



JUNG-A MARINE



www.jung-a.co.kr

JUNG-A MARINE

Hull Outfittings

Main PRODUCTS

Hull Outfittings

ACC. LADDER, PILOT SLANT LADDER
PILOT ROPE LADDER REEL
WINCH & MOTOR
WHARF LADDER
DAVIT, CAPSTAN
DECK MACHINERY

Accommodation Outfittings

WINDOW WIPER
CLEAR VIEW SCREEN
SUN SCREEN

New Products

HELIDECK
CABLE REEL FOR AMP SYSTEM



JUNG-A MARINE CO., LTD.

HEAD OFFICE & 1ST FACTORY
1469-5, Songjeong-dong, Gangseo-gu, Busan, Korea

TEL: 82-51-831-4147~9

FAX: 82-51-831-4908

Http://www.jung-a.co.kr
Domestic / E-mail : jabd@jung-a.co.kr
Oversea / E-mail : trade@jung-a.co.kr

2ND FACTORY
1489-1, Songjeong-dong, Gangseo-gu, Busan, Korea

3RD FACTORY
24, Jangpyeong-ri, Yongnam-myeon, Tongyeong-si, Gyeongsangnam-do, Korea

The advanced Technology of DHP Engineering unfolds a new future of our Customer and the future of the industry and economy.

History of JUNG-A MARINE

We are happy to be able to tell you that for the past 33rd years we have been engaged in manufacturing & exporting a great variety of out fittings to all over the world spreading a good reputation. Our excellent organization of conducting, manufacturing (export business) and close connections with the best sources of material supply have enabled us to supply goods in the best quality at competitive prices.

1970

1978. 05. Established Jung-A company and started to produce aluminum ladder.

1981. 04. Built a factory at 339-9, Jangnim-dong, Saha-gu, Busan and changed a former name to Jung-A Ship Stores Plant and started to produce shipbuilding equipments.

1984. 03. Joined Korea Shipbuilding Industry Cooperative.

1980

1990

- 1986. 01. Incorporated Jung-A Ship Stores Plant (Representative director : Yum Jeong-min)
- 1986. 07. Selected as a company for Small & Medium Business Interrelationship shipbuilding Joint Project, and produced shipboard Clear View Screen, Window Wiper, Accommodation Ladder, and Wharf Ladder.
- 1988. 12. Developed Clear View Screen Gas-Tight Type.
- 1990. 10. Appointed as Metal Committee Member for Quality Control from Industrial Advancement Administration.
- 1991. 02. Acquired "Q-Mark" on ladder from Korea Testing & Research Institute for Chemical Industry.
- 1996. 08. Moved to a new head office at 316-35, Jangrim-1dong, Saha-gu, Busan (Area: 1,650m², Building site: 660m²)
- 1997. 08. Yum Dae-bum appointed as a representative director.
- 1997. 10. Acquired WPS Certification. (AL 6061-T6)-LR
- 1998. 05. Acquired WPS Certification. (STEEL)-KR
- 1998. 07. Acquired WPS Certification. (AL)-DNV
- 1998. 11. Acquired ISO9001 Certification. (Accommodation Ladder)-DNV

2000

- 2001. 02. Moved to a new head office and factory in Noksan Industrial Complex at 1496-5, Songjeong-dong, Gangseo-gu, Busan (Area: 6,600m², Building site: 3,300m²)
- 2002. 08. Developed shipboard Sun Screen.
- 2003. 10. Developed Edge Self Parking Wiper.
- 2004. 01. Acquired WPS Certification.(STEEL)-DNV
- 2004. 05. Acquired WPS Certification.(STEEL)-LR
- 2004. 12. Acquired WPS Certification.(STEEL)-RINA
- 2005. 03. Acquired Sun Screen Type Approval Certification-ABS
- 2005. 09. Changed to Jung-A Marine Co., Ltd.
- 2006. 02. Acquired WPS Certification.(AL)-GL
- 2006. 07. Acquired Wiper and CVS Motor Certification.
- 2006. 12. Achieved total sales of KRW 205hundred million in 2006.
- 2007. 08. Acquired WPS Certification.(AL 5083)-LR
- 2007. 09. The first order received of the helideck.
- 2007. 10. Marine Week 2007 Exhibitor
- 2008. 10. Approved Research Institute by Government.
- 2008. 12. Promising Export Firm by SMBA of Korea
- 2009. 03. Achieved "Q"- mark (From Samsung Heavy Industries Co., Ltd.)
- 2009. 04. Certificated ISO 17899 for Window Wiper
- 2009. 11. Granted USD5 Million Export award
- 2009. 12. Achieved annual sales of 42 Billion won
- 2010. 11. Granted USD10 Million Export award
- 2011. 08. Acquired ISO 14001 Certification
- 2011. 08. Acquired OHSAS 18001 Certification

Main Factory

Marine Innovation for tomorrow

JUNG-A MARINE CO., LTD. Has progressed in professional manufacturing of ship's out fittings (accommodation ladder, wharf ladder, clear view screen, window wiper, davit, portable ladder and etc.).

We are happy to be able to tell you that for the past 33rd years we have been engaged in manufacturing & exporting a great variety of out fittings to all over the world spreading a good reputation. Our excellent organization of conducting, manufacturing (export business) and close connections with the best sources of material supply have enabled us to supply goods in the best quality at competitive prices.

So we convince that we can compete successfully in both quality and price.
We welcome your interest in our company and products and remain with best regards.

Panoramic view of the Company

Main Factory 1469-5 Songjeong-Dong, Gangseo-Gu, Busan, Korea

Main Business List

ACC. LADDER	: VERTICAL STOWING SYSTEM / HORIZONTAL STOWING SYSTEM 180° TURN-OVER STOWING SYSTEM / TELESCOPIC SYSTEM	WINDOW WIPER	: EDGE SELF PARKING TYPE / STRAIGHT-LINE TYPE / PANTOGRAPH TYPE
WHARF LADDER	: SOLID GIRDER TYPE / CURVED STEP TYPE	CLEAR VIEW SCREEN	: GAS TIGHT TYPE / WEATHER PROOF TYPE
		SUN SCREEN	: SPRING ROLLER BLIND TYPE / CHAIN CLUTCH TYPE

JUNG-A 2nd Factory

www.jung-a.co.kr



2nd Factory
1489-1, Songjeong-dong, Gangseo-gu, Busan, Korea

Main Business List

- ROPE LADDER REEL : FIXED TYPE / TRAVELLING TYPE
- WINCH & MOTOR : ELECTRIC TYPE / AIR DRIVEN TYPE
- DECK MACHINERY : DAVIT / FIRE WIRE REEL / CAPSTAN

JUNG-A 3rd Factory (Tongyeong)



3rd Factory
24, Jangpyeong-ri, Yongnam-myeon,
Tongyeong-si, Gyeongsangnam-do, Korea

Main Business List

- HELIDECK
- HATCH
- CABLE REEL FOR AMP SYSTEM
- SPECIAL ORDER PRODUCT

Accommodation Ladder

ACCOMMODATION LADDER : Accommodation ladder is used when the passenger get on or off the ship.

This product is working by using the power plant of the electricity, air, etc... It classify the generally three types of VERTICAL STOWING TYPE, 180° TURN OVER TYPE and HORIZONTAL STOWING TYPE according to the stowing method of the ladder and they are decided by the ship's shape or the owner's request.

This product has many cases that must get the ship's class or the authority according to the condition of the ship's navigation.

General Description

ACCOMMODATION LADDER

Material

Extruded aluminum alloy and steel

Surface finishing

Aluminum part to be finished with aluminum color by maker's practice.
Steel part to be hot dip galvanizwd or aluminum color coating.

Construction

- 1) Nominal length (L) : 5m-30m
- 2) Standard breadth (B) : 600mm
- 3) Nominal inclination : 55 degrees (NMD : 50 degrees)
- 4) Winch operation : Electric or Air Source.

1. VERTICAL STOWING TYPE
 - PILOT ACCESS LADDER SYSTEM
 - TORQUE TUBE LADDER SYSTEM
 - TELESCOPIC LADDER SYSTEM
 - PILOT PLATFORM LADDER SYSTEM
2. HORIZONTAL STOWING TYPE
 - SIDE ROLLING TRACKWAY LADDER SYSTEM
 - PILOT PLATFORM LADDER SYSTEM
3. TURN-OVER STOWING TYPE
 - 180° TURN-OVER TYPE SYSTEM
 - PILOT PLATFORM LADDER SYSTEM

STEPS TOWARDS THE FUTURE

JUNG-A marine makes the future with the challenge to a new world and unswerving R & D efforts. You shall be assured of our efforts for the world-highest precision and quality.

www.jung-a.co.kr

We create customer impression beyond customer satisfaction / Customer

STEPS TOWARDS THE FUTURE

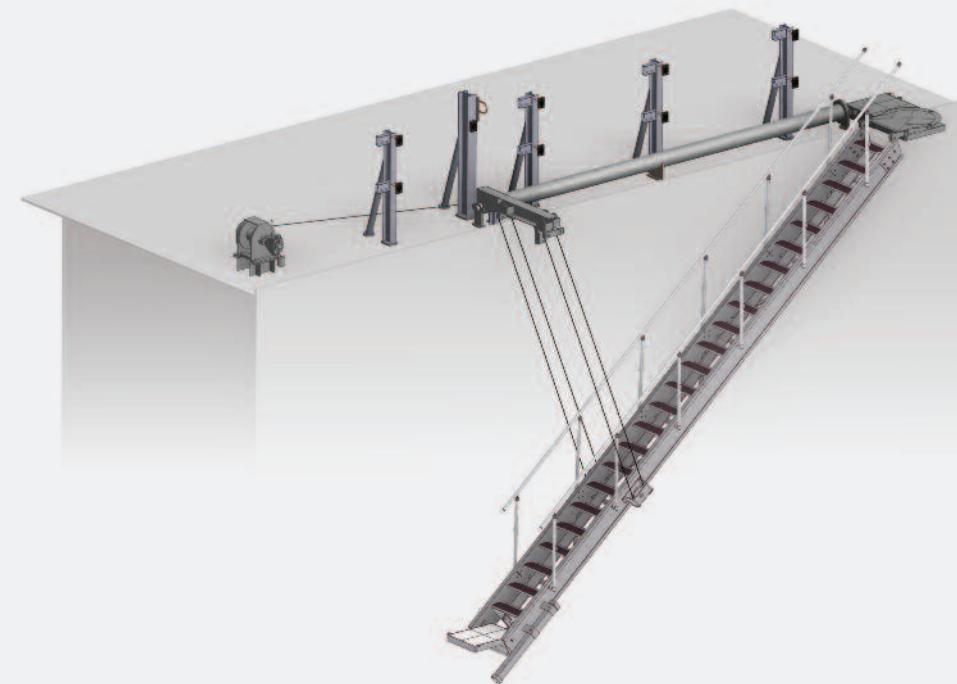
JUNG-A marine makes the future with the challenge to a new world and unswerving R & D efforts. You shall be assured of our efforts for the world-highest precision and quality.

www.jung-a.co.kr

Marine Innovation / JUNG-A MARINE CO., LTD. 10 x 11

We create customer impression beyond customer satisfaction / Customer

Vertical stowing type TORQUE TUBE LADDER SYSTEM



Hull Outfittings / Acc Ladder

TORQUE TUBE LADDER SYSTEM

This equipment has wire arrangement that the ladder can be stowed or turned-out at one position.

