MASADA

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MASADA

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江苏政田—三菱
MASADA-MITSUBISHI

船用起重机 锚绞机 舵机
DECK CRANE DECK MACHINERY STEERING GEAR

江苏政田重工股份有限公司
Jiangsu Masada Heavy Industries Co., Ltd.

COMPANY PROFILE
企业简介

江苏政田重工股份有限公司创建于2005年，地处江苏省南通市港闸经济开发区，占地面积约233000平方米，是日本三菱重工集团在中国唯一授权生产船用起重机（克令吊）、锚绞机、舵机、油管吊、液压马达、液压泵等船舶设备的中外合资企业，是中国能够整体打包提供船舶甲板配套设备的专业服务商。

公司全面引进三菱重工集团先进技术及精益生产管理模式，建立健全了较稳定的运营体系和质量管理体系，通过了ISO-9001和ISO-3834质量体系管理认证，获得法国BV船级社工厂认证、DNV船级社工厂认证和全球各大船级社产品认证证书，成功跻入全球知名船舶配套品牌设备前列。

Jiangsu Masada Heavy Industries Co.,Ltd which is established in 2005 located in Gangzha economic development zone in Nantong, Jiangsu province. The factory covers an area of more than 233000 square meters. As sole license in China for manufacturing Mitsubishi deck crane,deck machinery,steering gear,hose handling crane,hydraulic motor and hydraulic pump. Jiangsu Masada Heavy Industries Co.,Ltd is a joint venture enterprise and a specialized server company which can provide series marine deck equipment supporting equipment.

We have followed the advanced technology and manufacture management which come from MHI group. We have achieved with authentication of ISO-9001 and ISO-3834 ,BV factory certification, DNV factory certification and other worldwide ship class product certification, which make us stand in the forefront within the global named vessel supporting equipment.

CORPORATE CULTURE
企业文化

企业目标：生产世界一流的船舶设备，成为世界一流的船舶配套企业
Corporate Target:To manufacture frist-class marine equipment and become a world-renowned manufacturer
企业精神：努力实干 实现梦想
Corporate Spirit:Work hard and fulfill the dream
企业使命：为顾客创造价值，为企业创造未来
Corporate Mission:To create value for customer, to create future for corporation

与日本三菱重工集团社携手合作
为客户提供高品质的产品和优质的全球售后服务。
Provide customers with high-quality products
And excellent after-sales service worldwide in collaboration
With Japan Mitsubishi Heavy Industries Group

QUALITY MANAGEMENT | 品质管理

■ 江苏政田在三菱重工集团全面技术支持下，对江苏政田-三菱克令吊、锚绞机和舵机的设计，生产和质量控制进行品质管理。
Jiangsu Masada controls the product quality, under full technical supports from MHI group, for manufacturing, designing and quality control of Jiangsu Masada-Mitsubishi deck crane, deck machinery and steering gear.

三菱重工集团全面支持政田QA体统
MHI group full support to Masada QA system

政田QA系统
MASADA QA SYSTEM

设计Designing
↓
采购 Purchasing
↓
生产Manufacturing
↓
试机 Testing
↓
最终检查Final checking

■ 追求更好的品质，对于永久周期改善是非常重要的。根据PDCA(计划-做-检查-行动)开展每日例会，工厂指导，每月跟进会议。
For the better quality, permanent cycle of improvement is very important. Daily meeting, instruction at factory, monthly follow-up meeting are held as PDCA (Plan-Do-Check-Action) activity.

三菱现场指导
Instruction by Mitsubishi

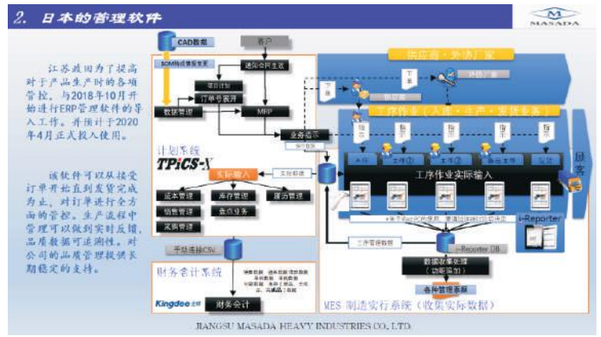
每日质量会议
Daily quality up meeting

月跟进会议
Monthly follow-up meeting

LATEST TECHNOLOGY AND NEW FACTORY | 最新技术和新工厂

■ 新工厂将于2020年完工。新工厂基于三菱经验和专有技术下设计并布置，并采用最新技术。在此新工厂，我们将高效率生产最好的产品。
New factory will be completed in 2020. This new factory is planned and arranged based on experience & know-how of Mitsubishi, and latest technologies are applied. With this new factory, we will manufacture best production with superior efficiency.

■ 数字化 Digitalization
为了追求更好更稳定的品质，引进了新数字化设施。
For the better and stable quality, new digital devices are introduced.



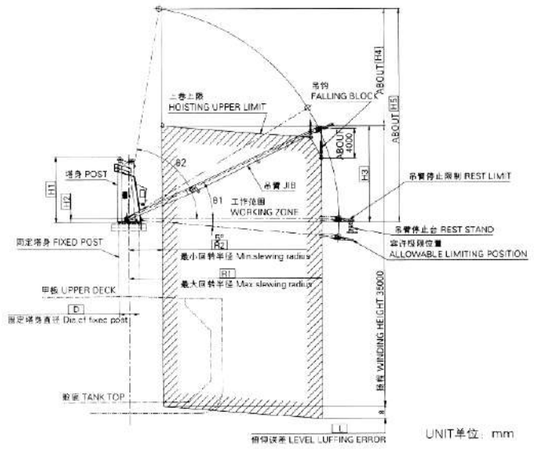
流程管理
PROCESS MANAGEMENT

检查表/手册
CHECKLIST / MANUAL

DECK CRANE 船用起重机

江苏政田—三菱 船用起重机
JIANGSU MASADA-MITSUBISHI DECK CRANE

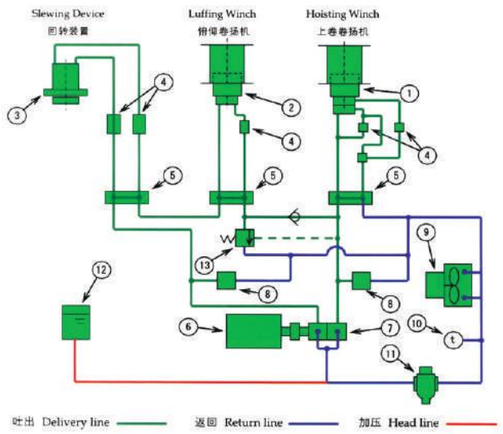
DIMENSION | 外形参数



UNIT 单位：mm

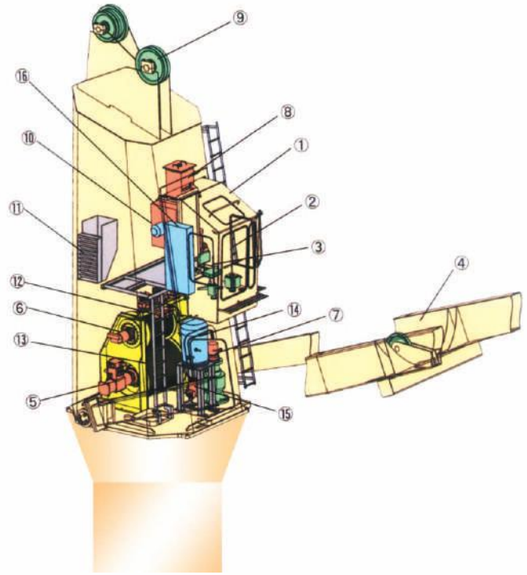
规格/TYPE	3022	3024	3026	3028	3030	3026	3028	3030
R1	22000	24000	26000	28000	30000	26000	28000	30000
R2	4000	4500	4500	5000	5000	4500	5000	5000
Θ1	25°	20°	20°	25°	25°	20°	20°	20°
Θ2	80°	80°	81°	81°	81°	81°	80°	81°
H1	8500	8500	8900	9250	9450	9100	9250	9600
H2	477	477	487	557	557	567	567	585
H3	8200	6900	7750	10820	11130	7630	10760	12000
H4	16300	18800	20150	20330	22270	20270	21000	20120
H5	24500	25700	27900	31150	33400	27900	31760	32120
L	1420	1650	1750	1160	560	1600	450	665
D	2665	2665	2665	2850	2850	2850	2850	2850

HYDRAULIC CIRCUIT DIAGRAM | 液压回路



No.	名称	Name
1	上卷用液压马达	OIL MOTOR FOR HOISTING WINCH
2	俯仰用液压马达	OIL MOTOR FOR LUFFING WINCH
3	回转用液压马达	OIL MOTOR FOR SLEWING DEVICE
4	反平衡阀	COUNTER BALANCE VALVE
5	控制阀	CONTROL VALVE
6	电动机	ELECTRIC MOTOR
7	油压泵	OIL PUMP
8	安全阀	RELIEF VALVE
9	油冷机	OIL COOLER
10	温控开关	THERMO SWITCH
11	过滤器	OIL FILTER
12	油箱	HEAD TANK
13	卸载阀（溢流阀）	UNLOADING VALVE

MAIN PARTS | 主要构造



1.驾驶室	1.Cabin
2.回转、俯仰用控制杆	2.Control lever for slewing and luffing
3.上卷用控制杆	3.Control lever for hoisting
4.吊臂	4.Jib
5.液压马达（上卷用）	5.Oil motor for hoisting winch
6.液压马达（俯仰用）	6.Oil motor for luffing winch
7.液压马达（回转用）	7.Oil motor for slewing device
8.油箱	8.Head tank
9.滑轮	9.Sheave
10.油冷机	10.Oil cooler
11.通风口	11.Air duct
12.俯仰卷扬机	12.Luffing winch
13.上卷卷扬机	13.Hoisting winch
14.电动机	14.Electric motor
15.液压泵	15.Oil pump
16.控制面板	16.Control panel

江苏政田—三菱 船用起重机
JIANGSU MASADA-MITSUBISHI DECK CRANE

FEATURES | 特 征

■ 可靠性高 High Reliability

1.机械制动系统+液压制动系统双保险，即使在液压马达或泵有最坏情形发生时，除了机械系统制动之外，反平衡液压阀发挥作用，控制并停止起吊动作，保证货物不会掉落。
Mechanical brake system+ hydraulic brake system.
In addition to the mechanical brake system, hydraulic valve block is also used for security. Even when the worst happens to hydraulic motor or pump, the goods will not fall through the function of counter-balance valve.

2.机械连杆系统易操作、易维护、安全可靠
Mechanical linkage system simple and trouble-free, used in the operation and maintenance.

3.塔身顶部、吊臂中间、吊臂前端，三点钢丝绳有效控制吊臂振动，确保起重机稳定。
The top of the tower, the jib center and the front end of jib, these three positions support the luffing rope. Vibration of the jib is controlled within the minimum range, so the crane has a good stability.

■ 易于维护 Easy to Maintain

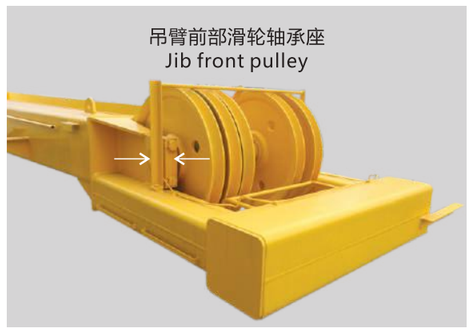
1.液压系统简单
Simple hydraulic system

2.主要的设备位于起重机较低位置
Major equipment on the crane at the lower position

3.所有滑轮均由轴承座固定，轴承座分为两部分，靠螺栓拧紧，便于拆装更换磨损滑轮。
All pulleys are fixed by bearing seat which is divided into two parts and can be fastened by bolts. Damaged pulleys can be removed and replaced easily.

