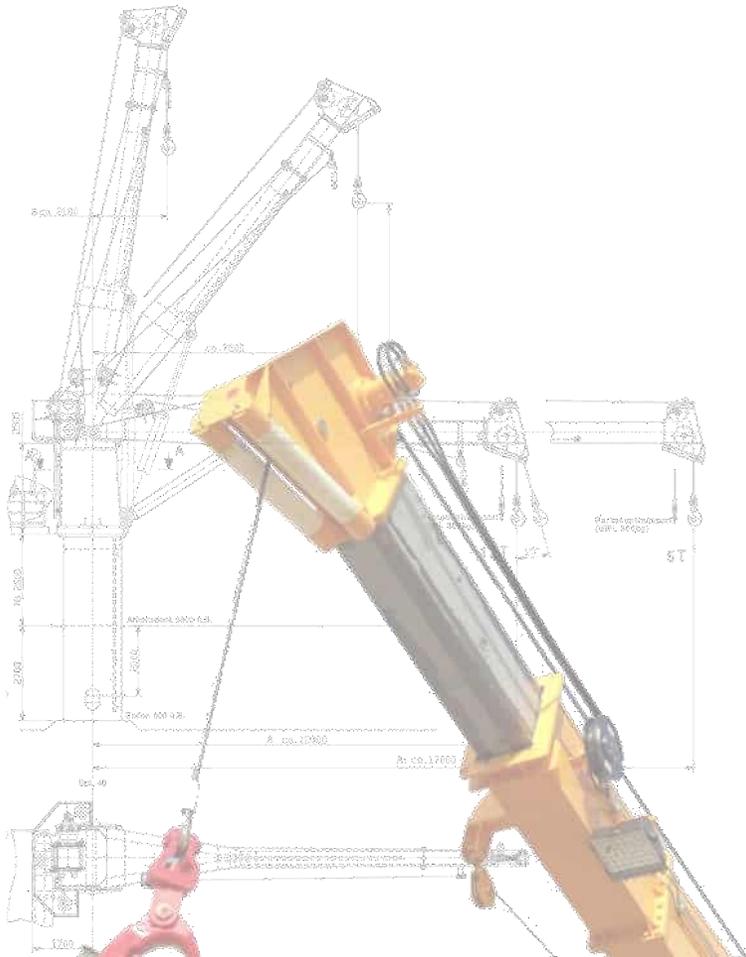


Crane for the Sea



YF-LINTEC Marine Pte Ltd



HMB
LINTECmarine

Company & Products Introduction

YF-Lintec Marine Pte Ltd

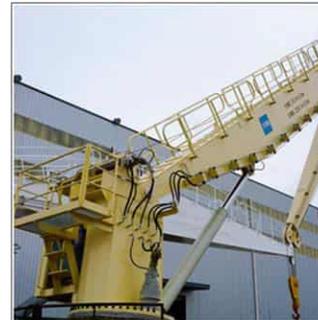


Who
we are

Products



Facilities



References





Nautilus
MARINE SERVICE GmbH



- LINTEC marine Established in 1983
- In House Design Department with design team from world leading marine crane company
- Worldwide service network
- YFM (Jiangsu Yuanfeng Machinery Co Ltd) was set up in 2017 for TTS cranes production.
- With design team from world leading marine crane company
- YFM and Lintec set up YF-Lintec promoting marine crane and offshore crane in 2023.



Business Segments - Newbuild



Marine Crane

- Cargo Cranes
 - Cylinder luffing
 - Wire luffing
- Hose Handling Cranes



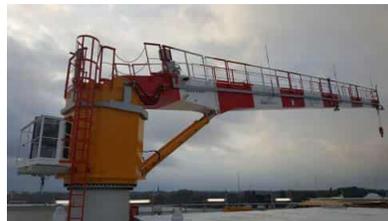
Mining Crane

- Maintenance / Service cranes up to 160t SWL
- Conveyor take-up winches



Offshore Crane

- Offshore cranes
 - Stiff boom
 - Knuckle boom
 - Telescopic boom
- Overhead trolley crane



Cruise Crane

- Container Overhead Crane
- Service and Provision Overhead Crane
- A Frame

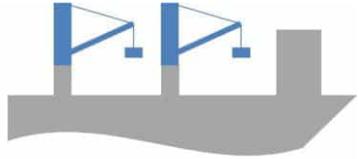


Naval Crane

- Naval cranes
 - Stiff boom
 - Knuckle Boom
 - Telescopic boom
- RAS (Replenishment at sea)