Simple in structure and free from any torsional strain to the ladder in its stowing by means of TORQUE TUBE connected to davit arm and upper platform.

Ladder of 5 to 13 meters length is effective in this type.

Automatically operated and stowed at vertical position.

Either electric source or air motor is available as power source for operation.

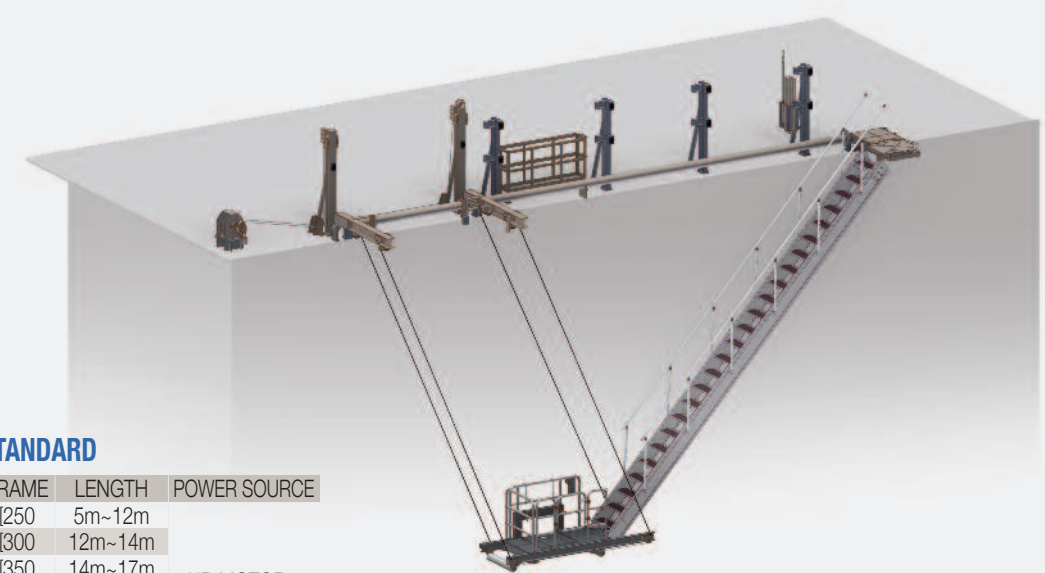
샤후트 방식의 수직 격납 현측사다리

이 장치는 한 지점에서 사다리를 격납하고, 사다리를 사용하기 위해 사다리를 풀어 내 놓을 때, 와이어 로프 배열에 의한 간단한 구조로써 사다리가 다비트와 상부 플랫폼에 연결된 토크-튜브(스핀들 파이프)에 의해 비트는 힘을 완전히 흡수하여 최대한 간단히 격납된다. 이 형식의 사다리가 적용될 수 있는 사다리 길이는 5m~13m가 적당하다.

현측사다리의 격납 및 하강은 자동 장치를 이용하여 원-터치(one-touch) 작동이 가능하다.

작동용 동력은 전력 혹은 에어모타로써 선택될 수 있다.

Vertical stowing type PILOT PLATFORM LADDER SYSTEM



Hull Outfittings / Acc Ladder

STANDARD

FRAME	LENGTH	POWER SOURCE
[250	5m~12m	AIR MOTOR & ELEC. MOTOR
[300	12m~14m	
[350	14m~17m	
[400	17m~19m	
[450	19m~21m	
[500	21m~23m	
[600	23m~27m	

PILOT PLATFORM LADDER SYSTEM

VERTICAL STOWING

A pilot platform, fitted with a trap-door and a conventional pilot ladder, is attached to the lower end of an accommodation ladder, this platform is always horizontal, hanging in 4 wires.

Pilot climbs through the trap-door and to the horizontal platform without dangerous transferring between the accommodation ladder and the pilot ladder.

Lights can be fitted on the platform for a safe pilot access at night.

Either electric or air power source can be used for winch operation.

소형 플랫폼이 부착된 파이롯트 전용 현측사다리 (수직격납장치)

도선사(파이롯트) 전용의 소형 플랫폼 위로 오르는 작은 문이 있고, 관례적으로 현측사다리 하부에 부착되어 있다.

이 플랫폼은 4개의 와이어 로프로 매달려 있고, 항상 수평 상태를 유지한다.

파이롯트는 선박 승선을 현측사다리와 파이롯트 사다리를 위험없이 수평으로 된 플랫폼의 작은 문을 통하여 쉽게 할 수 있다.

소형 플랫폼에는 야간 승·하선시 안전을 위하여 조명을 부착할 수 있다.

작동용 동력을 전력 혹은 에어모타로써 선택될 수 있다.

STEPS TOWARDS THE FUTURE

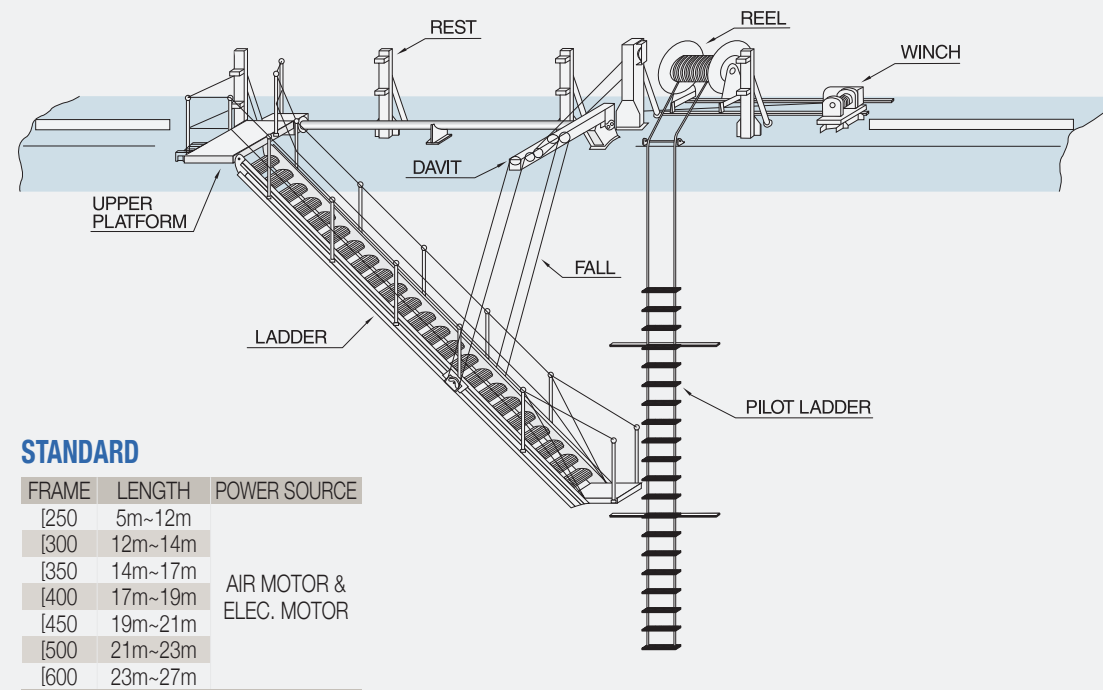
JUNG-A marine makes the future with the challenge to a new world and unswerving R & D efforts. You shall be assured of our efforts for the world-highest precision and quality.

www.jung-a.co.kr

We create customer impression beyond customer satisfaction / Customer

Vertical stowing type PILOT ACCESS LADDER SYSTEM

Vertical stowing type TELESCOPIC LADDER SYSTEM



PILOT ACCESS LADDER SYSTEM VERTICAL STOWING

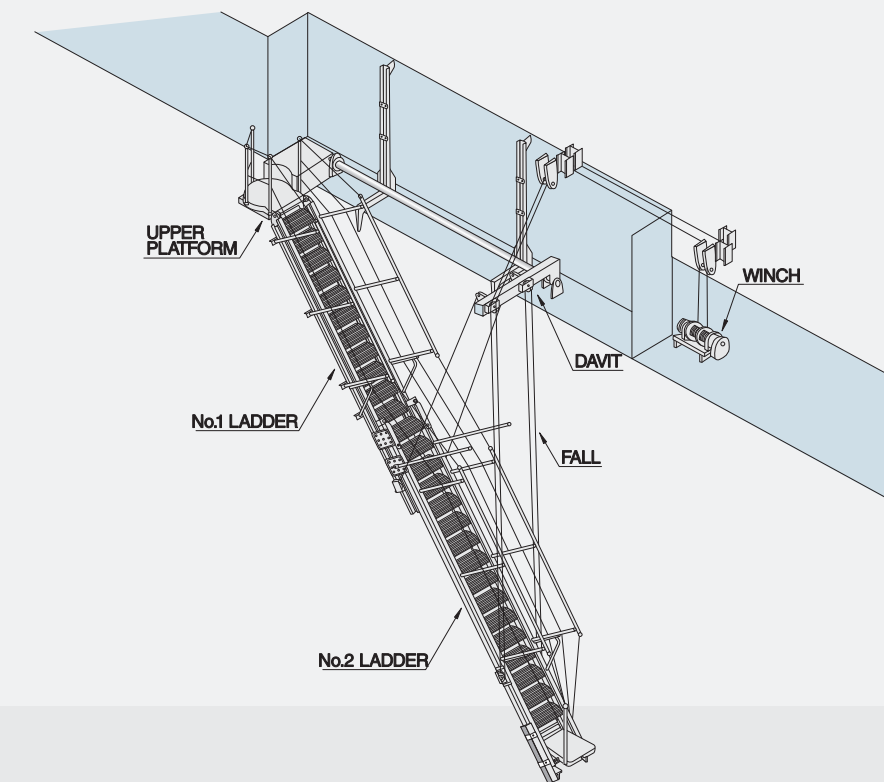
This is specially designed for safe and convenient pilot access with combination of an accommodation ladder and a conventional pilot ladder.

Automatically lowered, hoisted and stowed with high safety.

Either electric or air power source can be used for winch operation.

파이롯트 전용식 수직 격납 현측사다리

이 장치는 파이롯트 전용으로 안전하게 설계되어진 자동 현측 격납 장치로서, 자동적으로 하강, 호이스팅(인양) 격납되는, 안전성이 높은 장치로, 현측사다리의 역할을 겸할 수 있어 호평을 받고 있다. 작동용 동력을 전력 혹은 에어모타로써 선택될 수 있다.



TELESCOPIC LADDER SYSTEM

This ladder system is telescopic type specially designed for application to a narrow storage space. A forced movement by wiring assures smooth slide of upper and lower ladders.

Hoisting, telescopic motion and stowing can be carried out automatically by a single operation for smooth vertical stowing.

Either electric or air motor is available as power source for operation.