■ 速度特性 Hoisting Speed Characteristic Curve

负载量不等时，自动调节起吊速度快慢
Adjusting the hoisting speed under different load automatically



■ 装卸周期精准、迅速 DUTY CYCLE OF CARGO HANDLING

NEW TECHNOLOGY & CUSTOMIZATION | 新技术与定制

■ 数据记录（数据记录标准/数据记录改进）DATA LOGGING (Data logging standard / Data logging advance)

通过PCL系统（可编程逻辑控制器），克令吊动作和性能能迅速精确记录和评估。
With PLC (programmable logic controller) system, deck crane's motion and performance can be recorded and assessed quickly and precisely.

数据记录标准
DATA LOGGING STANDARD

数据记录改进
DATA LOGGING ADVANCE

可 选
OPTION

- 计时器（起升、俯仰、回转）
  Running hour (hoisting/luffing/slewing)
- 操作模式（吊钩/抓斗模式）
  Operation mode (hook or grab mode)
- 启动安全装置（限位开关）
  Activation of safety devices (limit switch)
- 油压测量
  Oil pressure measurement
- 速度测量
  Speed measurement
- 自检程序
  SELF-TEST MODE

■ 定制稳定操作 CUSTOMIZATION FOR STABLE OPERATION

根据积累经验和技术诀窍，我们准备了个性化菜单，所谓智能升级。
Based on accumulated experience and technical know-how, we prepared customize menu called SMART UP-GRADE.

A 驾驶室压力指示器 Pressure indicator in cabin
便于检验性能 For easy check of performance

B 高循环配置 "控制阀" High cycle corresponding "control valve"
应对频繁上下动作的高持续时间
High duration against frequent up & down motion

C 脱机系统滤器 OFF-LINE Filter
由纯系统油的纯驱动
For pure drive by pure system oil

D 检测摄像头 Monitoring camera
监测操作人员的操作 To check operation by operator

江苏政田—三菱 船用起重机
JIANGSU MASADA-MITSUBISHI DECK CRANE

Main Specification and Parameter | 主要产品规格和技术参数

■液压克令吊（标准型）Hydraulic deck crane (Standard speed)

规格 Type	Hoisting load t	Working radius		Winding height(m)	Hoisting speed		Lowering speed m/min	Luffing speed sec	Slewing speed rpm	Electric motor		Total weight KG
		Max(m)	Min(m)		Load(t)	Speed m/min				Cont(KW)	Intermittent Ed15%(KW)	
3022	30	22	4	35	30/12/5	18.5/37/63	63	41	0.75	105	240	35
3024	30	24	4.5	35	30/12/5	18.5/37/63	63	48	0.7	105	240	36
3026	30	26	4.5	35	30/12/5	18.5/37/63	63	49	0.6	105	240	40
3028	30	28	5	35	30/12/5	18.5/37/63	63	50	0.55	105	240	45
3030	30	30	5	35	30/12/5	18.5/37/63	63	52	0.5	105	240	48
3626	36	26	4.5	35	36/14/5	16/32/55	55	54	0.6	105	240	45
3628	36	28	5	35	36/14/5	16/32/55	55	55	0.55	105	240	47
3630	36	30	5	35	36/14/5	16/32/55	55	58	0.45	105	240	50

■液压克令吊（高速型）Hydraulic deck crane (High speed)

规格 Type	Hoisting load t	Working radius		Winding height(m)	Hoisting speed		Lowering speed m/min	Luffing speed sec	Slewing speed rpm	Electric motor		Total weight KG
		Max(m)	Min(m)		Load(t)	Speed m/min				Cont(KW)	Intermittent Ed15%(KW)	
3022	30	22	4	35	30/12/5	25/50/63	63	41	0.75	132	320	35
3024	30	24	4.5	35	30/12/5	25/50/63	63	48	0.7	132	320	36
3026	30	26	4.5	35	30/12/5	25/50/63	63	49	0.6	132	320	40
3028	30	28	5	35	30/12/5	25/50/63	63	50	0.55	132	320	45
3030	30	30	5	35	30/12/5	25/50/63	63	52	0.5	132	320	48
3626	36	26	4.5	35	36/14/5	22/44/55	55	54	0.6	132	320	45
3628	36	28	5	35	36/14/5	22/44/55	55	55	0.55	132	320	47
3630	36	30	5	35	36/14/5	22/44/55	55	58	0.45	132	320	50

■电动克令吊Electric deck crane

规格 Type	Hoisting load t	Working radius		Winding height(m)	Load(t)	Hoisting speed m/min	Lowering speed m/min	Slewing speed rpm	Electric motor			Total weight KG
		Max(m)	Min(m)						Hoisting (KW)	Luffing (KW)	Slewing (KW)	
3630	36	30	5	35	36 12	23 45	54 67	0.6 0.8	100	55	75	55

36T30M变频电动克令吊，船东Lemissoler在新时代船厂首制船
36T30M VFD DECK CRANE, THE LEADING SHIP BUIDLING IN NEW TIMES SHIPYARD FOR SHIPOWNER LEMISSOLER

■ 高效 SUPERIOR EFFICIENCY

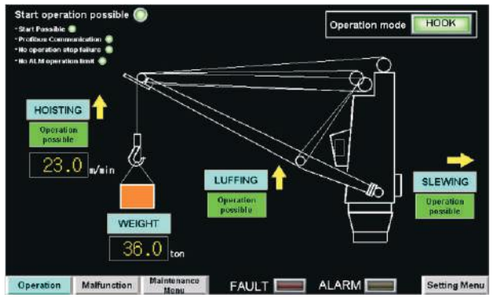
采用新VFD(变频驱动)系统和高效率电机/变频器，并且多余电力可以再生。
这个最新的系统可以减少能源消耗，与电动液压克令吊相比，节省能源40%。

Latest VFD (Variable Frequency Drive) system & high-efficiency motor / inverter are applied, and excess electric power can be regenerated.Energy consumption can be reduced by this latest system*.
* 40% less energy compare with electro-hydraulic deck crane.

■ 可靠性高，维修方便 HIGH RELIABILITY & EASY MAINTENANCE

与电动液压式克令吊相同，主要组件位于基础层，方便进入和维护。
另外，驱动单元(电机、减速机等)是非常简单的结构，实现更高可靠性。

As same as electro-hydraulic deck crane, main components are located on base floor for easy access & maintenance.
In addition, structure of drive unit (motor,reduction gear, etc.) is very simple which achieved higher reliability.



■ 人性化/方便访问 USER-FRIENDLY / EASY ACCESS FOR CONDITION

用户可以通过“触摸传感式显示屏”来访问日志数据。
所有必要的数据都可以显示在显示器上，方便用户掌握克令吊的状态，当出现故障时，用户能快速查找故障原因。

User can access to logging data with “touch sensor type display”.
All necessary data can be shown on the display which helps users to grasp condition of deck crane easily, and in case of trouble, user can access cause of trouble quickly.

STIFF BOOM CRANES/Range from 100 up to 9000KNM | 固定臂吊机/范围从100至9000KNM

4T8.1M Hydraulic Crane


10T18M Hydraulic Crane

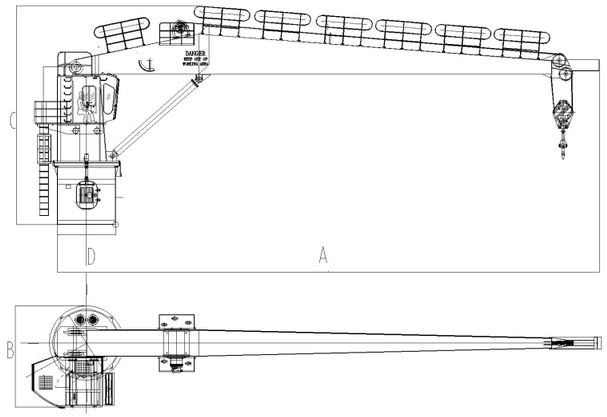
30T14M Hydraulic Crane


25T21.2M Hydraulic Crane

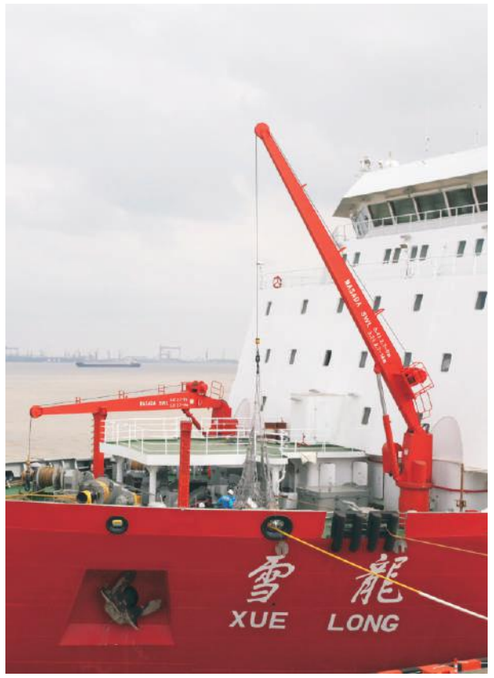

10T21M Hydraulic Crane

液压吊机主要产品规格和技术参数
Main specification and parameter for Hydraulic Crane

规格 Type	额定起重载荷 SWL(t)	最大幅度 (m)	起升速度 (m/min)	回转速度 (r/min)	电机功率 (KW)	倾覆力矩 (KN.m)	垂直力 (KN)	主要尺寸				吊机重量 Crane Weight (KG)
								长 A(mm)	宽B(mm)	高C(mm)	筒体直径D(mm)	
1T×10M	1	10	12	0.5	15	226	47	10350	2000	4100	700	3100
1T×12M	1	12	10	0.5	15	241	49	13000	2000	4200	1000	3500
1.5T×6M	1.5	6	15	0.5	11	223	43	6300	1300	4000	700	3100
2T×4M	2	4	18	0.5	15	310	55	5000	1500	3800	920	2700
2T×8.1M	2	8.1	10	0.5	15	300	70	9000	2600	4500	1080	4100
2T×10M	2	10	12	0.5	22	470	60	11500	2400	4700	1000	4350
2T×12.5M	2	12.5	10	0.6	22	513	64	13500	2500	5100	1000	5080
2T×15.5M	2	15.5	10	0.6	22	520	65	15500	2500	5100	1000	5980
3T×6M	3	6	10	0.6	22	350	64	7100	2000	4950	1000	4800
3T×7M	3	7	10	0.6	22	380	75	8100	2000	4950	1080	5100
3T×8M	3	8	15	0.5	22	410	81	9200	2100	4900	970	5100
3T×14M	3	14	12	0.5	22	620	91	15400	2500	5100	1400	6500
3.5T×12M	3.5	12	10	1	30	620	90	13000	2500	5100	1250	6500
4T×8.1M	4	8.1	10	0.5	22	450	85	9200	2200	4900	1080	5200
4T×15.5M	4	15.5	10	0.6	30	1500	183	17000	3000	5100	1400	9400
4T×7M	4	7	12	0.5	22	630	91	8100	2100	4900	1250	5100
4T×13M	4	13	10	1	30	1300	150	14000	2200	4900	1250	5600
5T×16M	5	16	10	0.5	30	1500	150	17000	3200	5700	1400	11000
6.5T×13M	6.5	13	10	0.5	30	1500	180	15000	3200	6100	1400	10650
10T×16M	12	16	10	0.6	75	2500	415	18000	3300	7100	2000	21000
10T×18M	10	18	10	0.6	60	2300	250	20000	3300	6200	1600	14500
10T×19M	10	19	10	0.6	60	2600	280	21000	3300	6200	1600	15200
10T×19M	10	21	10	0.6	75	3900	440	23000	3000	7100	2000	22000
10T×22.5M	10	22.5	10	0.6	75	3400	415	24000	3300	7100	2000	24000
10T×25M	10	25	10	0.6	75	4100	470	27000	3000	7100	2200	23000
12.5T×22M	12.5	22	12	0.6	75	4800	510	24000	3200	6500	2100	22345
15T×19M	15	19	10/20	1	90	4900	560	21000	3300	6500	2200	22000
15T×20M	15	20	10/20	1	90	4900	560	21000	3300	6500	2200	23000
15T×22.5M	15	22.5	12	0.8	90	5200	530	24000	3300	7000	2300	32000
15T×25M	15	25	10	0.8	90	6100	620	27000	3300	7000	2600	36000
25T×21.2M	25	21.2	20	1	105	8000	780	25000	5000	9100	2600	52000
30T×8.8M&15T×14M	30/20/15	8.8/10.8/14	10	0.6	105	6000	750	18000	5000	6500	2500	43000