MARINE products



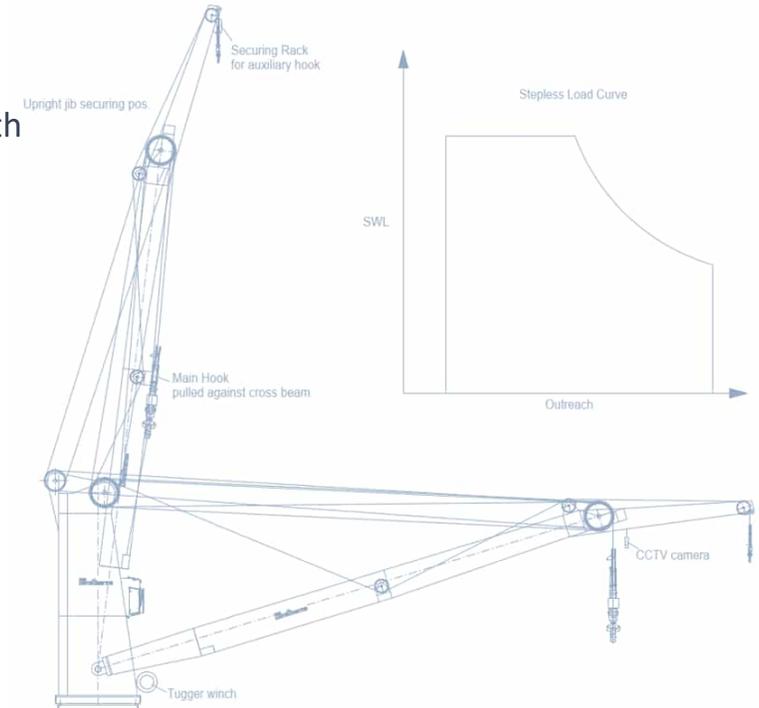
Wire Luffing Cargo Crane

Our wire luffing cargo crane is ideal for cargo operations of BC, Container, MPV and Heavy Lift vessel, with a lifting capacity of up to 450 t SWL

- The crane's wire luffing system allows for efficient and precise load handling, even in tight spaces
- Weather protected machinery located inside the crane house
- Crane design according to all recognised classification societies

Crane Type	Max. Lifting Capacity (ton)	Max. Lifting Moment (ton*m)	Crane Diameter (m)	Jib Length (m)	Crane Weight (ton)
BC3030/3630	30/36		3,2	30	
BC4542	45		2,8/3,0	42	
BC5028	50		3,2	28.2	
BC 6030 R	60	1250	2,8	30	50
BC 12032R	120	2000	3,7	32	90
BC 18032 R	180	2500	3,8	32	110
BC 25032 HR	250	4500	4,1	32	160
BC 35032 HR	350	5000	4,3	32	200
BC 45032 HR	450	7500	5,0	32	260

Lifting data and jib length can be customized to specific requirements



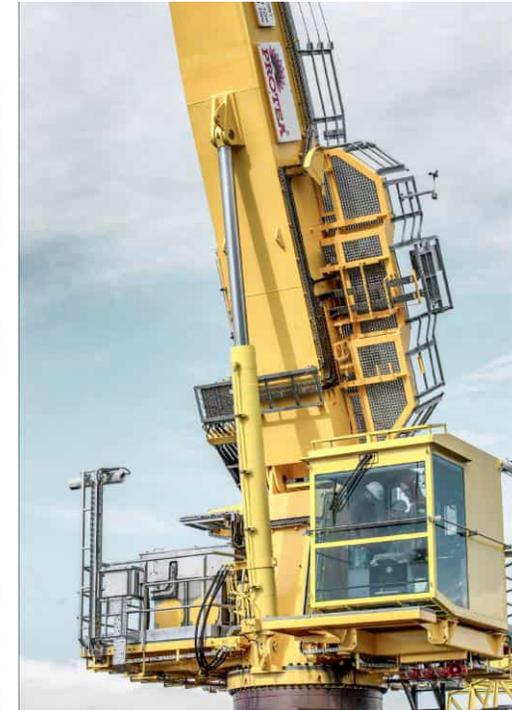
MARINE products



Cylinder Luffing Crane

Comparing with wire luffing crane, cylinder luffing crane has improved view area, compact design and lighter weight, with lifting capacity up to SWL450t.