신축(伸縮)식 수직 격납 현측사다리

이 사다리 장치는 격납 후 보관 장소가 좁아 특별설계 되어진 것으로 신축식 현측사다리라고 한다. 와이어의 강제 작동으로 사다리의 상부와 하부가 원활히 미끌어진다. 호이스팅(인양), 신축, 격납이 원-터치로 자동적으로 되며 한 번 조작으로 원활히 수직 격납된다. 작동용 동력은 전력 혹은 에어모타로써 선택될 수 있다.

STEPS TOWARDS THE FUTURE

JUNG-A marine makes the future with the challenge to a new world and unswerving R & D efforts. You shall be assured of our efforts for the world-highest precision and quality.

www.jung-a.co.kr

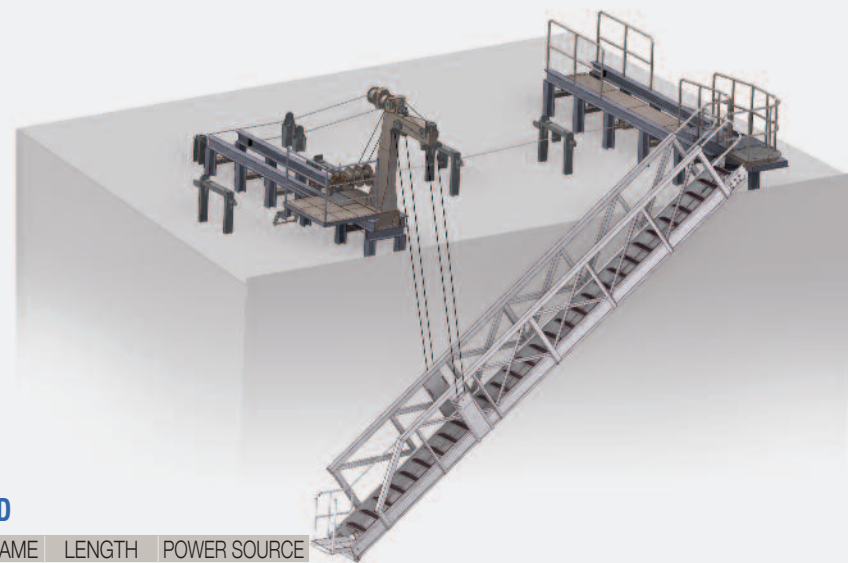
Marine Innovation / JUNG-A MARINE CO., LTD. 14+15

We create customer impression beyond customer satisfaction / Customer

Horizontal stowing type SIDE ROLLING TRACKWAY LADDER SYSTEM

Horizontal stowing type PILOT PLATFORM LADDER SYSTEM

Hull Outfittings / Acc Ladder



STANDARD

TYPE	FRAME	LENGTH	POWER SOURCE
FIXED	[300	12m~14m	AIR MOTOR & ELEC. MOTOR
	[350	14m~17m	
	[400	17m~19m	
	[450	19m~21m	
	[500	21m~23m	
TRUSS	TRUSS	23m~30m	

SIDE ROLLING TRACKWAY LADDER SYSTEM / HORIZONTAL STOWING

This ladder equipment is designed for large-scaled ships.

Both ends of the ladder can be simultaneously stowed in parallel by the rails provided under davit and upper platform.

The ladder can be smoothly and automatically lowered, hoisted and stowed by simple operation of a lever of control stand provided at a ship side.

Either electric or air power source can be used for winch operation.

레일에 구르는 수평격납식 현측사다리

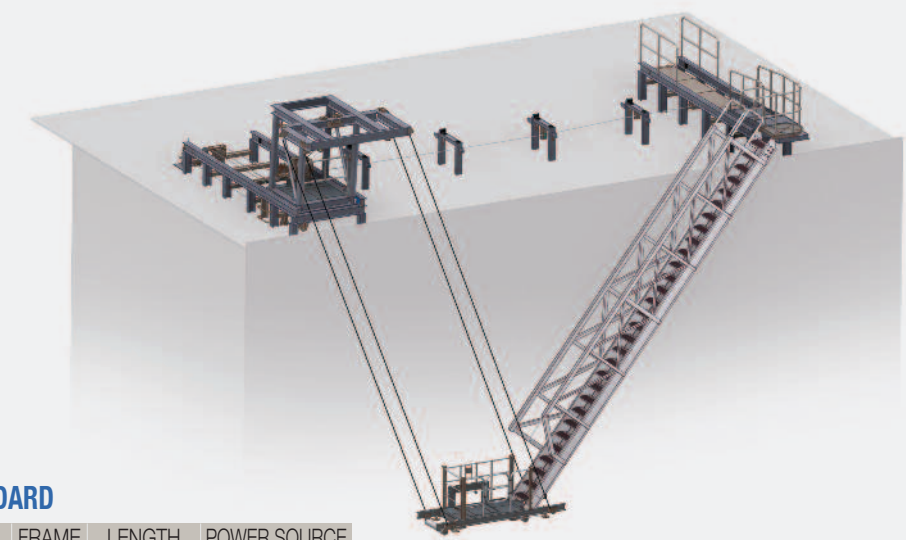
이 장치는 대형선용으로 설계되어진 사다리이다.

다비트와 상부 플랫폼이 레일 위에 있어 수평으로 동시에 사다리가 격납된다.

호이스트(인양), 하강 격납이 현측에 설치된 컨트롤 스탠드 레바의 조작으로 간단하고 원활히 원터치로써 작동된다.

작동용 동력은 전력 혹은 에어모타로써 선택될 수 있다.

Hull Outfittings / Acc Ladder



STANDARD

TYPE	FRAME	LENGTH	POWER SOURCE
FIXED	[300	12m~14m	AIR MOTOR & ELEC. MOTOR
	[350	14m~17m	
	[400	17m~19m	
	[450	19m~21m	
	[500	21m~23m	
TRUSS	TRUSS	23m~30m	

PILOT PLATFORM LADDER SYSTEM / HORIZONTAL STOWING

The ladder is horizontally stowed in parallel along the rail installed under davit and upper platform.

A pilot platform, fitted with a trap-door and a conventional pilot ladder, is attached to the lower end of an accommodation ladder. This platform is always horizontal, hanging in 4 wires.

Pilot climbs through the trap-door and to the horizontal platform without dangerous transferring between the accommodation ladder and the pilot ladder.

Lights can be fitted on the platform for a safe pilot access at night.

Either electric or air power source can be used for winch operation.

소형 플랫폼이 부착된 파이롯트 전용 현측사다리(수평식격납장치)

이 장치는 다비트와 상부 플랫폼이 일렬로 나란히 된 레일 위에 수평으로 격납된다.

도선사 전용의 소형 플랫폼은 플랫폼 위로 오르는 작은 문이 있고, 관례적으로 현측사다리의 하부에 부착되어 있다.

파이롯트는 선박 승선시 현측사다리 사이에서 위험부담 없이 수평으로 된 소형의 플랫폼 문을 통하여 안전하게

승선할 수 있는 특수한 현측사다리이다.

소형 플랫폼에는 야간 승·하선시에 조명을 부착할 수 있다.

작동용 동력을 전력 혹은 에어모타로써 선택될 수 있다.

STEPS TOWARDS THE FUTURE

JUNG-A marine makes the future with the challenge to a new world and unswerving R & D efforts. You shall be assured of our efforts for the world-highest precision and quality.

www.jung-a.co.kr

Marine Innovation / JUNG-A MARINE CO., LTD. 16+17

We create customer impression beyond customer satisfaction / Customer

Turn-over type 180° TURN-OVER TYPE SYSTEM

Turn-over type PILOT PLATFORM LADDER SYSTEM

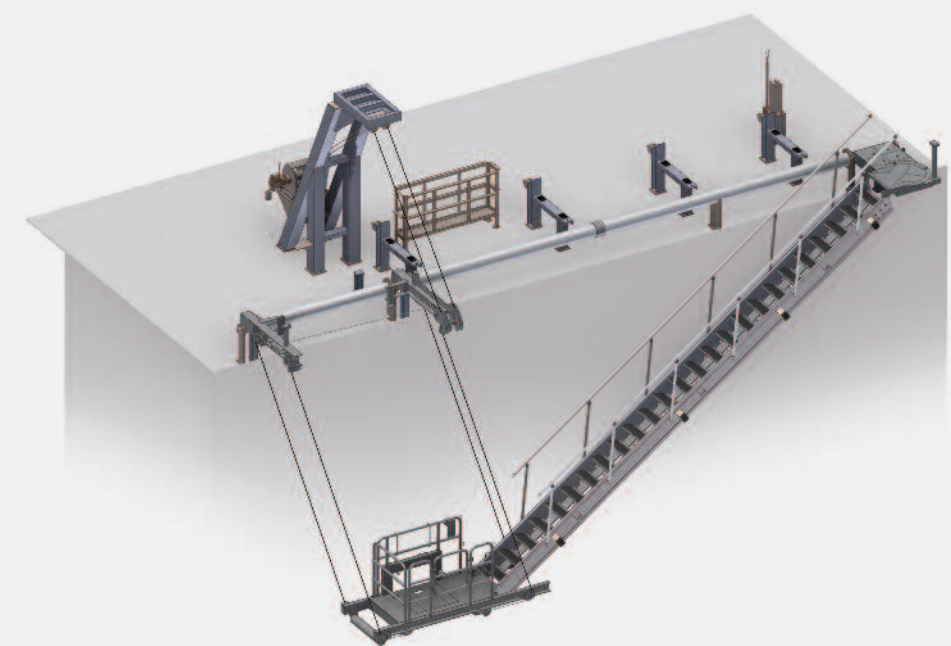
Hull Outfittings / Acc Ladder



180° TURN-OVER TYPE SYSTEM

The wire arrangement is simple and minimizes time for lowering and hoisting the ladder.
Any torsional stain to the ladder in stowing can be completely absorbed by torque tube connected to davit arm and upper platform.
The ladder is free from being damaged or washed overboard on a voyage as it is stowed into the coffin as illustrated above.
Each of two wires for lowering and hoisting are selfsustaining, which ensures high reliability.
Either electric or air power source can be used for winch operation.

Hull Outfittings / Acc Ladder



180° 회전 격납형 현측사다리

사다리의 승·하강의 시간이 최소화되고 와이어로프의 배열이 간단한 장치이다.
사다리가 격납시 비틀리는데 다비트와 상부 플랫폼에 연결된 토-크 튜브(스핀들 파이프)에 완전히 흡수된다.
위의 그림에서 보듯이 코핀(보관상자)속으로 보관되기 때문에 항해중 심한 파도에 떨어져 나가거나 파손을 입을 경우가 없다.
사다리의 승·하강용으로 2개의 와이어가 각각 독립적으로 지지하고 있으므로 굉장히 안전한 장치다.
작동용 동력은 전력 혹은 에어모타로써 선택될 수 있다.

STEPS TOWARDS THE FUTURE

JUNG-A marine makes the future with the challenge to a new world and unswerving R & D efforts. You shall be assured of our efforts for the world-highest precision and quality.