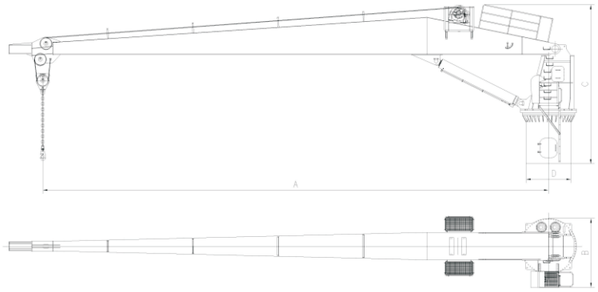
固定臂吊机外形尺寸
Dimension for Stiff BOOM Crane



6.4T9M3.2T14M液压回转吊机
6.4T9M&3.2T14M HYDRAULIC CRANE

HOSE HANDLING CRANE | 软管吊机

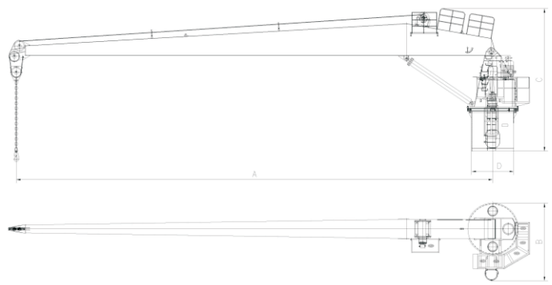
15T19M液压软管吊机
15T 19M Hydraulic Hose Handling



15T19M液压软管吊机
Dimension for 15T 19M Hydraulic Hose Handling crane

10T22.4M液压回转吊机
10T 22.4M Hydraulic Slewing crane

12.5T22M液压软管吊机
12.5T 22M Hydraulic Hose Handling



12.5T22M液压软管吊机
Dimension for 12.5T 22M Hydraulic Hose Handling crane

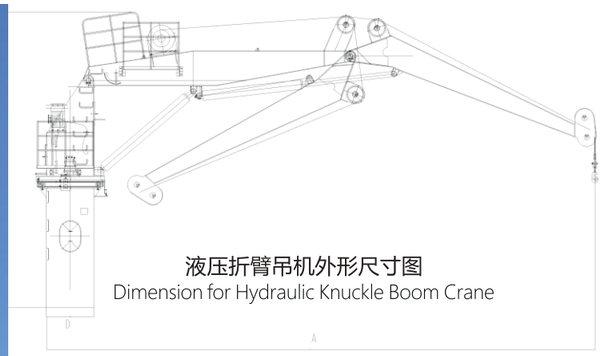
■ 液压软管吊主要产品规格和技术参数
Main specification and parameter for Hydraulic Hose Handling Crane

规格 Type	额定起重载荷 SWL(t)	最大幅度 (m)	起升速度 (m/min)	回转速度 (r/min)	电机功率 (KW)	倾覆力矩 (KN.m)	垂直力 (KN)	主要尺寸				吊机重量 (kg)
								长A(mm)	宽B(mm)	高C(mm)	筒体直径D(mm)	
5Tx18M	5	18	15/30	0.5	37	1700	190	18000	2600	4800	1420	12000
10Tx16M	10	16	10	0.6	75	2500	415	16000	3300	7100	2000	21000
*10t X 22.4M	10	22.4	10/20	0.5	-	-	-	24000	3800	4800	2000	20000
10Tx25M	10	25	10	0.6	75	4100	470	27000	3000	7100	2200	23000
15Tx19M	15	19	10/20	1	90	4900	560	21000	3300	6500	2200	22000
15Tx20M	15	20	10/20	1	90	4900	560	21000	3300	6500	2200	23000
15Tx22.5M	15	22.5	12	0.8	90	5200	530	24000	3300	7000	2300	32000
* 15t X 23.4M	15	23.4	10/20	0.5	-	-	-	25000	3800	5200	2110	30500
15Tx25M	15	25	10/20	0.7	90	6100	620	27000	3300	7000	2600	36000
*15t X 26.5M	15	26.5	10/20	0.5	-	-	-	28000	3100	5300	2110	32500
*20t X 18.6m	20	18.6	10/20	0.5	-	-	-	19600	3100	5100	2100	23500
* 20t X 20m	20	20	10/20	0.5	-	-	-	22000	4000	8300	-	25000
*20t X 20m钢丝绳变幅	20	20	10/20	0.5	-	-	-	22000	4000	5500	-	-

注 在标*的可选为三菱授权品牌。
Notes:Mitesubishi licensed brand is available with*mark.

KNUCKLE BOOM & TELESCOPIC BOOM & KNUCKLE TELESCOPIC BOOM CRANES/Range from 180 up to 4500KNM　折叠臂、伸缩臂、折叠伸缩臂吊机/范围从180至4500KNM

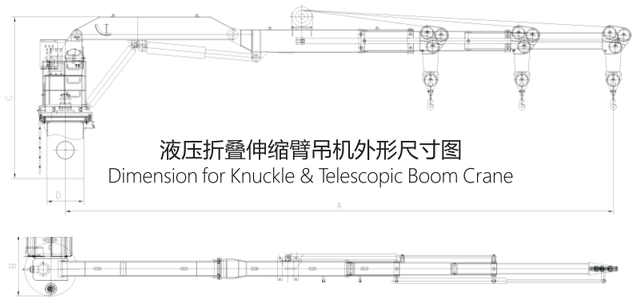
2T10M液压折臂吊机
2T10M Hydraulic Knuckle Boom Crane



液压折臂吊机外形尺寸图
Dimension for Hydraulic Knuckle Boom Crane

3T11M液压折臂吊机
3T 11M Hydraulic Knuckle Boom Crane

1.5T12M液压折叠伸缩臂吊机
1.5T 12M Knuckle & Telescopic Boom Crane



液压折叠伸缩臂吊机外形尺寸图
Dimension for Knuckle & Telescopic Boom Crane

2T9M液压折叠伸缩臂吊机
2T9M Hydraulic Knuckle & Telescopic Boom Crane

■ 液压折臂起重机主要产品规格和技术参数
Main specification and parameter for Hydraulic Knuckle Boom Crane

规格Type	额定起重载荷 SWL(t)	最大工作半径 (m)	起升速度 (m/min)	变幅时间 (s)	回转速度 (r/min)	电机功率 (KW)	倾覆力矩 (KN.m)	垂直力 (KN)	主要尺寸				吊机重量 (kg)
									长A(mm)	宽B(mm)	高C(mm)	筒体直径D(mm)	
2Tx10M	2	10	12	90	0.7	30	470	60	11500	2000	3500	1000	3500
3Tx11M	3	11	12	90	0.7	30	570	71	11500	2000	3500	1250	4100
5T×16M	5	16	15	90	0.6	37	1400	170	16000	1855	5800	1230	10000

■ 液压伸缩起重机主要产品规格和技术参数
Main specification and parameter for Hydraulic Telescopic Boom Crane

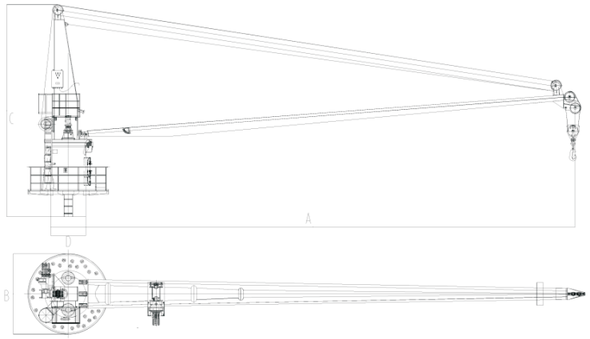
规格Type	额定起重载荷 SWL(t)	最大工作半径 (m)	起升速度 (m/min)	变幅时间 (s)	回转速度 (r/min)	电机功率 (KW)	倾覆力矩 (KN.m)	垂直力 (KN)	主要尺寸				吊机重量 (kg)
									长A(mm)	宽B(mm)	高C(mm)	筒体直径D(mm)	
2.05Tx10M	2.05	10	15	15	1	30	470	60	11000	2000	4000	700	4500
5Tx10M	5	10	15	90	1.5	75	2000	220	22000	2500	6300	1600	25000

■ 液压折臂伸缩起重机主要产品规格和技术参数
Main specification and parameter for Hydraulic Telescopic & Knuckle Boom Crane

规格Type	额定起重载荷 SWL(t)	最大工作半径 (m)	起升速度 (m/min)	变幅时间 (s)	回转速度 (r/min)	电机功率 (KW)	倾覆力矩 (KN.m)	垂直力 (KN)	主要尺寸				吊机重量 (kg)
									长A(mm)	宽B(mm)	高C(mm)	筒体直径D(mm)	
1.5T×12M&（3T×6M）	1.5/3	6/12	12	90	0.7	30	570	71	13000	2000	3500	800	3670
2Tx9M	2	9	15	90	0.5	/	500	70	9000	1700	3400	650	5000

ELECTRIC CRANES/Range from 80 up to 1200KNM | 电动吊机/范围从80至1200KNM

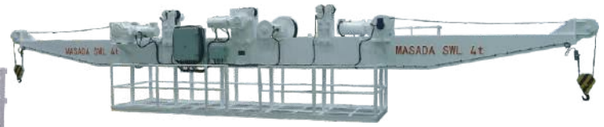
5.5T×21.5M&8T×15M钢丝绳变幅起重机
5.5T21.5M & 8T15M Electric Driven Wire Luffing Crane



