable grabs with low working efficiency and large operation intensity. For single-hook type cranes and ship cranes, its work is reliable and easy to operate. It not only has the characteristics of simple structure and reliable use of the rope grab, but also has the characteristics of high production efficiency of the power grab. It is widely used in ships, ports, stations, factories, mines and other industries. It is an ideal tool for handling bulk cargoes such as coal, mineral powder, bulk chemical fertilizers, and yellow sand. The wireless remote control grab can work under harsh environment such as high temperature, cold, dust, rain, etc. and its performance is not affected. The remote control distance can reach more than 100 meters. The grab uses high-performance battery. After each charge, the grab can be Continuous operation for more than 100 hours. Connection to the crane: The balancer of the grab can be used directly on the hook of the crane.



Model	Total lifting weight	Dead weight	Capacity	Wire Diameter	Pulley	Magnification	Overall Dimensions(mm)				
							A	B	C	D	E
OUCO-WR-100	10	5000	5	24	520	3	3635	3398	2430	3159	2450
OUCO-WR-200			6	28	520	3	3720	3483	2500	3250	2700
OUCO-WR-300			8	28	520	3	4008	3796	2600	3605	3000
OUCO-WR-400	20	8000	9	36	650	3	4159	3960	3000	3753	3200
OUCO-WR-500			10	40	810	3	4596	4305	3300	3805	3200
OUCO-WR-600			3.3-5.0	24	520	3	3635	3398	2430	3159	2450
OUCO-WR-700	16	7000	5.0-8.0	28	520	3	4008	3796	2600	3605	3000
OUCO-WR-800			6.0-10.0	28	520	3	4325	4268	2877	3957	3000
OUCO-WR-900			6.0-12.0	36	650	3	4110	3972	3030	3866	3500
OUCO-WR-1000			8.0-14.0	36	650	3	4110	3972	3030	3866	3800
OUCO-WR-1100	28	10500	13.0-20.0	40	810	3	5033	4896	3520	4636	4000

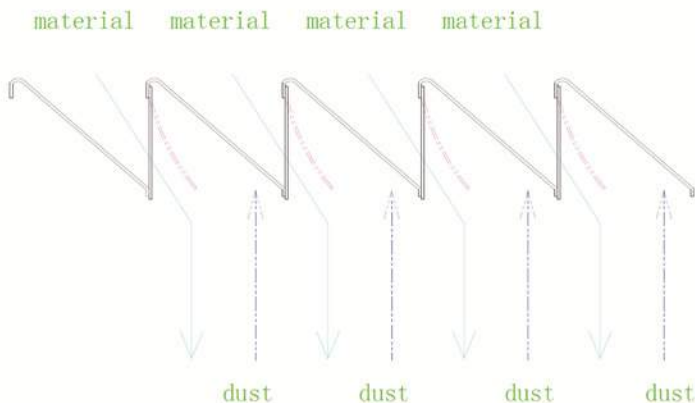


- Suitable for discharge by ship mounted or shoreside grab cranes
- Robust design ideally suited to cope with the tough conditions encountered in ports.

Flex-Flap System

This is a simple mechanical system that has angled steel plates and vertically hanging rubber flaps. The system works as follows...

- ◆ Product dropped from Grab, passes through a grid by opening or pushing aside the vertical flaps and flowing over the angled plates.
- ◆ Once product has passed through, the flaps fall back into their closed position.
- ◆ The displaced air volume within the hopper tries to escape, bringing with it dust, but once it reaches the flex-flap system the grid is sealed and so works as a non-return valve



Bag Filter Eco Hopper

Bag Filter Eco Dust Control Hopper is an economical, environmentally friendly dust discharger hopper, suitable for handling a variety of dry bulk materials. Such as gypsum, cement clinker, limestones and so on. Eco dust hopper equipped with a simple and effective dust-proof system to minimize dust flying during grab operating.

We also provide customized engineering solutions that ensure the best performance meets the customer's specific application requirements. For materials that are difficult to handle, such as bauxite, we can offer a unique hopper design. Hopper can be designed to be directly discharged onto the conveyor belt or unloaded to the truck, determined by the customer.

Rail Type Mobile Eco Hopper

Rail mounted installations can be built to suit existing rail systems and the bogie system can be designed to suit the load bearing of the rail in question. The rail width can be suggested to the client if a new installation is being realized.



Self-Propelled Mobile Eco Hopper

Self-Propelled hoppers come with an efficient engine to power the hopper's drive and operation, including dust aspiration filters and other optional features.



OUCO Cyclone Eco Hopper

The Cyclone Eco Hopper, a dust controlled grab unloading hopper is an economical and ecologically sensitive solution fulfilling all needs for the efficient import of dry bulk cargoes.

The dust removal mechanism is to make the dust-containing airflow rotate, and the dust particles are separated from the airflow by the centrifugal force and trapped on the wall, and then the dust particles fall into the collecting bag by gravity.

The Cyclone Eco Hopper is specially suitable for bigger size of materials, such as wood pellets, which is a new trend for the power plant to generate electricity as clean energy.



Wheel-mounted with towing system



90t Eco Hopper can be mobile by 2t forklift truck with towing system, no extra power needed.

Discharge to truck



By using a dust controlled loading spout the hopper may discharge directly to tipping trucks where material is to be moved directly of the port to a remote location.

Discharge to Conveyor



OUCO Shipping the Whole Set of Eco Hopper to the Vessel



OUCO has rich experience to ship the Eco Hoppers in whole set to save months of installation time at User's working site, it only takes 3~5 days for the commissioning at User's working site by OUCO professional service engineers.