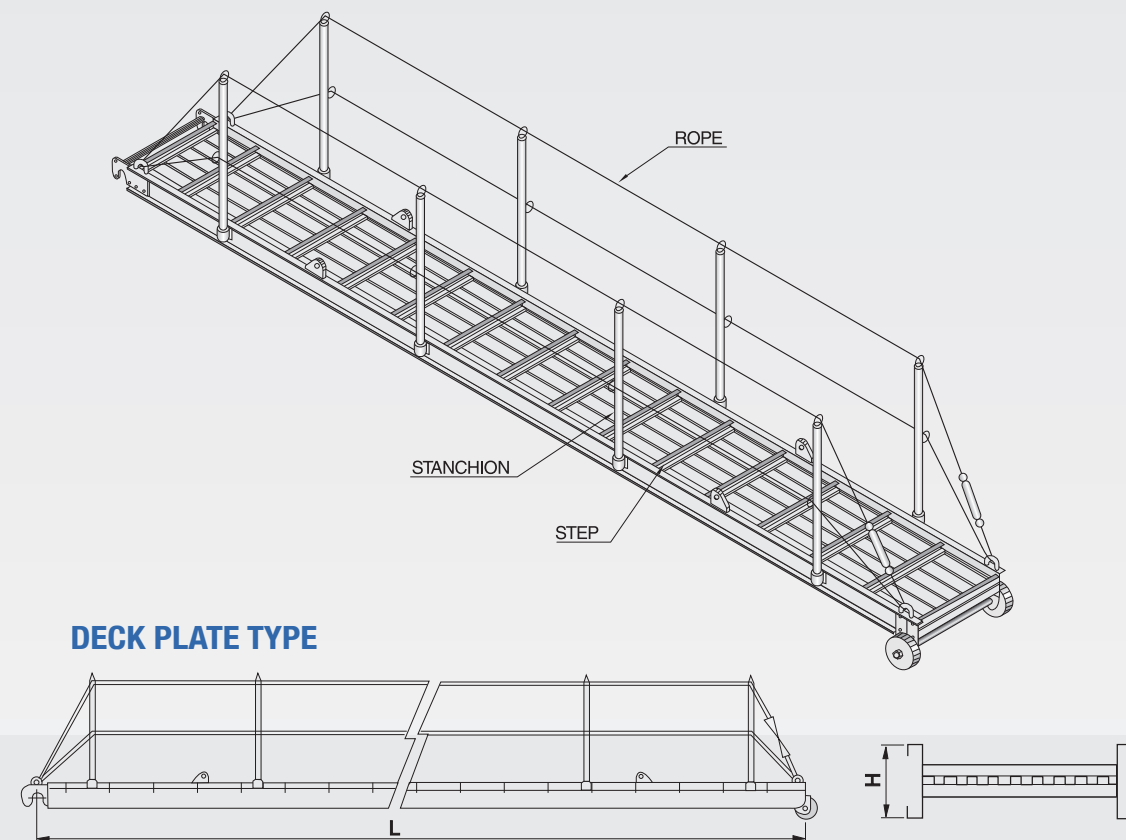
www.jung-a.co.kr

We create customer impression beyond customer satisfaction / Customer

Wharf ladder DECK PLATE STEP TYPE

Wharf ladder CURVED STEP TYPE

Hull Outfittings / Wharf Ladder



DECK PLATE TYPE

This ladder is effective for ships of small slant ladder and ship(-30~0~30)° Two section type can be used for long size ladder.(Upper section and lower section are separated in stock.)

이 사다리는 배와 육지의 경사가 완만한 곳(-30~0~30)° 에 사용이 가능한 제품이다. 협소한 격납공간에 유리하도록 두 부분으로 나눌 수 있는 TWO SECTION TYPE도 가능하다.

TYPE : SOLID GIRDER TYPE

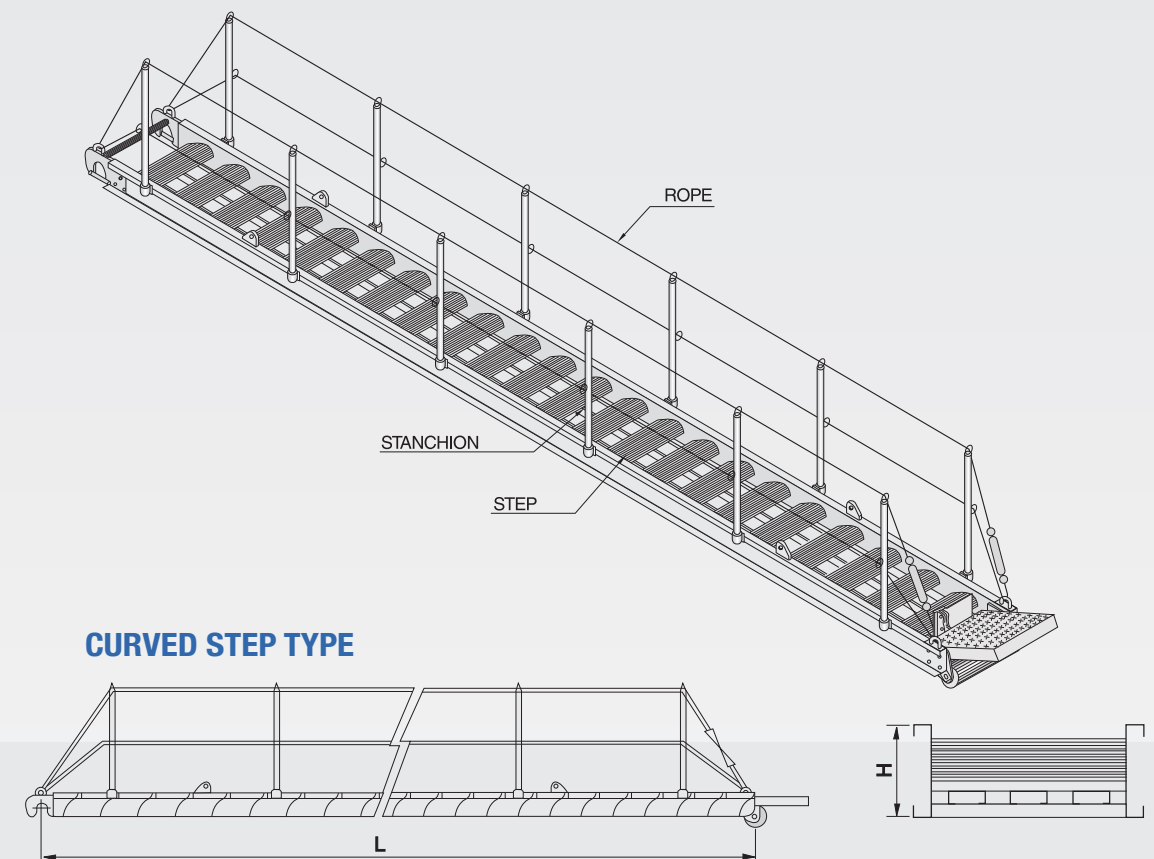
1. Material : Extruded aluminum alloy
2. Surface finishing : Finished with aluminum color by maker's practice.
3. Normal
 - 1) Normal length (L) : 3m-27m
 - 2) Standard breadth (B) : 600mm

STANDARD

(UNIT : mm)

DECK TYPE		CURVED STEP TYPE	
L (m)	H	L (m)	H
3-6	150	6-10	225
7-9	225	11	250
10-11	250	12-13	300
12-13	300	14-15	350
14-15	350	16-17	400
16-17	400	18-19	450
18-19	450	20	500
20	500		

Hull Outfittings / Wharf Ladder



CURVED STEP TYPE

This ladder uses curved step of Accommodation ladder and Normal inclination of ladder for pier and ship to be 55 degrees to horizontal. Above ladder is made of anti-corrosive aluminum alloy. Any length of ladder is available on customer's request.

이 사다리는 ACCOM. LADDER CURVED STEP을 사용하여 배와 육지의 경사가 급한경우(0~55)° 에 사용이 가능한 제품이다. 이 사다리는 방식에 강한 알루미늄으로 만들어졌다. 이 사다리의 길이는 주문에 의하여 정해진다.

TYPE : SOLID GIRDER TYPE

1. Material : Extruded aluminum alloy
2. Surface finishing : Finished with aluminum color by maker's practice.

3. Normal

- 1) Normal length (L) : 3m-27m
- 2) Standard breadth (B) : 600mm

STEPS TOWARDS THE FUTURE

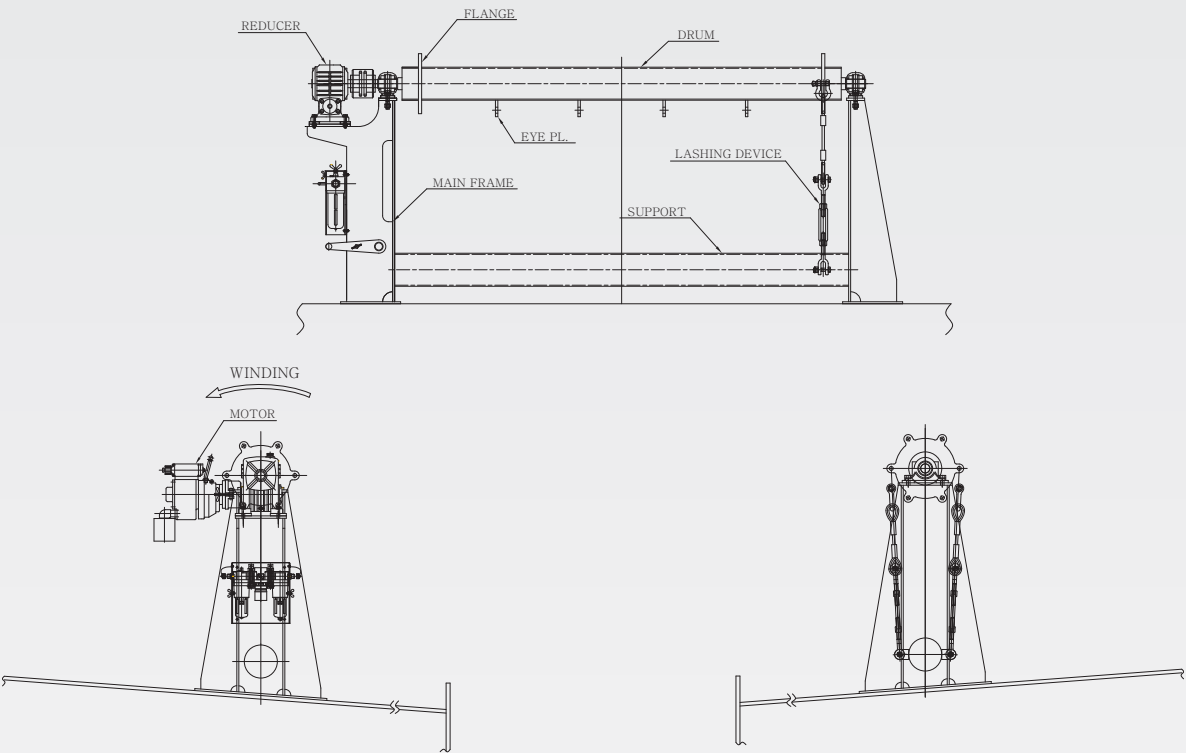
JUNG-A marine makes the future with the challenge to a new world and unswerving R & D efforts. You shall be assured of our efforts for the world-highest precision and quality.