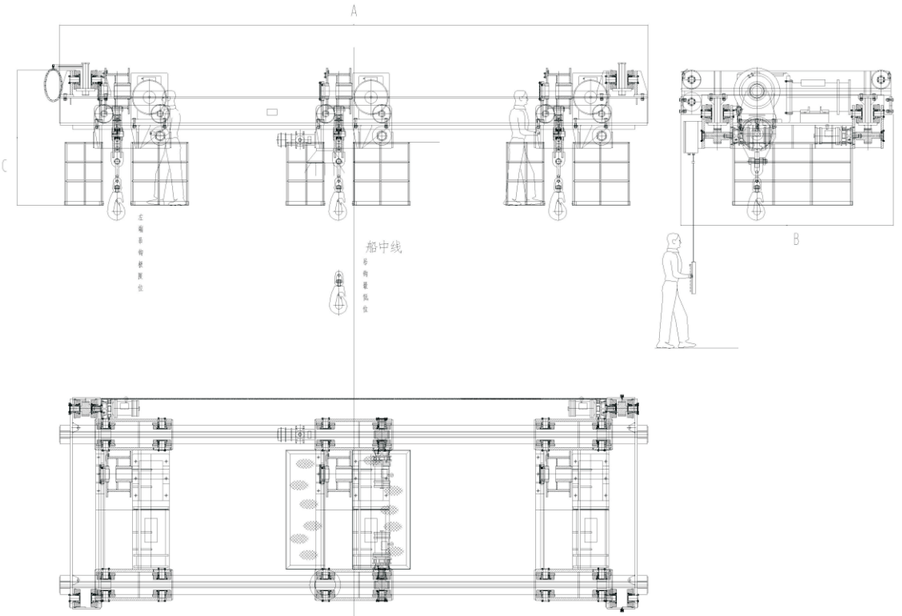
电动吊机外形尺寸图
Dimension for Electric Crane

MONORAIL CRANES/Range from 4T up to 12.5T | 平移吊机/范围从4T至12.5T

12.5T 电动单轨平移吊
12.5T Electric Monorail Crane



4T 电动单轨平移吊
4T Electric Monorail Crane



电动单轨平移吊外形尺寸图
Dimension for Electric Monorail Crane

电动钢丝绳变幅起重机主要产品规格和技术参数
Main specification and parameter for Electric Driven Wire Luffing Crane

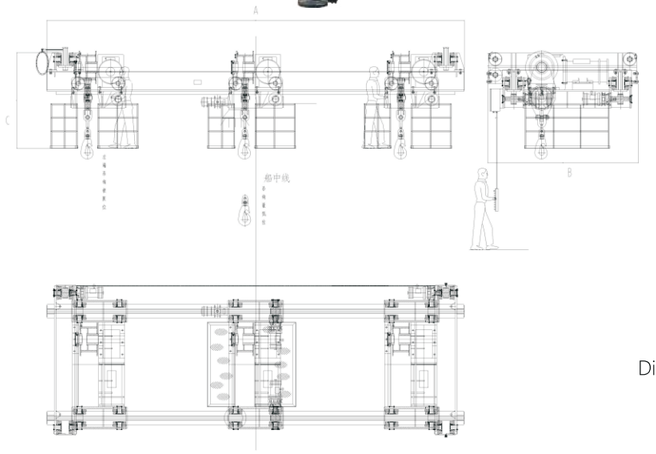
规格Type	额定起重载荷 SWL(t)	最大幅度 (m)	起升速度 (m/min)	变幅时间 (s)	回转速度 (r/min)	电机功率 (KW)	倾覆力矩 (KN.m)	垂直力 (KN)	主要尺寸				吊机重量 (kg)
									长A(mm)	宽B(mm)	高C(mm)	筒体直径D(mm)	
2T×4M	2	4	10	60	0.5	6.3/6.3/2.5	201	83	4500	2100	4200	810	3419
3T×8M	3	8	10	/	0.5	8.5/8.5/4	350	32	9700	2300	5800	1000	5700
5T×11.8M	5	11.8	10	90	0.8	18.5/18.8/7.5	480	61	13900	2300	6500	1250	8100
4T×21.5M&8T×15M	4	21.5	11	120	0.6	22/22/13	1700	210	25000	3600	12500	1500	12600
5.5T×21.5M&8T×15M	5.5	21.5	11	120	0.6	22/22/13	1700	210	25000	3600	12500	1500	12600

电动单轨平移吊主要产品规格和技术参数
Main specification and parameter for Electric Monorail Crane

规格Type	额定起重载荷 SWL(t)	升出距离 (m)	起升速度 (m/min)	行走速度 (r/min)	电机功率 (KW)	倾覆力矩 (KN.m)	垂直力 (KN)	主要尺寸				吊机重量 (kg)
								长A(mm)	宽B(mm)	高C(mm)	筒体直径D(mm)	
4T	4	4	10	/	13/13/4	/	/	28400	1700	2000	/	5700
5T	5	4	10	/	15/15/4	/	/	28400	1800	2000	/	7296
8T	8	22	10	11	22/22/8.5	/	/	46000	2200	2865	/	22000
12.5T	12.5	4	10	10	30/30/15	/	/	48000	2000	3500	/	32967

ENGINE ROOM CRANES/Range from 0.1T up to 12.5T | 机舱行车/范围从0.1T至12.5T

12.5T电动机舱行车
12.5T Electric Engine Room



电动机舱行车外形尺寸图
Dimension for Electric Engine Room

手动单梁机舱行车主要产品规格和技术参数
Main specification and parameter for Manual Control Single Beam Engine Room Crane

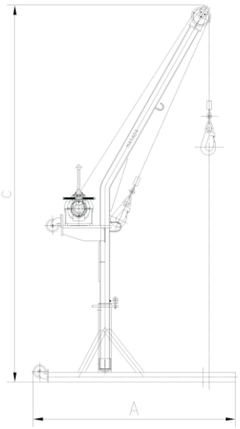
规格Type	额定起重载荷 SWL(t)	最大跨度 (m)	起升速度 (m/min)	主要尺寸			吊机重量 (kg)
				长A(mm)	宽B(mm)	高C(mm)	
0.5T	0.5	/	4	7200	350	500	300
0.5T	0.5	/	8	7200	350	500	300
0.9T	0.9	/	8	7200	350	500	300
0.99T	0.99	/	8	7200	350	500	300
1T	1	/	8	7200	350	500	300

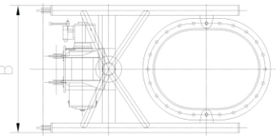
电动单/双梁机舱行车主要产品规格和技术参数
Main specification and parameter for Electric Control Single/Double Beam Engine Room Crane

规格Type	额定起重载荷 SWL(t)	最大跨度 (m)	起升速度 (m/min)	主要尺寸			吊机重量 (kg)
				长A(mm)	宽B(mm)	高C(mm)	
2T×8M	2	8	9.6/0.96	8500	2100	1500	2150
3T×3.5M	3	3.5	9.6/0.96	4100	2100	1500	2150
4T×6.8M	4	6.8	9.6/0.96	7100	2300	1600	3100
6.5T×8.05M	6.5	8900	9.6/0.96	9500	2300	1600	3500
12.5T×8.5M	12.5	9200	9.6/0.96	9200	3100	2500	8900

DAVITS/Range from 0.1T up to 2T | 吊柱/范围从0.1T至2T

AIR DAVITS
气动吊柱





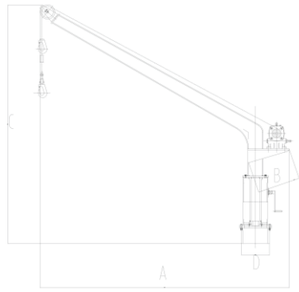
气动起重机外形尺寸图
Dimension for Air Davits

500KG气动垃圾吊
500kg Air Davits

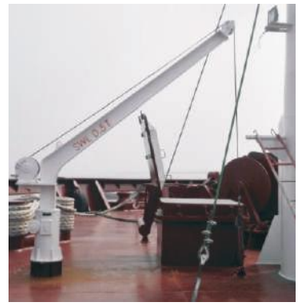
气动起重机主要产品规格和技术参数
Main specification and parameter for Air Davits

规格Type	额定起重载荷 SWL(t)	最大幅度 (m)	起升速度 (m/min)	倾覆力矩 (KN.m)	垂直力 (KN)	主要尺寸				吊机重量 (kg)
						长A(mm)	宽B(mm)	高C(mm)	筒体直径D(mm)	
0.2T×0.8M	0.2	0.8	10	/	/	1500	1000	2900	/	140
0.25T×1.8M	0.25	1.8	10	/	/	1800	350	3900	/	170
0.5T×1.8M	0.5	1.8	10	/	/	1800	450	3900	/	210
2T×3M	2.5	3	5	75	41	3300	700	4100	450	3300

MANUAL DAVITS
手动吊柱



手动起重机外形尺寸图
Dimension for Manual Davits



0.5T手动起重机
0.5TManual Davits

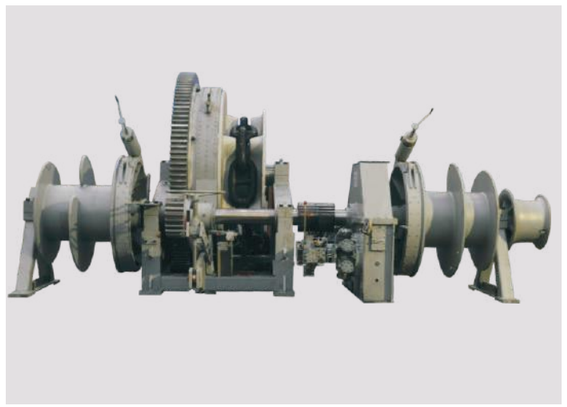
手动起重机主要产品规格和技术参数
Main specification and parameter for Manual Davits

规格Type	额定起重载荷 SWL(t)	最大幅度 (m)	倾覆力矩 (KN.m)	垂直力 (KN)	主要尺寸				吊机重量 (kg)
					长A(mm)	宽B(mm)	高C(mm)	筒体直径D(mm)	
0.5T×2.8M	0.5	2.8	40	16	3100	450	3000	325	260
0.9T×3M	0.9	3	43	17	3300	450	3000	325	280
0.9T×3.6M	0.9	4.5	45	17	3800	450	3000	325	360
0.9T×4.5M	0.9	2.8	75	45	4800	450	3000	325	360

WINDLASS & WINCH 锚绞机

HYDRAULIC WINDLASS | 液压锚机

76000T散货船用的Φ76液压锚机
Φ76 Hydraulic Windlass for 76000T Bulk Carrier



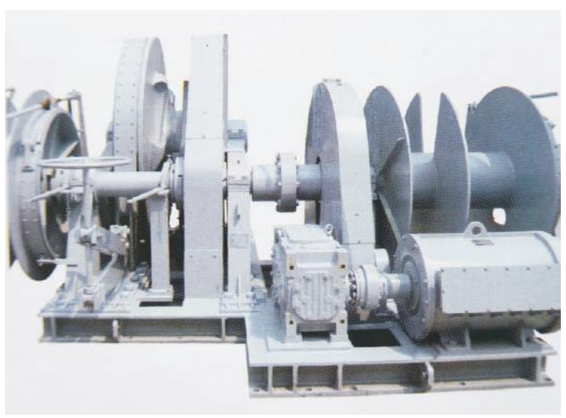
400K VLOC船用Φ122液压锚机
Φ122 Hydraulic Windlass for 400K VLOC