- Crane design according to all recognised classification societies
 - Maximum hoisting / luffing and slewing speeds based on actual crane load
 - Lifting data and jib length can be customized to specific requirements
-
- Cylinder luffing crane can be used for simple application with simple mechanical/hydraulic design, such as hose handling crane, provision handling crane, service crane etc.
-
- Cylinder luffing crane can be designed with advanced technology and PLC control for complicated and precise cargo handling, such as container handling, cargo handling for MPV etc.



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Knuckle boom and telescope boom Crane

The telescopic boom cranes are based on a more compact design with hydraulic cylinder luffing. It allows a more flexible and wider operational radius in use and leaves the crane stored in a compact position.

The advantages of Knuckle boom and telescopic boom cranes are low weight and less complex design making them maintenance-friendly.

The cranes are supplied according to customer requirements and numerous optional features.



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OFFSHORE products



Offshore Cranes for Safe and Efficient Operations

- Our range of cranes are designed to meet the demands of offshore operations
- Our offshore cranes are engineered to handle heavy loads up to 500t SWL with precision and speed
- Designed for harsh offshore environments, our cranes are corrosion-resistant and reliable
- From platform supply vessels to drilling rigs, our cranes can be tailored to your specific requirements
- Our cranes are equipped with advanced safety features, including anti-sway and overload protection, to ensure safe operations
- With easy maintenance and low operating costs, our cranes offer a cost-effective solution for your offshore operations

Whether you need a crane for offshore construction, maintenance or supply, our range of cranes are built to meet the toughest demands of offshore operations. Contact us to learn more about how our cranes can benefit your business.

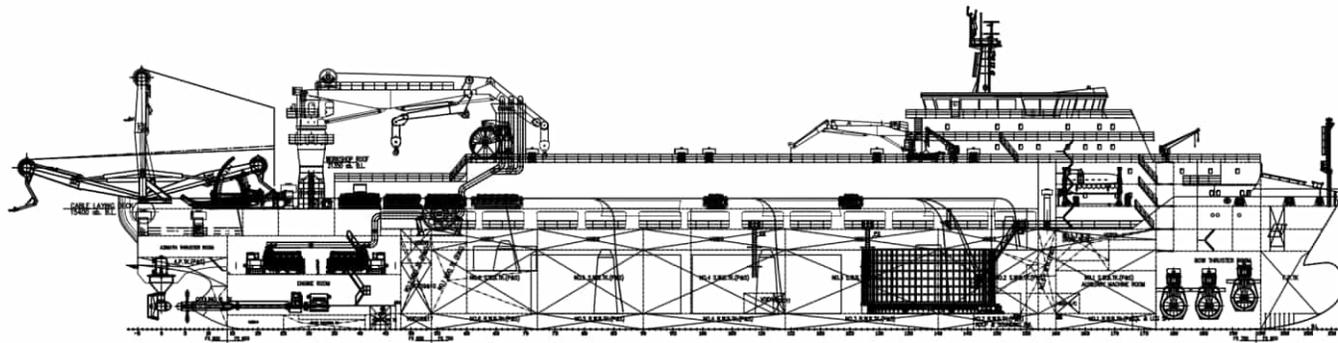
All offshore cranes are custom design acc. to your specification.

Options:

- Pedestal adapter
- ATEX Zone 1 and 2
- CE-certification / DIN 13852-1 / DIN 13852-3 / DNVGL-ST-0378.
- Walkway on complete jib and platform for rope sheave inspection at jib head
- Personnel transport function
- Diesel-hydraulic drive
- Data logging
- Remote Access / Maintenance
- Central lubrication
- Constant Tension (CT)
- Heave Compensation (AHC and PHC)
- Overload protection system (AOPS and MOPS)
- CCTV camera system
- Small maintenance crane
- Spare parts packages



OFFSHORE References



CRUISE products



HMB lintec **overhead trolley cranes** can be installed on a wide variety of cruise vessels, expedition vessels and ferries.

The overhead trolley crane has a robust design which results in high reliability and long lifetime / easy maintenance. The overhead cranes are available as single or double girder type with one or two trolleys. Each crane can be specially configured to meet the specific needs of each client or project.