www.jung-a.co.kr

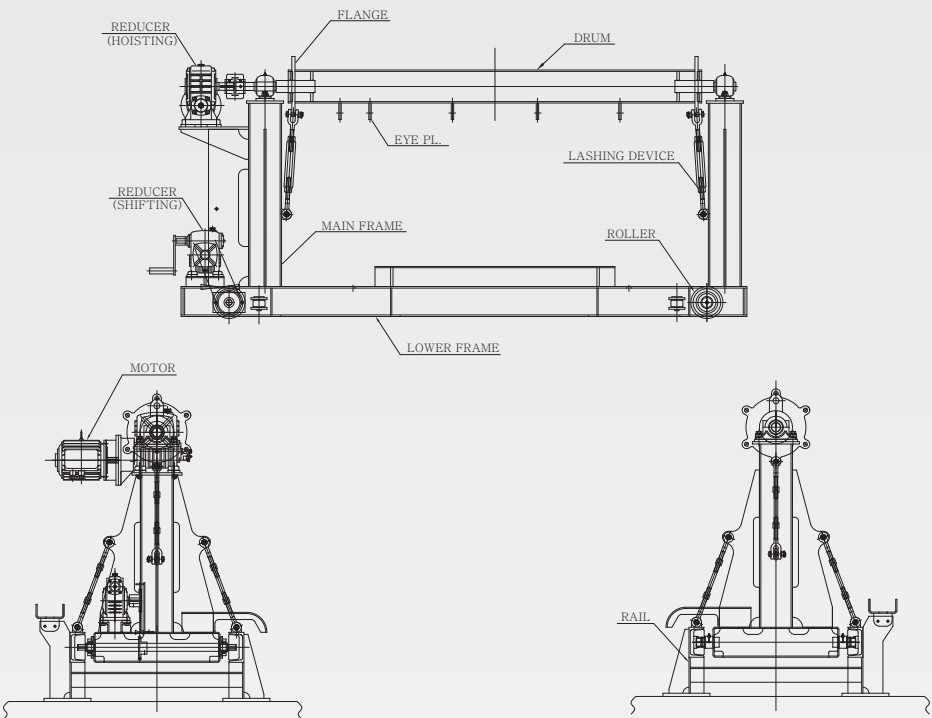
We create customer impression beyond customer satisfaction / Customer

PILOT ROPE LADDER REEL

FIXED TYPE



TRAVELLING TYPE



Hull Outfittings / Acc Ladder

Hull Outfittings / Acc Ladder

STEPS TOWARDS THE FUTURE

JUNG-A marine makes the future with the challenge to a new world and unswerving R & D efforts. You shall be assured of our efforts for the world-highest precision and quality.

www.jung-a.co.kr

We create customer impression beyond customer satisfaction / Customer

GANGWAY

Hull Outfittings / GangWay



This ladder is used for the harbor where the difference of the ebb and flow of the tide is big. It is consisted with two big parts such as fork-lift, hydraulic device and ladder part. It is operated by Pneumatic Cylinder.

이 사다리는 조수간만의 차이가 심한 항만에 사용되며, 구성은 지게차와 유압장치 및 사다리 Part로 크게 구성된다. 작동은 유압실린더에 의해 작동된다.

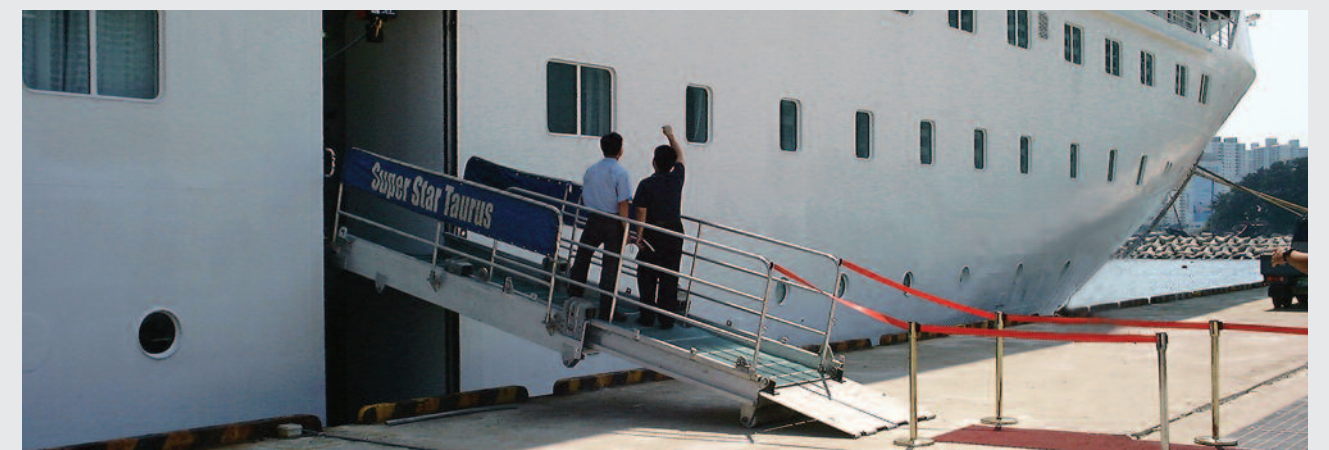


Hull Outfittings / GangWay



The top and bottom height is adjusted by the strong motor operation that is used for boarding / leaving the boat. It is consisted with Aluminum Part and Steel Part. It is operated by remote control device with using electric motor.

배의 승·하선용으로 사용되며, 강력한 모터의 작동으로 상하 높낮이가 조절되고, 조수간만이 심한 장소에 용이함. 구성은 Aluminum Part와 Steel Part로 구성되며, 작동은 전기 모터에 의한 원격 조정장치에 의해 작동된다.



General Description

DAVIT



Fuel Oil Hose Handling Davit



Fuel Oil Hose Handling Davit
(Mono Rail Type)



Suez Mooring Boat Handling Davit
(4t, Air Type)



Cargo Crane (2t, Hydro-ele'c Type)



STEPS TOWARDS THE FUTURE

JUNG-A marine makes the future with the challenge to a new world and unswerving R & D efforts. You shall be assured of our efforts for the world-highest precision and quality.

www.jung-a.co.kr

We create customer impression beyond customer satisfaction / Customer

STEPS TOWARDS THE FUTURE

JUNG-A marine makes the future with the challenge to a new world and unswerving R & D efforts. You shall be assured of our efforts for the world-highest precision and quality.

www.jung-a.co.kr

We create customer impression beyond customer satisfaction / Customer

DAVIT

Hull Outfittings / Davit



PUMP ROOM DAVIT
(0.9t, air type)



BOSUN STORE DAVIT
(0.5t, air type)



PROVISION DAVIT
(0.9t, air type)



FUEL OIL HOSE HANDLING DAVIT
(0.5t, air type)



SLUDGE HANDLING DAVIT
(0.2t, air type, socket)



SLUDGE HANDLING DAVIT
(0.3t, air type, portable)

Hull Outfittings / Davit

STEPS TOWARDS THE FUTURE

JUNG-A marine makes the future with the challenge to a new world and unswerving R & D efforts. You shall be assured of our efforts for the world-highest precision and quality.

www.jung-a.co.kr

We create customer impression beyond customer satisfaction / Customer

DAVIT

Hull Outfittings / Davit

SUEZ MOORING BOAT HANDLING DAVIT
(4t, air type)



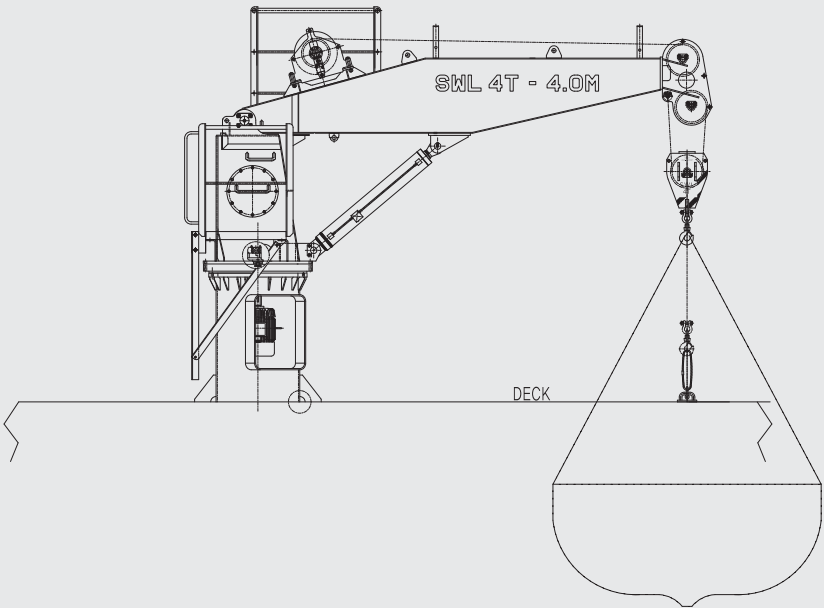
SUEZ MOORING BOAT HANDLING DAVIT
(4t, elec type)



Hull Outfittings / Davit



SUEZ MOORING BOAT HANDLING DAVIT
(4t, hydro-ele'c Type)



STEPS TOWARDS THE FUTURE

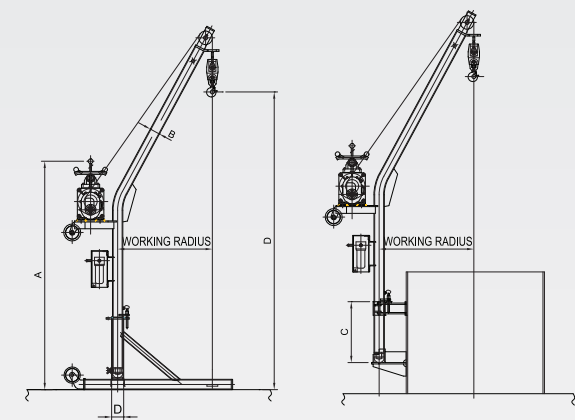
JUNG-A marine makes the future with the challenge to a new world and unswerving R & D efforts. You shall be assured of our efforts for the world-highest precision and quality.