12500T汽车渡船用Φ62液压锚机
Φ62 Hydraulic Windlass for 12500T Car Ferry

ELECTRIC WINDLASS | 电动锚机

38800DWT散货船用Φ68电动锚机
Φ68 Electric Windlass for 38800DWT Bulk Carrier

绞吸式挖泥船用Φ46电动起锚机
Φ46 Electric Windlass For Cutter Suction Dredger Carrier



30000T自航半潜船用Φ95电动绞锚机
Φ95 Electric Windlass for 30000T Self-propelling Dredger

液压锚机主要产品规格和技术参数
Main specification and parameter for hydraulic windlass

液压锚机规格 Specification of Hydraulic Windlass	锚链直径 Chain Dia (mm)	工作负载 Working Load (kN)	起锚速度 Weigh Anchor Speed (m/min)	绞车拉力 Towing Force (kN)	绞车速度 Towing Speed (m/min)	电机功率 Motor Power (kW)
* Φ19/20.5/22	19/20.5/22	15.3/17.9/20.6	≥9	15	≥12	7.5
* Φ24/26	24/26	24.5/28.7	≥9	20	≥12	11
* Φ28/30	28/30	33.3/38.3	≥9	25	≥12	15
* Φ32/34/36	32/34/36	43.5/49.1/55.1	≥9	30	≥12	22
* Φ38/40/42	38/40/42	61.4/68.0/75.0	≥9	50	≥12	30
* Φ44/46/48	44/46/48	82.3/89.9/97.9	≥9	60	≥12	37
* Φ50/52/54	50/52/54	106.3/114.9/123.9	≥9	60	≥15	37
Φ56/58/60	56/58/60	133.3/143.0/153	≥9	80	≥15	40
Φ62/64	62/64	163.4/174.1	≥9	100	≥15	47
Φ66/68	66/68	185.1/196.5	≥9	120	≥15	55
Φ70/73	70/73	208.3/226.5	≥9	147	≥15	60
Φ76/78	76/78	245.5/258.6	≥9	147	≥15	70
Φ81/84	81/84	311.7/335.2	≥9	167	≥15	90
Φ87/90	87/90	359.5/384.8	≥9	200	≥15	102
Φ92/95	92/95	402.2/428.7	≥9	200	≥15	115
Φ97/102	97/102	446.9/494.2	≥9	250	≥15	130
Φ105/107	105/107	523.7/543.8	≥9	250	≥15	145
Φ111/114	111/114	585.2/617.3	≥9	250	≥15	160
Φ117/122	117/122	650.2/707.0	≥9	250	≥15	187
Φ132	132	827.64	≥9	300	≥15	250

注：1）在标*的可选为政田品牌。2）以上规格参数可选舷边遥控，恒张力等功能。

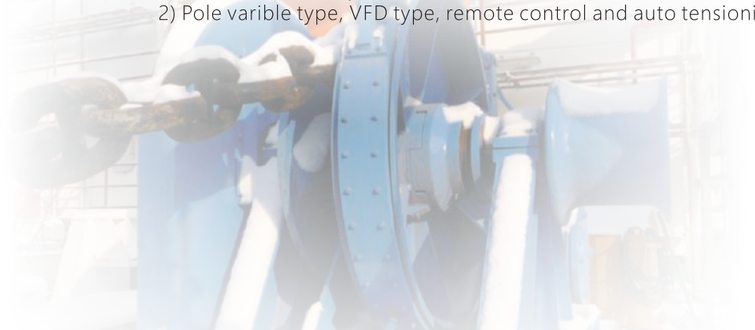
Notes:1) Masada brand only with * mark.
2) Remote control and auto tensioning are available for above all spec. data.

电动锚机主要产品规格和技术参数
Main specification and parameter for electric windlass

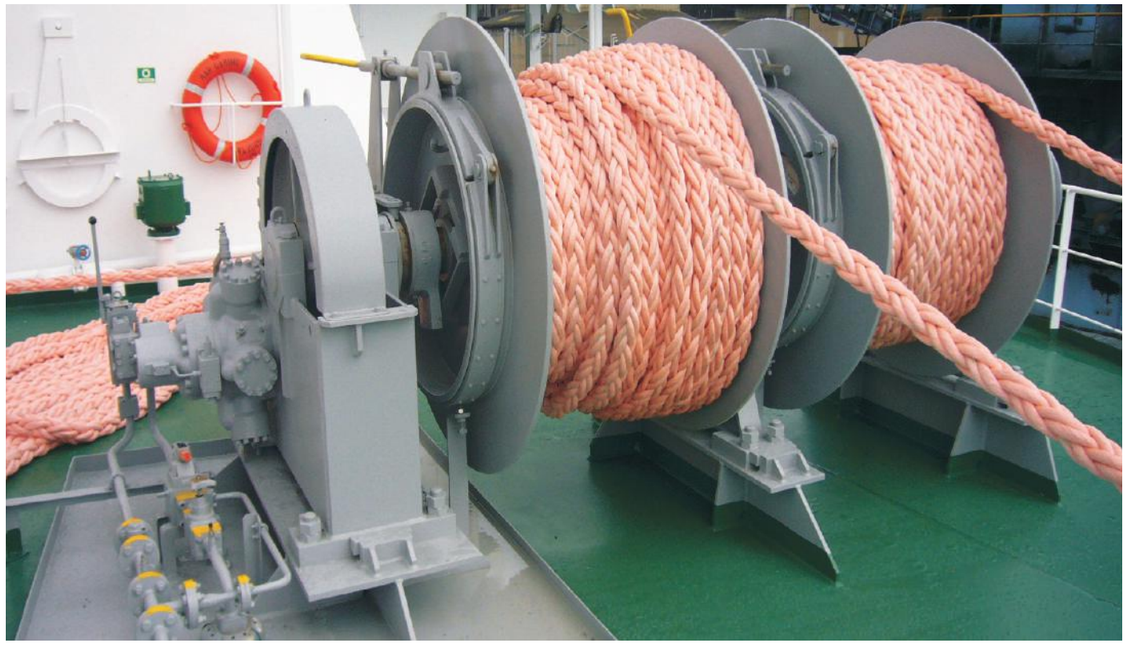
电动锚机规格 Specification of Electric Windlass	锚链直径 Chain Dia (mm)	工作负载 Working Load (kN)	支持负载 Supporting Load(k/N)	起锚速度 Weigh Anchor Speed (m/min)	系载负载 Mooring Load (kN)	电机功率 Motor Power (kW)
* Φ19/20.5/22	19/20.5/22	17.2/20/23	135/157/180	≥9	15	8.5/3.5
* Φ24/26	24/26	27.4/32.1	214/250	≥9	20	8.5/3.5
* Φ28/30	28/30	37.2/42.8	289/330	≥9	25	11/11/7.5
* Φ32/34/36	32/34/36	48.6/54.9/61.6	374/421/470	≥9	30	16/16/1.1
* Φ38/40/42	38/40/42	68.9/76.0/83.8	522/576/632	≥9	50	22/22/16
* Φ44/46/48	44/46/48	92.0/100.5/109.4	691/753/816	≥9	60	20/20/22
* Φ50/52/54	50/52/54	118.8/128.4/138.5	882/950/1021	≥9	60	30/30/22
Φ56/58/60	56/58/60	149.0/159.8/171.0	1093/1168/1245	≥9	80	45/45/30
Φ62/64	62/64	182.6/194.6	1324/1405	≥9	100	45/45//30
Φ66/68	66/68	206.9/219.6	1488/1573	≥9	120	45/45/30
Φ70/73	70/73	232.8/253.1	1660/1794	≥9	147	60/60/45
Φ76/78	76/78	274.4/289.0	1932/2026	≥9	147	60/60/45
Φ81/84	81/84	311.7/335.2	2171/2320	≥9	160	75/75/36
Φ87/90	87/90	359.5/384.8	2473/2629	≥9	200	28/84/84
Φ92/95	92/95	402/428.7	2735/2898	≥9	200	85/85/64
Φ97/102	97/102	446.9/494.2	3010.5/3874.5	≥9	250	85/85/64
Φ105/107	105/107	523.7/543.8	3465/3582	≥9	250	115/115/38.3
Φ111/114	111/114	585.2/617.3	3816/4000.5	≥9	250	120/120/90
Φ117/122	117/122	650.2/707.0	4185/4495.5	≥9	250	137/137/100

注：1）在标*的可选为政田品牌。2）以上规格参数可选舷边遥控，恒张力等功能。

Notes: 1) Masada brand only with * mark.
2) Pole varible type, VFD type, remote control and auto tensioning are available for above all spec. data.



HYDRAULIC MOORING WINCH | 液压系泊绞车



51000DWT散货船122.5KN液压系泊绞车
122.5KN Hydraulic Mooring Winch for 51000DWT Bulk Carrier

76000T 散货船147KN 液压系绞泊车
147KN Hydraulic Mooring Winch for 76000T Bulk Carrier

50000T 成品油船118KN 液压系绞泊车
118KN Hydraulic Mooring Winch for 50000T Products Tanker

ELECTRIC MOORING WINCH | 电动系泊绞车

4800TEU集装箱船206KN电动绞车
206KN Electric Mooring Winch for 4800TEU Container

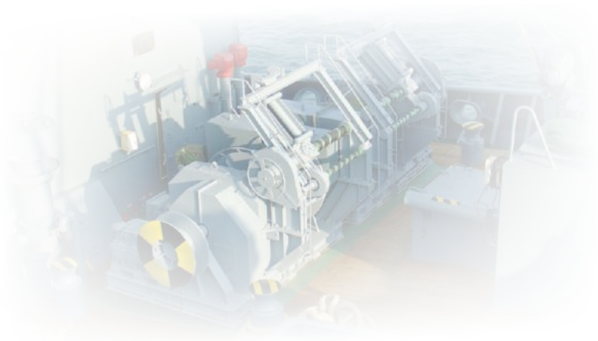
打桩船用100KN电动变频绞车
100KN Electric Frequency Conversion Winch for Pile Driving Barge

38800DWT散货船用125KN电动绞车
125KN Electric Winch for 38800DWT Bulk Carrier

液压系泊绞车主要产品规格和技术参数
Main specification and parameter for hydraulic mooring winch

液压绞车规格 Specification of Hydraulic Winch	额定拉力 Rated Pull (kN)	额定速度 Rated Speed (m/min)	卷筒容绳量 Drum Capacity (m)	电机功率 Motor Power (Kw)
10KN	10	≥12	Φ11×150	5.5
20KN	20	≥12	Φ15×150	11
40KN	40	≥15	Φ17.5×150	22
50KN	50	≥15	Φ20.5×150	30
75KN	75	≥15	Φ26×150	45
100KN	100	≥12	Φ30×200	45
160KN	160	≥12	Φ32×250	75
200KN	200	≥9.6	Φ41×250	75
250KN	250	≥9.6	Φ44.5×250	90
315KN	315	≥7.8	Φ52×250	90
400KN	400	≥7.8	Φ56×250	110
450KN	450	≥6	Φ56×250	110
500KN	500	≥6	Φ58×250	110
560KN	560	≥6	Φ64×250	132
600KN	600	≥6	Φ64×250	132
650KN	650	≥5	Φ70×250	132
1000KN	1000	≥4	Φ85×250	132
1200KN	1200	≥4	Φ95×250	160
1500KN	1500	≥4	Φ95×250	200
1800KN	1800	≥4	Φ95×250	250
2000KN	2000	≥4	Φ100×250	270

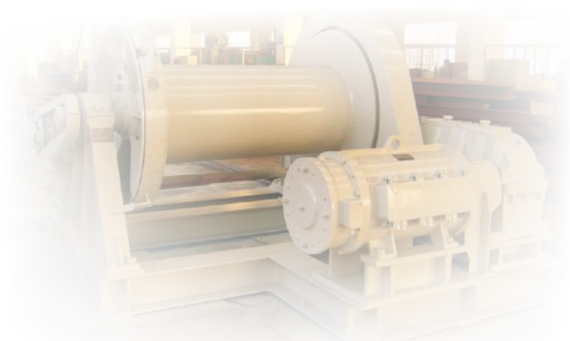
注：可选舷边遥控，恒张力等功能
Notes: Remote control and auto tensioning are available

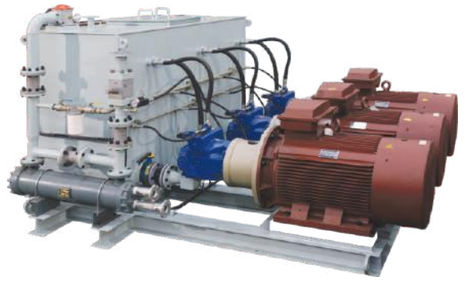


电动系泊绞车主要产品规格和技术参数
Main specification and parameter for electric mooring winch

电动绞车规格 Electric Mooring Winch	额定拉力 Rated Pull (kN)	额定速度 Rated Speed (m/min)	卷筒容绳量 Drum Capacity (m)	电机功率 Motor Power (Kw)
5KN	5	≥12	Φ8×100	3/1.2
5KN	10	≥12	Φ10×150	4.3/1.7
20KN	20	≥12	Φ15×150	8.5/3.5
30KN	30	≥15	Φ17×150	11/11/7.5
40KN	40	≥15	Φ18×150	16/16/11
50KN	50	≥15	Φ20.5×180	30/30/22
75KN	75	≥15	Φ26×200	30/30/22
80KN	80	≥15	Φ26×200	45/45/30
100KN	100	≥15	Φ30×200	45/45/30
125KN	125	≥15	Φ30×200	60/60/45
160KN	160	≥15	Φ32×250	45/45/30
200KN	200	≥9.6	Φ41×250	60/60/45
250KN	250	≥9.6	Φ44.5×250	60/60/45
315KN	315	≥7.8	Φ52×250	60/60/45
400KN	400	≥7.8	Φ56×250	85/85/64
500KN	500	≥7.8	Φ58×250	85/85/64
560KN	560	≥6	Φ64×250	85/85/65
600KN	600	≥6	Φ64×250	85/85/65
650KN	650	≥6	Φ70×250	85/85/66
1000KN	1000	≥4	Φ85×250	85/85/66
1200KN	1200	≥4	Φ95×250	120/120/90
1500KN	1500	≥4	Φ95×250	150/150/72
1800KN	1800	≥4	Φ95×250	150/150/72
2000KN	2000	≥4	Φ100×250	180/180/135

注：可选变极控制，变频控制，舷边遥控，恒张力等功能
Note: Pole-changing, VFD, remote control and auto tensioning are available.