Standard features:

- SWL up to 20t
- Designed for harsh environmental condition (high in salinity)

Options:

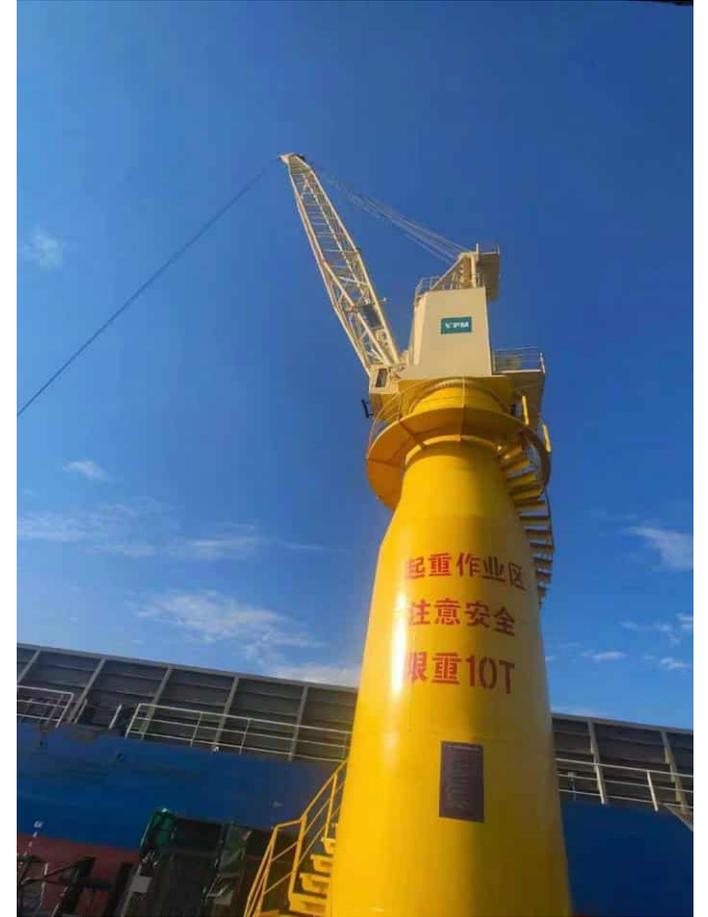
- ATEX Zone 1 and 2
- Telescopic type
- Flat design for limited installation space



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Other Marine products

We provide wide range marine crane products, such as Mono Rail Crane, Hatch Cover Crane and Floating Dock Crane etc.



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NAVAL products



The **RAS** reception system provides as the moveable highpoint at the receiver vessel for the tensioned steel wire ropes used during the replenishment at sea (RAS) operations.

By raising and lowering the movable highpoint unit allows safe and convenient loading and unloading of cargo or handling of liquid transfer equipment according to NATO standard – STANAG 1065 Replenishment at sea – ATP-16. The robust and reliable HMB-design is used on different NATO fleet vessels.

Options:

- RAS Reception moveable highpoint
- Supplied in accordance with NATO standard – STANAG 1065 Replenishment at sea – ATP-16
- Designed for harsh environmental condition (high in salinity and heavy sea states)
- Portable wired remote control
- Design to shock resistant acc. BV0230 - Class B – Non-vital functional chain
- All-electric high-performance drive
- Fail save design
- Design and product fully validated by nominated marine classification society (third part validation)



Provision and Boat Handling Crane

Knuckle Boom and Telescope

Passive Wave Compensation and PLH

SWL Boat Handling: 8.0t - 23.0m

SWL Cargo Handling: 15.0t - 16.0m

Provision Crane for Frigate type **MEKO A-200** with telescopic boom

SWL 2.5t – 6.5m



MINING products



Mining cranes are used as maintenance cranes for various open pit mining areas, mainly for crushing plants. The cranes are adapted to the specific climatic, geological and technical conditions.

The closed design concept of the HMB Lintec mining crane protects all units from dust, especially the control cabinet. Pump motors and cooling circuit are in the closed crane housing with air cooling, dust filter system and waterproof cover. Piston rods, luffing cylinder shafts and axles, boom bearings and sheaves are manufactured from stainless steel and housed in bronze bushings to ensure functionality and serviceability and to provide protection from the harsh environment.

Crane Type	Outreach (m)	Lifting Capacity (t)	Reeving	Aux. Hoist Outreach (m)	Aux. Lifting Capacity (t)	
SBM 20	10-12-14	20	2-Fall	-	-	-
SBM 40	10-12-14	40	2-Fall	-	-	-
SBM 60	10-12-14	60	2-Fall	12-16	10*	1-Fall
SBM 80	10-12-14	80	4-Fall	12-16	10*	1-Fall
SBM 100	10-12-14	100	4-Fall	12-16	20*	2-Fall
SBM 120	10-12-14	120	4-Fall	12-16*	20	2-Fall
SBM 140	10-12-14	140	6-Fall	12-16*	20	2-Fall
SBM 160	10-12-14	160	6-Fall	12-16*	20	2-Fall



Special requirements regarding designs and crane size are always welcome and will be handled by our qualified crane engineering department.