www.jung-a.co.kr

We create customer impression beyond customer satisfaction / Customer

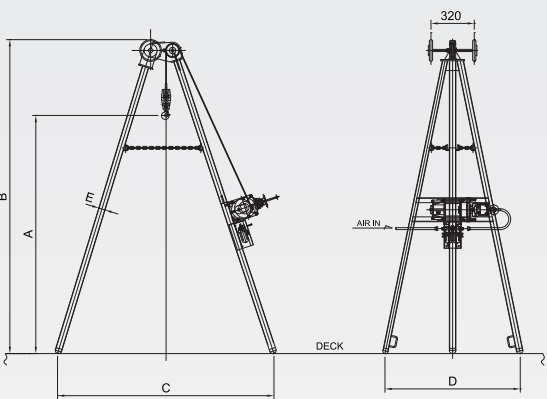
DAVIT

PORTABLE TYPE SMALL DAVIT



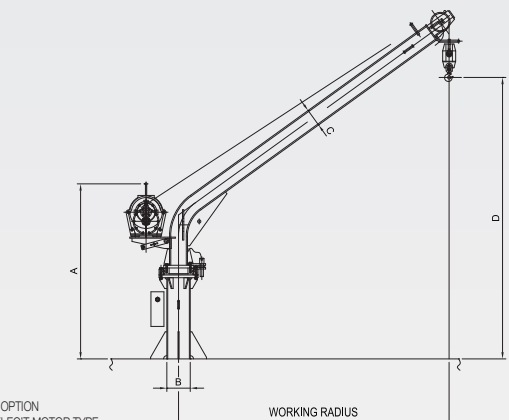
Safety Working Load(Ton)	Working Radius (M)	Hoisting Speed (M/Min)	Dimensions(mm)			
			A	B	C	D
0.1			1300~1650 STPG 50A PIPE	300~450	2000~2700	
0.2~0.25	0.5~0.7	25	1300~1650 STPG 65A PIPE	300~450	2000~2700	
0.3			1300~1650 STPG 65A PIPE	300~450	2000~2700	

PORTABLE TYPE TRIPOD DAVIT



Safety Working Load(Ton)	Working Radius (M)	Hoisting Speed (M/Min)	Dimensions(mm)				
			A	B	C	D	E
0.2	-	25	2500	3200	1600	1100	STPG 50A PIPE
0.5	-	25	2500	3200	1600	1100	STPG 65A PIPE

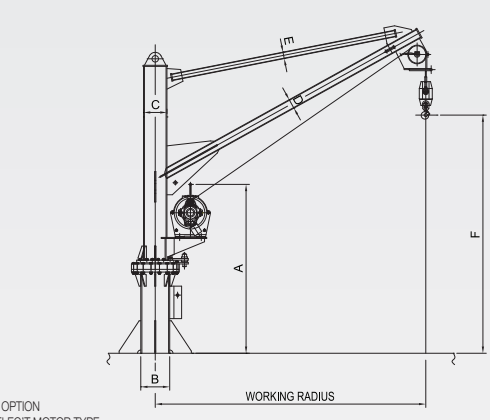
BOOM BENDING TYPE SMALL DAVIT



※ OPTION
•ELECT MOTOR TYPE
•SLEWING REDUCER TYPE

Safety Working Load(Ton)	Working Radius (M)	Hoisting Speed (M/Min)	Dimensions(mm)			
			A	B	C	D
0.3	1.0~3.0		1300~1650	STPG 200A PIPE	STPG 150A PIPE	2000~2700
0.5	1.0~3.0	10	1300~1650	STPG 200A PIPE	STPG 150A PIPE	2000~2700
1.0	1.0~3.0		1300~1650	STPG 300A PIPE	STPG 250A PIPE	2000~2700

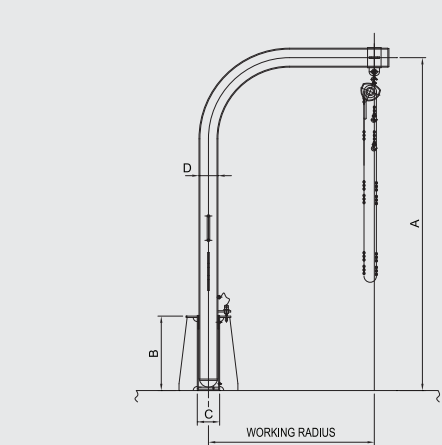
BOOM&STAY WELDING TYPE SMALL DAVIT



※ OPTION
•ELECT MOTOR TYPE
•SLEWING REDUCER TYPE

Safety Working Load(Ton)	Working Radius (M)	Hoisting Speed (M/Min)	Dimensions(mm)					
			A	B	C	D	E	F
0.5	2.0~4.0		1300~1650 STPG 250A PIPE	STPG 200A PIPE	STPG 80A PIPE	STPG 50A PIPE	2000~2700	
1.0	2.0~4.0	10	1300~1650 STPG 300A PIPE	STPG 250A PIPE	STPG 80A PIPE	STPG 50A PIPE	2000~2700	
2.0	2.0~4.0		1300~1650 STPG 350A PIPE	STPG 300A PIPE	STPG 100A PIPE	STPG 65A PIPE	2000~2700	

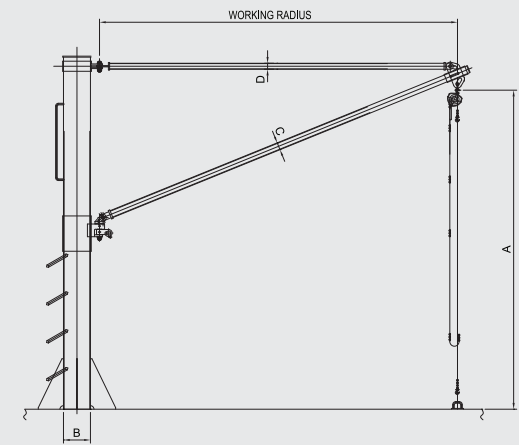
MANUAL TYPE SMALL DAVIT



※ OPTION
•ELECT MOTOR TYPE
•SLEWING REDUCER TYPE

Safety Working Load(Ton)	Working Radius (M)	Hoisting Method	Dimensions(mm)			
			A	B	C	D
0.5	1.0~1.2	Chain block	2000~2800	550	STPG 150A PIPE	STPG 125A PIPE
1.0	1.0~1.2	Chain block	2000~2800	550	STPG 150A PIPE	STPG 125A PIPE

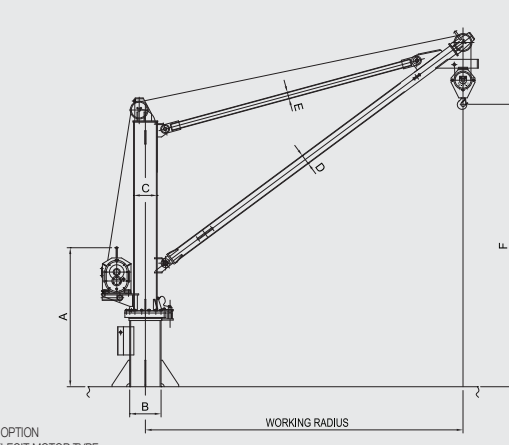
MANUAL TYPE SMALL DAVIT



※ OPTION
•ELECT MOTOR TYPE
•SLEWING REDUCER TYPE

Safety Working Load(Ton)	Working Radius (M)	Hoisting Method	Dimensions(mm)			
			A	B	C	D
0.5	2.0~4.0	Chain block	2000~2800	STPG 65A PIPE	STPG 150A PIPE	STPG 40A PIPE
1.0	3.0~4.0	Chain block	2000~2800	STPG 80A PIPE	STPG 150A PIPE	STPG 50A PIPE

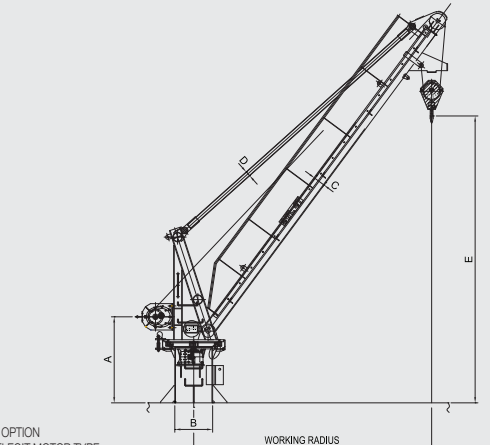
BOOM&STAY PIN TYPE SMALL DAVIT



※ OPTION
•ELECT MOTOR TYPE
•SLEWING REDUCER TYPE

Safety Working Load(Ton)	Working Radius (M)	Hoisting Speed (M/Min)	Dimensions(mm)					
			A	B	C	D	E	F
0.5	2.0~4.0		1300~1650 STPG 250A PIPE	STPG 200A PIPE	STPG 80A PIPE	STPG 50A PIPE	2000~3000	
1.0	2.0~4.0	10	1300~1650 STPG 300A PIPE	STPG 250A PIPE	STPG 80A PIPE	STPG 50A PIPE	2000~3000	
2.0	2.0~4.0		1300~1650 STPG 350A PIPE	STPG 300A PIPE	STPG 100A PIPE	STPG 65A PIPE	2000~3000	

SUEZ MOORING BOAT HANDLING DAVIT



※ OPTION
•ELECT MOTOR TYPE
•SLEWING REDUCER TYPE

Safety Working Load(Ton)	Working Radius (M)	Hoisting Speed (M/Min)	Dimensions(mm)				
			A	B	C	D	E
4.0	2.0~3.5		1500	ø660	STPG 200A PIPE	STPG 80A PIPE	2500~5000
4.0	3.6~4.2	AIR MOTOR:4 ELEC MOTOR:10	1500	ø660	STPG 200A PIPE	STPG 80A PIPE	2500~5000
4.0	4.3~4.5		1500	ø660	STPG 250A PIPE	STPG 100A PIPE	2500~5000



General Description

AIR MOTOR



	RPM HP	200	300	450	550	600	660	680	750	850	1200	1800
	1.6	●	●	●	○	●	○	○	○	●	○	○
	2.5	●	●	●	○	●	○	○	○	●	○	○
	3.5	●	●	●	○	●	○	○	○	●	●	○
	4.5	●	●	●	○	●	○	○	●	●	○	○
	5.5	●	●	●	○	●	○	○	●	○	○	○
	7.3	●	○	●	●	●	●	○	●	○	●	●
	10	○	●	○	●	●	○	●	●	○	●	●
	15	○	●	○	●	●	○	●	●	○	●	●
	25	—	—	—	—	—	—	—	—	—	—	●

STEPS TOWARDS THE FUTURE

JUNG-A marine makes the future with the challenge to a new world and unswerving R & D efforts. You shall be assured of our efforts for the world-highest precision and quality.

www.jung-a.co.kr

We create customer impression beyond customer satisfaction / Customer

STEPS TOWARDS THE FUTURE

JUNG-A marine makes the future with the challenge to a new world and unswerving R & D efforts. You shall be assured of our efforts for the world-highest precision and quality.