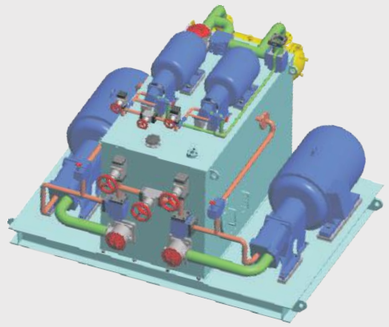


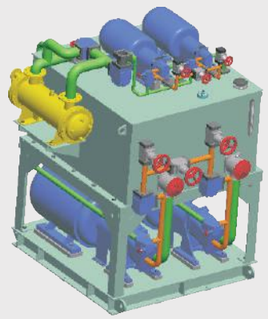


液压锚机、液压系泊绞车专用液压动力系统

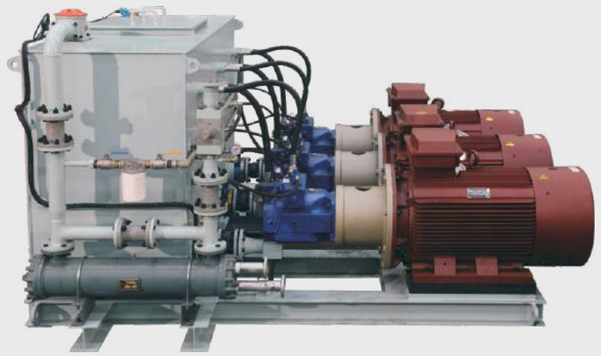
HYDRAULIC POWER SYSTEM FOR HYDRAULIC WINDLASS & HYDRAULIC MOORING WINCH

57000DWT散货船用
For 57000DWT Bulk Carrier





13500吨双向不锈钢化学品船用
For 13500DDWT IMO Type 2
Stainless Steel Chemical/ Product Tanker



400K VLOC船用
For 400K VLOC Vessel

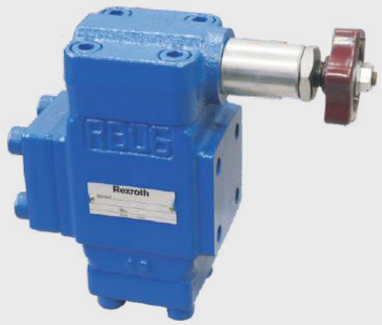
液压锚机、液压系泊绞车标准进口配置

STANDARD IMPORT CONFIGURATIONOF HYDRAULIC WINDLASS & HYDRAULIC MOORING WINCH

日本KYB液压马达
JAPAN KYB HYDRAUILC MOTOR

日本内田液压换向阀
Japan Hydrogear Hydraulic Control Valve

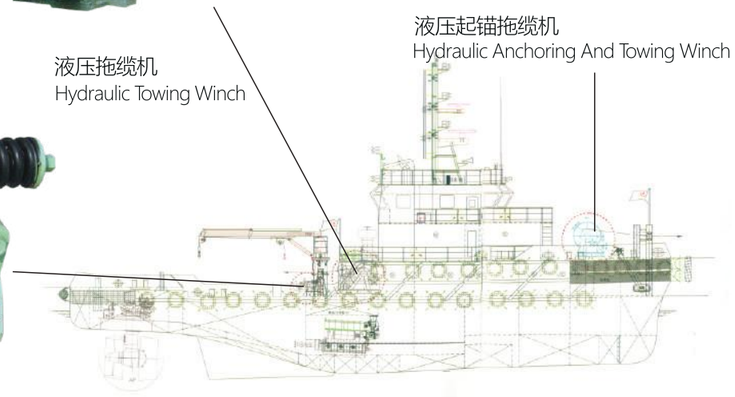
日本三菱液压马达
Japan MHI Hydraulic Motor



德国博世力士乐安全阀
Germany Bosch Rexroth Relief Valve

德国博世力士乐液压泵
Germany Bosch Rexroth Hydraulic Pump

HYDRAULIC TOWING WINCH | 液压拖缆机



■ 液压拖缆机主要产品规格和技术参数
Main specification and parameter for hydraulic towing winch

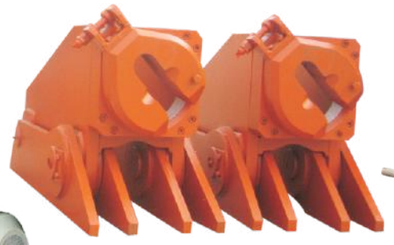
型号 Type	规格 Specification (T×m/min)	液压泵用电机 Motor for Hydraulic Pump (KW)	静止刹车力 Static Brake Force (Ton)	缆绳直径 Rope Dia (Φmm)
MOW-T30	1.5×13	18.5	30	80
MOW-T40	2.0×13	22	40	85
MOW-T50	2.5×13	30	50	90
MOW-T60	2.5×13	30	60	100
MOW-T70	3.0×13	30	70	100
MOW-T80	3.5×13	37	80	110
MOW-T90	4.0×13	37	90	110
MOW-T100	4.0×13	37	100	110
MOW-T120	5.0×13	37	120	110
MOW-T150	6.0×13	45	150	130
MOW-T180	6.0×13	45	150	140
MOW-T200	6.0×13	45	200	160

HYDRAULIC ANCHORING AND TOWING WINCH | 液压起锚拖缆机

■ 液压起锚拖缆机主要产品规格和技术参数
Main specification and parameter for hydraulic anchoring and towing winch

型号 Type	规格 Specification (T×m/min)	液压泵用电机 Motor for Hydraulic Pump (KW)	链径 Chain Dia (Φmm)	滚筒刹车力 Drum Brake Force (T)	缆绳直径 Rope Dia (Φmm)
MOW-T30	1.5×13	18.5	19-22	30	80
MOW-T40	2.0×13	22	22-24	40	85
MOW-T50	2.5×13	30	24-26	50	90
MOW-T60	2.5×13	30	24-26	60	100
MOW-T70	3.0×13	30	24-26	70	100
MOW-T80	3.0×13	37	26-28	80	110
MOW-T90	3.5×13	37	26-28	90	110
MOW-T100	3.5×13	37	26-28	100	110
MOW-T120	3.5×13	37	26-28	120	110
MOW-T150	6.0×13	45	30-36	150	130

10T电动立式绞盘
10T Electric Capstan



114mm止链器
114mm Chain Stopper

56mmG3电动起锚绞盘
56mmG3 Electric Anchoring Capstan

电动、液压（起锚）系缆绞盘主要产品规格和技术参数
Main specification and parameter for electric/hydraulic(anchoring) and mooring capstan

电动（液压）起锚绞盘 specification of Electric Hydraulic(Anchoring) and Mooring Capstan	锚链直径 Chain Dia(mm)	工作负载 Working load(kN)	起锚速度 Working Speed(m/min)	系缆负载 Mooring Load (kN)	系缆速度 Mooring Speed(m/min)	钢丝绳直径 Wire Dia(mm)	电动机功率Motor Power(kW)	
							电动 Electric	液压 Hydraulic
Φ12.5/14	12.5/14	5.9/7.4	≥12	5	≥10	Φ11	3/1.2	4
Φ16/17.5	16/17.5	10.9/13.0	≥12	8	≥10	Φ13	4.3/1.7	7.5
Φ19/22	19/22	15.3/20.6	≥13	10	≥10	Φ13	6/2.5	11
Φ24/26	24/26	24.5/28.7	≥9	20	≥8.5	Φ15	7.5/7.5/5	11
Φ28	28	33.3	≥9	30	≥8.5	Φ17.5	11/11/7.5	15
Φ30/32	30/32	38.3/43.5	≥9	30	≥8.5	Φ17.5	16/16/11	15
Φ34/36	34/36	49.1/55.1	≥9	30	≥8.5	Φ17.5	16/16/11	18.5
Φ38/40	38/40	61.4/68.0	≥9	30	≥8.5	Φ20.5	22/22/16	30
Φ42/44	42/44	75/82.3	≥9	50	≥8	Φ20.5	22/22/16	30
Φ52	52	128.4	≥9	50	≥8	Φ20.5	30	37
Φ60	60	171	≥9	50	≥8	Φ20.5	37	45

100T Offshore Positioning Winch
100T海工定位绞车

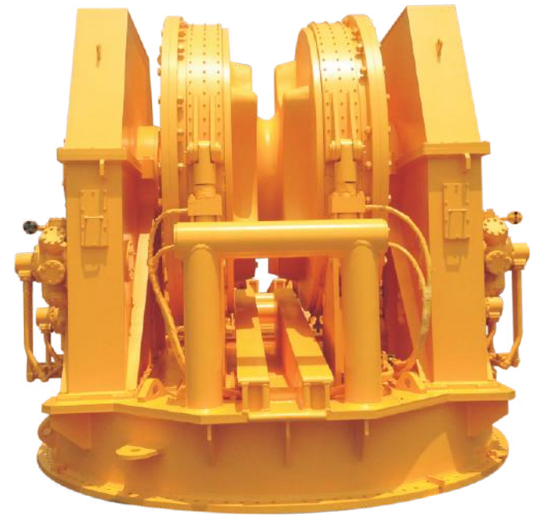
■ 主要参数：
容绳量：600米@51毫米（7层）
额定拉力：
100吨@7米/分钟（第一层，低速）
40吨@14米/分钟（第二层，高速）

Main Parameter:
Drum capacity:600m@Φ51mm(7 layers)
Rated Pull:
100T@7m/min(1st layer,Low Speed)
40T@14m/min(1st layer,High Speed)