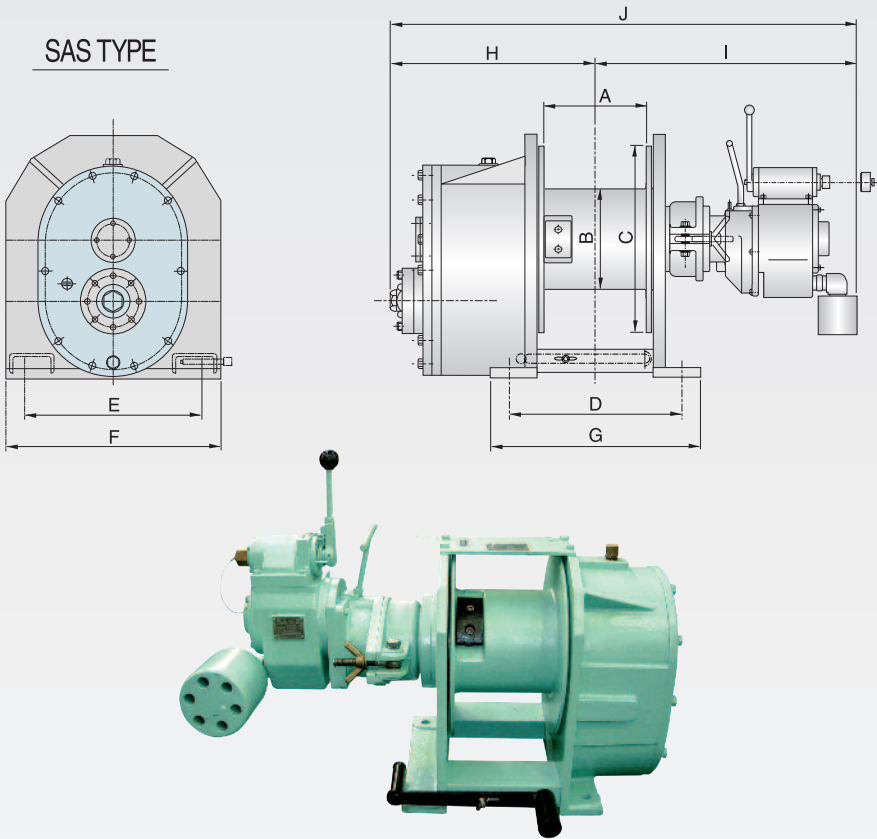
www.jung-a.co.kr

We create customer impression beyond customer satisfaction / Customer

AIR WINCH

ELECTRIC WINCH

Hull Outfittings /Winch



SPECIFICATIONS

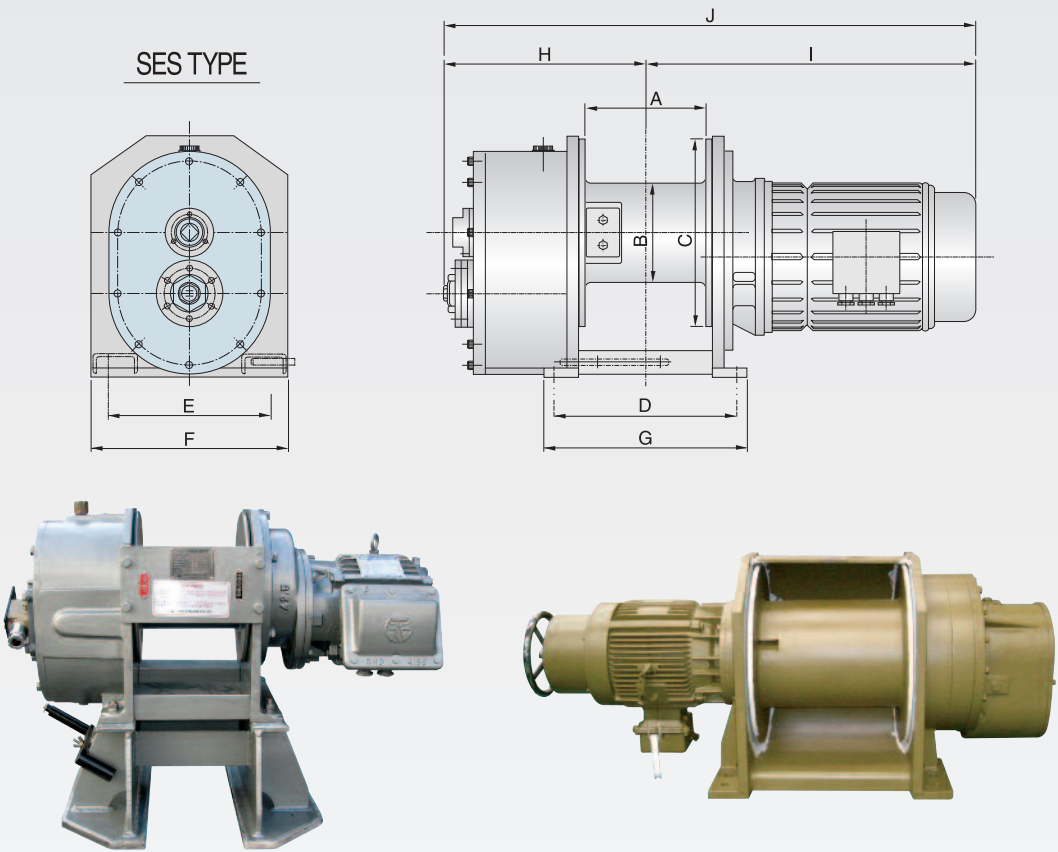
MODEL	CAPACITY		WIRE CAPACITY		PNEUMATIC VAN MOTOR			AIR INLET
	ROPE PULL(kg)	ROPE SPEED(m / min)	DIA(mm)	LENGTH(m)	OUT PUT(kw)	AIR PRESSURE (kg / cm ²)	AIR CONSUMPTION (m ³ / min)	SIZE
SAS - 03	300	30	6	40	2.5	6	2.1	PF 1/2"
SAS - 05	500	20	10	60	4.5	6	4.1	PF 3/4"
SAS - 10	1,000	20	12	80	7.5	6	6.8	PF 1"
SAS - 15	1,500	15	16	70	7.5	6	6.8	PF 1"
SAS - 25	2,500	15	18	60	10.0	6	9.6	PF 1 1/4"

DIMENSION

TYPE	A	B	C	D	E	F	G	H	I	J	WEIGHT(kg)
SAS - 03	100	114	190	180	140	200	210	165	320	485	48
SAS - 05	200	165	310	301	268	324	336	330	460	790	135
SAS - 10	220	216	400	370	380	450	450	440	570	1,010	185
SAS - 15	250	267	400	420	380	450	500	465	595	1,060	255
SAS - 25	250	318	430	420	380	450	500	465	620	1,085	288

(UNIT:mm)

Hull Outfittings /Winch



SPECIFICATIONS

MODEL	CAPACITY		WIRE CAPACITY		OELECTORIC MOTOR		
	ROPE PULL(kg)	ROPE SPEED(m / min)	DIA(mm)	LENGTH(m)	OUT PUT(kw)	VOLTAGE(V)	POLE(P)
SES - 03	300	20	6	40	1.5	220 / 440	4
SES - 05	600	20	10	60	2.2	220 / 440	4
SES - 10	1,000	20	12	80	5.5	220 / 440	4
SES - 15	1,500	20	16	70	5.5	220 / 440	6
SES - 25	2,500	15	18	60	7.5	220 / 440	6

DIMENSION

TYPE	A	B	C	D	E	F	G	H	I	J	WEIGHT(kg)
SES - 03	100	114	190	180	140	200	210	165	419	584	53
SES - 05	200	165	310	301	268	324	336	330	565	895	135
SES - 10	220	216	400	370	380	450	450	440	672	1,112	185
SES - 15	250	267	400	420	380	450	465	465	695	1,160	284
SES - 25	250	318	430	420	380	450	400	465	715	1,180	294

(UNIT:mm)

STEPS TOWARDS THE FUTURE

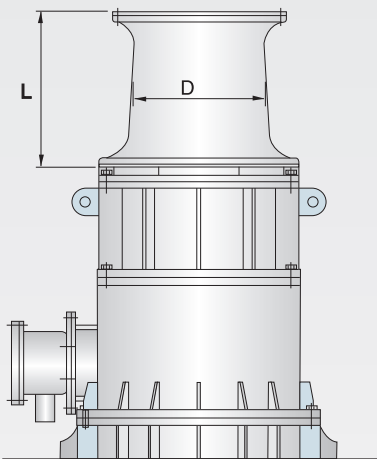
JUNG-A marine makes the future with the challenge to a new world and unswerving R & D efforts. You shall be assured of our efforts for the world-highest precision and quality.

www.jung-a.co.kr

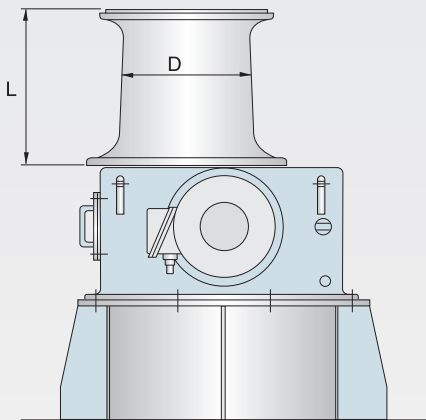
We create customer impression beyond customer satisfaction / Customer

CAPSTAN

1. ELECTRIC TYPE



ECV TYPE

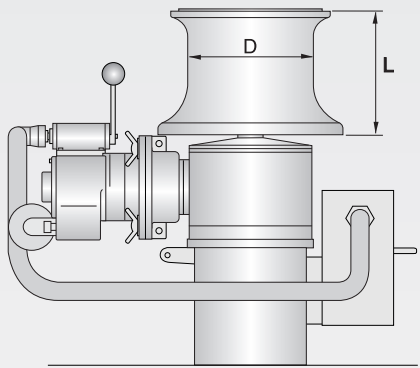


ECH TYPE

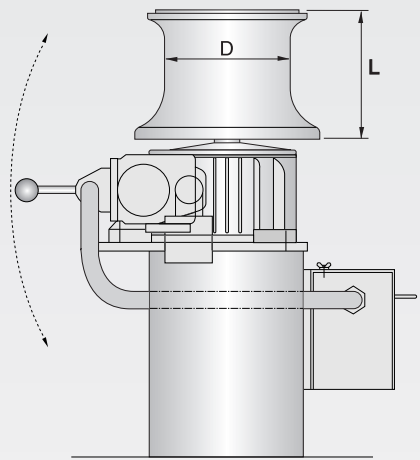
MODEL	PULL CAPACITY		OUT PUT OF ELE'C MOTOR (kw)	D	L	WEIGHT (ton)
	LOAD (ton)	SPEED (m / min)				
1 ECV	3	15~25	7.5	400	450	0.6
2 ECV	5	15~25	10	400	450	1
3 ECV	8	15~25	28	400	450	1.5

* These are maker's standard type.
* Other special type can be ordered on customer's request.