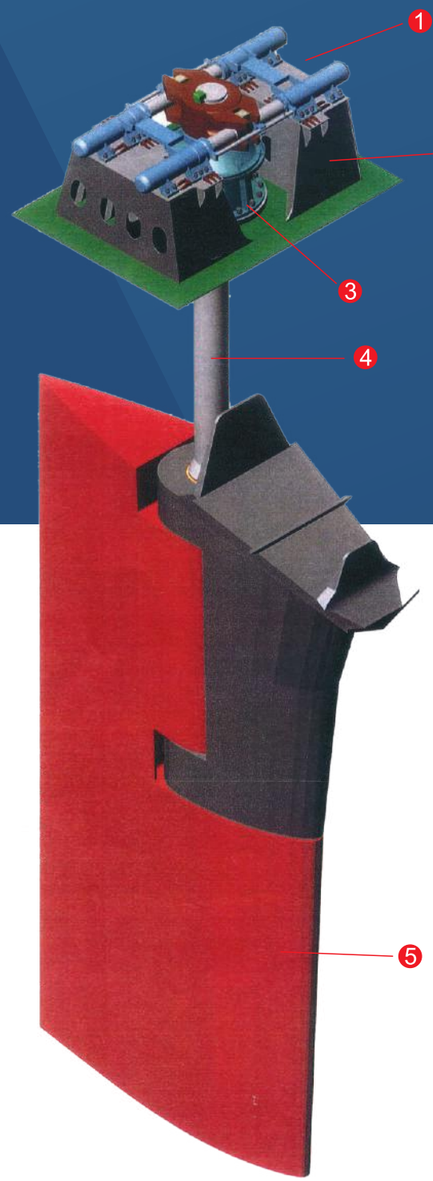
132mm Offshore Positioning Windlass
Φ132链径海工定位锚机

■ 主要参数
链径：Φ132mm
额定拉力：1500KN@15m/min

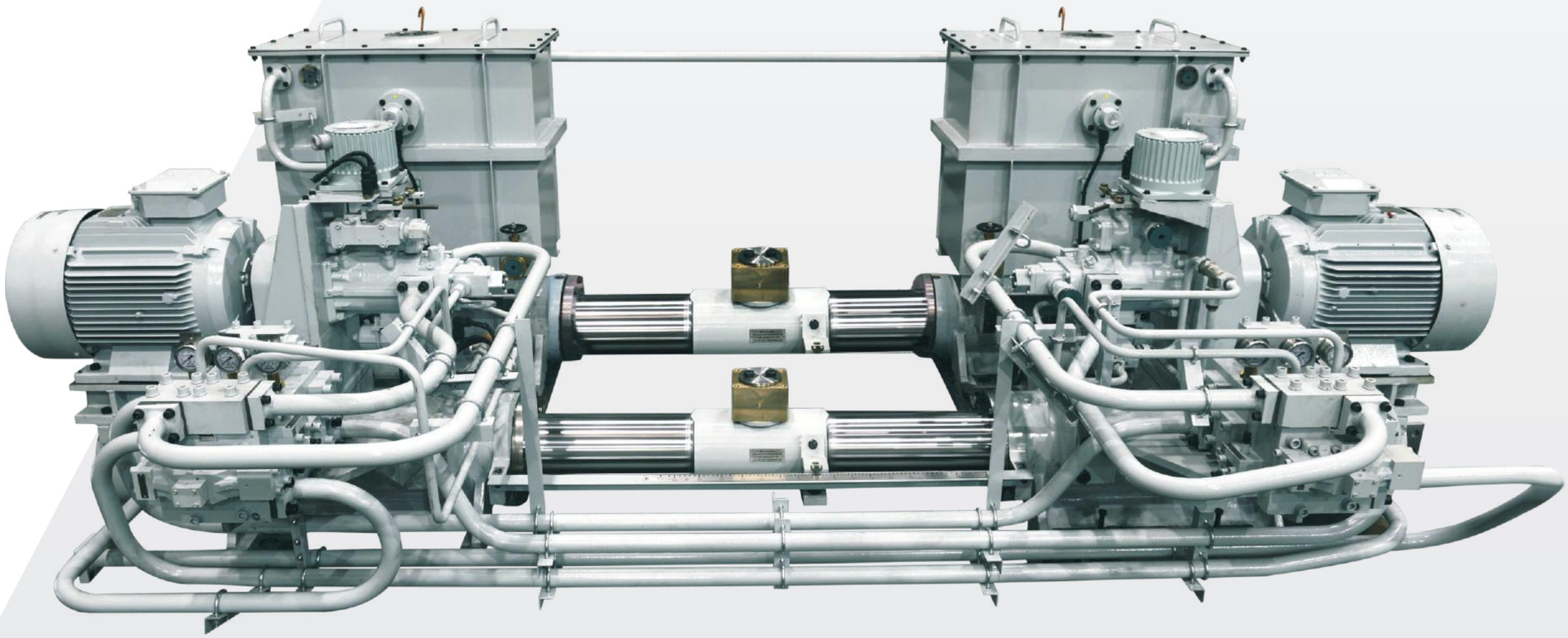
Main Parameter:
Chain Diameter: Φ132mm
Rated Pull: 1500KN@15m/min



1.舵机
2.舵机底座
3.平面摩擦水密上舵承
4.舵杆
5.舵叶
1.Steering Gear
2.Steering Gear foundation
3.Rudder carrier bearer
4.Rudder Stork
5.Rudder

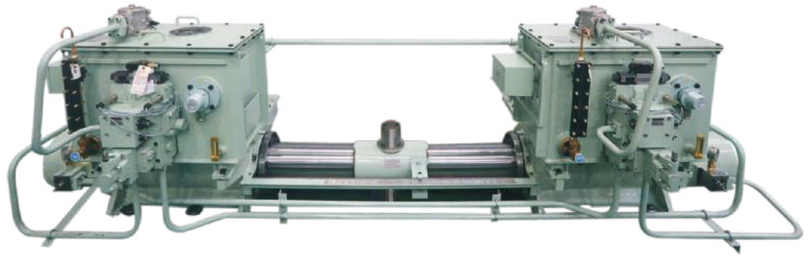


STEERING GEAR
舵 机

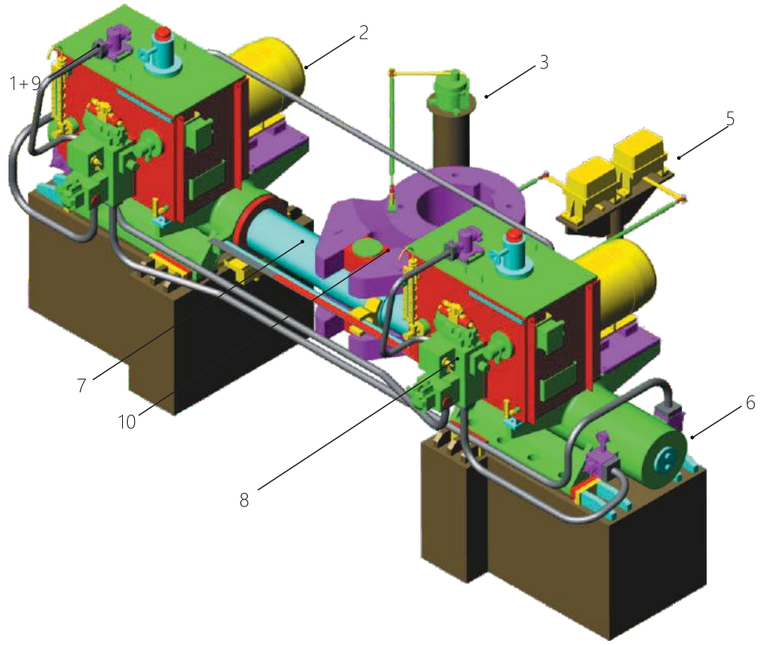


江苏政田—三菱 舵机

JIANGSU MASADA-MITSUBISHI STEERING GEAR



HYDRAULIC STEERING GEAR | 液压舵机

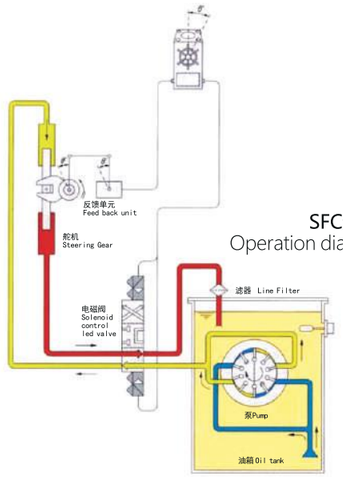


- 较高的信赖性和耐久性
- 优秀在应答性
- 简易在设计和紧凑的结构
- 容易在机侧操舵
- 完善在双重化控制系统
- 容易维修

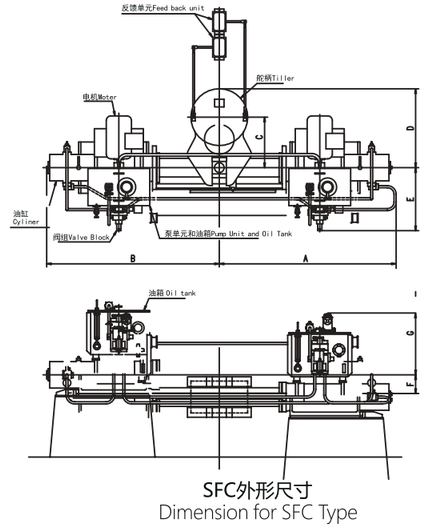
- High Reliability & Durability
- Excellent Response
- Simple Design & Compact Configuration
- Ease Control of Emergency Steering
- Complete Dual Control System
- Easy Maintenance

No.	名称	Name
1	油箱（泵位于内侧）	Oil tank
2	电动机	Motor
3	舵角发讯器	Rudder angle transmitter
4	舵柄	Tiller
5	舵角反馈单元	Feed back units
6	液压缸	Hydraulic cylinder
7	柱塞	Ram
8	阀组（日本原装进口）	Valve Block
9	泵	Pump
10	柱塞销衬套	Ram Pin Bush

SFC TYPE STEERING GEAR | SFC型舵机



SFC运行图
Operation diagram of SFC Type



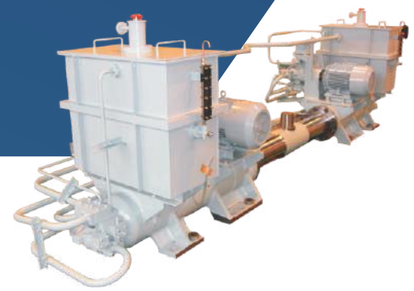
SFC外形尺寸
Dimension for SFC Type

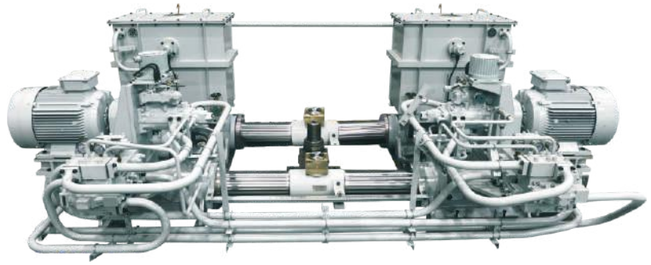
SFC型舵机主要产品规格和技术参数
Main specification and parameter for SFC type steering gear

类型 Type				SFC-20	SFC-30	SFC-40	SFC-50	SFC-60	SFC-80	
在最大工作压力时扭矩 Torque at maximum working pressure			t-m	23	32	45	53	63	72	86
			kN-m	226	314	441	520	618	706	844
转舵速度 Rudder turning speed			deg./sec	65/28	65/28	65/28	65/28	65/28	65/28	
舵柄公称半径 Nominal tiller radius			mm	430	470	520	560	580	650	
柱塞泵直径 Diameter of ram			mm	155	170	195	205	220	240	
最大工作压力 maximum working oil			kg/cm2	210	220	220	215	215	185	220
			Mpa	20.6	21.6	21.6	21.1	21.1	18.1	21.6
安全阀压力 Safety valve pressure			kg/cm2	263	275	275	269	269	232	275
			Mpa	25.8	27	27.0	26.4	26.4	22.7	27.0
主要和辅助泵 With main and auxiliary pumps	电动机 Motor	输出×数量 Output×number	kW	7.5×2	11×2	17.3×2	17.3×2	21.3×2	25.3×2	25.3×2
		转速 Speed	min-1	1800	1800	1800	1800	1800	1800	
		超负荷 Overload	%/sec	200/60	200/60	200/60	200/60	200/60	200/60	
	泵型号×数量 Pump Type×Number			T6C-005×2	T6C-006×2	T6C-010×2	T6C-010×2	T6C-014×2	T6C-017×2	
无辅助泵 Without auxiliary pumps	电动机 Motor	输出×数量 Output×number	kW	——	——	8.6×2	8.6×2	12.7×2	12.7×212.7×2	
		转速 Speed	min-1	——	——	1800	1800	1800	1800	
		超负荷 Overload	%/sec	——	——	200/60	200/60	200/60	200/60	
	泵型号×数量 Pump Type×Number			——	——	T6C-005×2	T6C-005×2	T6C-006×2	T6C-008×2	
尺寸 Dimensions		A		1645	1716	1860	1945	2080	2260	
		B		1520	1685	1845	1945	2020	2225	
		C		430	470	520	560	580	650	
		D	mm	675	740	815	880	910	1015	
		E		785	815	815	815	1000	1000	
		F		175	190	205	215	220	240	
		G		1020	1030	1040	1050	1200	1220	

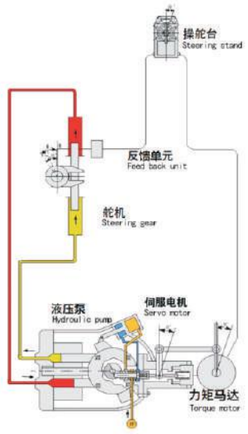
江苏政田—三菱 舵机

JIANGSU MASADA-MITSUBISHI STEERING GEAR

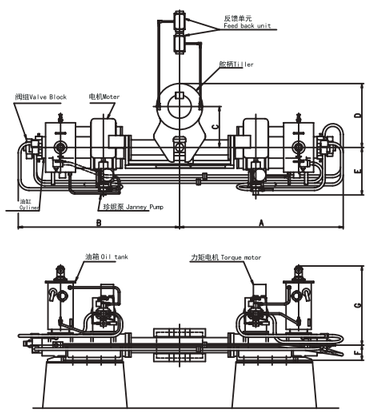




SFT TYPE STEERING GEAR | SFT型舵机



SFT运行图
Operation diagram of SFT type

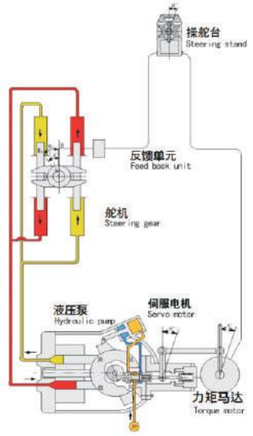


SFT外形尺寸
Dimension for SFT type

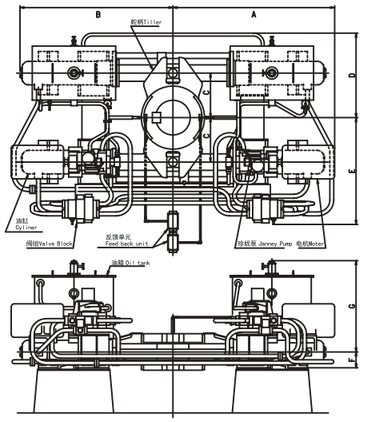
舵机主要产品规格和技术参数
Main specification and parameter for SFT type steering gear

类型 Type				SFT-80		SFT-125		SFT-170	
在最大工作压力时扭矩 Torque at maximum working pressure			t-m	72	86	105	122	143	175
			kN-m	706	844	1030	1196	1402	1726
转舵速度 Rudder turning speed			deg./sec	65/28		65/28		65/28	
舵柄公称半径 Nominal tiller radius			mm	650		730		850	
柱塞泵直径 Diameter of ram			mm	240		270		300	
最大工作压力 maximum working oil			kg/cm2	185	220	190	220	180	220
			Mpa	18.1	21.6	18.6	21.6	17.6	21.6
安全阀压力 Safety valve pressure			kg/cm2	232	275	238	275	225	275
			Mpa	22.7	27.0	23.3	27.0	22.1	27.0
主要和辅助泵 With main and auxlliary pumps	电动机 Motor	输出×数量 Output×number	kW	25.3×225.3×2		34.5×242.6×2		45×250×2	
		转速 Speed	min-1	1800		1800		1800	
		超负荷 Overload	%/sec	200/60		200/60		200/60	
	泵型号×数量 Pump Type×Number			06V-FH2MK×2		1V-FH2MK×2		1V-FH2MK×2	
无辅助泵 Without auxlliary pumps	电动机 Motor	输出×数量 Output×number	kW	17.3×2		17.3×2	21.3×2	22×2	25×2
		转速 Speed	min-1	1800		1800		1800	
		超负荷 Overload	%/sec	200/60		200/60		200/60	
	泵型号×数量 Pump Type×Number			06V-FH2MK×2		06V-FH2MK×2		06V-FH2MK×2	
尺寸 Dimensions		A	mm	2600		2900		3225	
		B		2565		2865		3200	
		C		650		730		850	
		D		1015		1140		1315	
		E		760		910		910	
		F		240		260		285	
		G		1260		1395		1415	

DFT TYPE STEERING GEAR | DFT型舵机



DFT运行图
Operation diagram of DFT Type



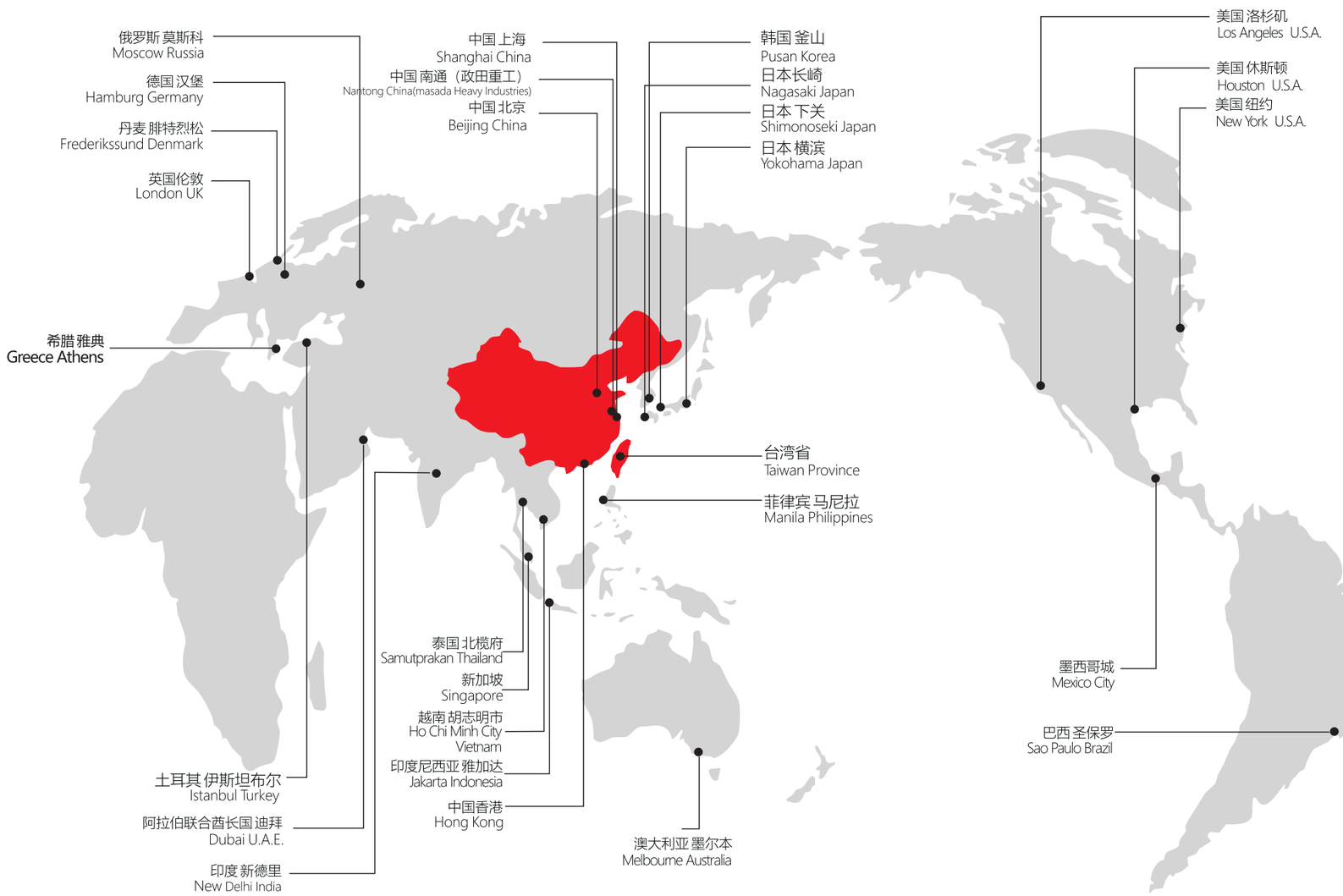
DFT外形尺寸
Dimension for DFT type

舵机主要产品规格和技术参数
Main specification and parameter for DFT type steering gear

DFT-60		DFT-80		DFT-125		DFT-170		DFT-200	DFT-250	DFT-300	DFT-335
52	62	74	91	105	126	140	172	207	244	291	351
510	608	726	892	1030	1236	1373	1687	2030	2393	2854	3442
65/28		65/28		65/28		65/28		65/28	65/28	65/28	65/28
470		520		580		650		715	730	780	850
170		195		220		240		250	270	285	300
185	220	180	220	180	215	180	220	220	220	220	220
18.1	21.6	17.6	21.6	17.6	21.1	17.6	21.6	21.6	21.6	21.6	21.6
232	275	225	275	225	269	225	275	275	275	275	275
22.7	27.0	22.1	27.0	22.1	26.4	22.1	27.0	27.0	27.0	27.0	27.0
17.3×2	21.3×2	25.3×2	25.3×2	34.5×2	42.6×2	51.8×2	51.8×2	63×2	86×2	86×2	96×2
1800		1800		1800		1800		1200	1200	1200	1200
200/60		200/60		200/60		200/60		200/60	200/60	200/60	200/60
06V-FH2B-MK×2		06V-FH2MK×2		1V-FH2MK×2		1V-FH2MK×2		3V-FH2MK×2	3V-FH2MK×2	3V-FH2MK×2	3V-FH2MK×2
12.7×2		12.7×2	17.3×2	17.3×2	21.3×2	25.3×2	25.3×2	34.5×2	42.6×2	51.8×2	51.8×2
1800		1800		1800		1800		1800	1800	1800	1800
200/60		200/60		200/60		200/60		200/60	200/60	200/60	200/60
06V-FH2B-MK×2		06V-FH2MK×2		06V-FH2MK×2		06V-FH2MK×2		06V-FH2MK×2	1V-FH2MK×2	1V-FH2MK×2	1V-FH2MK×2
1840		2000		2190		2380		2580	2650	2920	2990
1682		1845		2020		2225		2390	2505	2655	2845
470		520		580		650		715	730	780	850
895		970		1080		1150		1375	1385	1440	1510
1400		1625		1715		1800		1870	1885	1935	2005
190		205		220		240		255	260	275	285
217		1370		1370		1370		1480	1500	1510	1540

江苏政田—三菱 服务网络

JIANGSU MASADA-MITSUBISHI SERVICE NETWORK



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