2. AIR DRIVEN TYPE

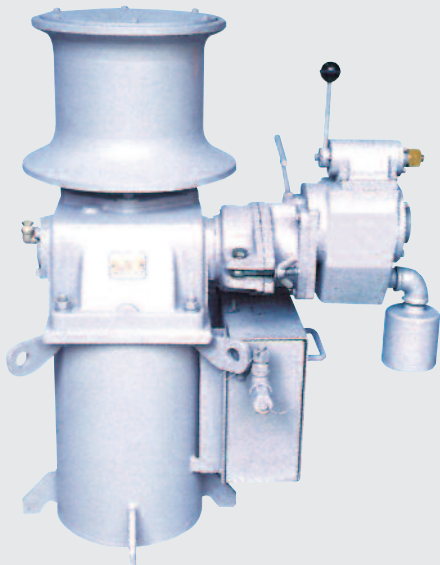


ACV TYPE



ACH TYPE

MODEL	PULL CAPACITY		AIR OUT PUT OF MOTOR (hp)	D	L	WEIGHT (ton)
	LOAD (ton)	SPEED (m / min)				
1 ACV	1	15	7.3	400	450	0.6
2 ACV	2	15	10	400	450	1
3 ACV	3	15	25	450	500	1.5



Hull Outfittings / Capstan

Hull Outfittings / Capstan

STEPS TOWARDS THE FUTURE

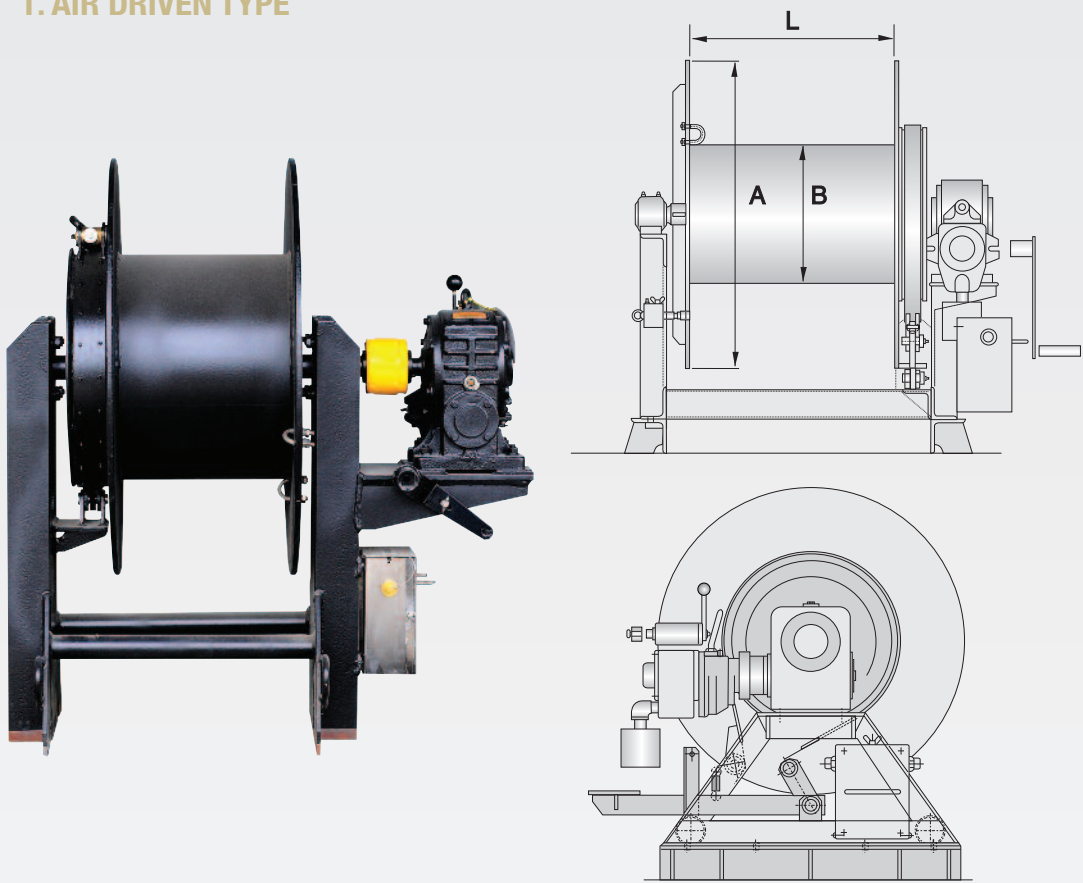
JUNG-A marine makes the future with the challenge to a new world and unswerving R & D efforts. You shall be assured of our efforts for the world-highest precision and quality.

www.jung-a.co.kr

We create customer impression beyond customer satisfaction / Customer

WIRE REEL

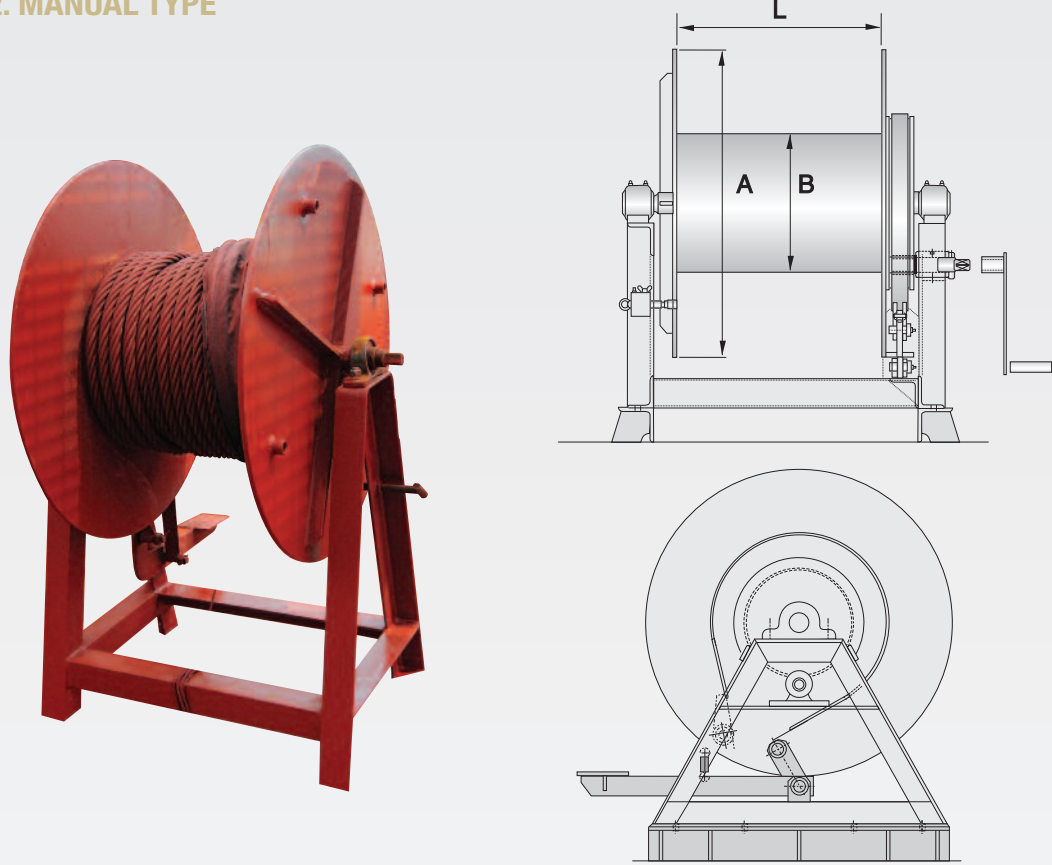
1. AIR DRIVEN TYPE



MODEL	DRUM CAPACITY	A	B	L
AWR 1	ø 32×120M, ø 38×60~90M	900	400	600
AWR 2	ø 38×130M	1100	400	600
AWR 3	ø 42×80M	1000	450	500

* These are maker's standard type.
* Other special types can be ordered on customer's request.

2. MANUAL TYPE



MODEL	DRUM CAPACITY	A	B	L
MWR 1	ø 32×120M, ø 38×60~90M	900	400	600
MWR 2	ø 38×130M	1100	400	600
MWR 3	ø 42×80M	1000	450	500

* These are maker's standard type.
* Other special types can be ordered on customer's request.

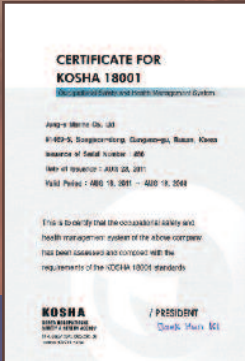
Hull Outfittings / Wire Reel

Hull Outfittings / Wire Reel

Quality Assurance

Our quality products manufactured with the state-of-the-art production facilities are checked through perfect in-house inspection procedures dictated by our thorough quality warranty system. In order to ensure quality products, we are equipped with a perfect process-wise quality control system ranging from acceptance test of materials to shipment. Our various advanced testing facilities, meters and analyzers are combined to assure you of our thorough quality warranty system satisfying you hundred percent.

Certificates from classification societies



STEPS TOWARDS THE FUTURE

JUNG-A marine makes the future with the challenge to a new world and unswerving R & D efforts. You shall be assured of our efforts for the world-highest precision and quality.

www.jung-a.co.kr

We create customer impression beyond customer satisfaction / Customer

JUNG-A's GUARANTEE.

- * Marine Equipment Test & Research center Approval.
- * One year warranty.

All JUNG-A equipment is tested before despatch from our works. If any product or parts is proved defective in material or work man ship within one year of entering service which ever is the shortest, it will be replaced free of charge.

Worldwide Service Network

**AGENCY**

Marine Innovation for tomorrow

- **INDONESIA - PT DESRINI MARINE SAFETY**

Address : JJI Pulogadung No 10 Kawasan Industri Pulogadung (JIEP) Jakarta 13260-Indonesia
 TEL : +62 21 4682 8520 FAX : +62 21 4682 8361
 E-MAIL : regional@technofibre.com sales.technofibre@gmail.com salelN@technofibreindonesia.com

- **AUSTRALIA - TECHNOFIBRE AUSTRALIA PTY LTD.**

Address : Unit 2 125 Brarrinton ST. PO Box 1561 Bibra Lake W.A 6965 Australia
 TEL : +61 (8) 9494 2622 FAX : +61 (8) 94942766 E-MAIL: techncal@technofibreindia.com

- **U.A.E (SHATJAH) - TECHNO FIBRE MIDDLE EAST MARINE SERVICES FZE**

Address : PO Box 122090, Shariah, United Arab Emirates
 TEL : +61 (8) 9494 2622 FAX : +61 (8) 94942766 E-MAIL : seles@technofibreidubai.com

- **TAIWAN R.O.C. - WALE YOUNG CORPORATION**

Address : NO.30-3 Jhongchuan 2nd Village Siaogong District Kaohsiung Taiwan R.O.C.
 TEL : +886 7 831 4140 FAX : +886 7 831 9824 E-MAIL : young@msa.hinet.net

- **CHINA**

- **HUAFONG INTERNATIONAL (HK) CO., LTD.**

Address : Room 930, Building 2#, No.100 Jinyu Road, Pudong, Shanghai, China
 TEL : +86 21 3175 0641 FAX : +86 21 3175 0640 E-MAIL : Laurence_zhang@huafonge.com

- **BOGERD MARTIN SHANGHAI**

Address : Haixing Plaza 16B, No.1 Ruijin South Road 200023 Shanghai China
 TEL : +86 21 6443 6232 FAX : +86 21 6443 3893 E-MAIL : c-t@martincn.co

- **TECHNO FIBRE(CHINA) LTD.**

Address : Room 301, Block 16, Yangguang New Village Yanling Road, Jiangyin City, Juangsu Province, China P.C.: 214400
 TEL : +86 0510 8659 3031 FAX : +86 05108659 3032 E-MAIL : salesCN@TechnofibreCN.com

- **SINGAPORE**

- **KNC MARINE PTE. LTE.**

Address : 46 East Coast Road, #07-06 Eastgate Building, Singapore 428766
 TEL : +65 6348 8841 FAX : +65 6348 6843 E-MAIL : sales@kncmarine.com

- **TECHNOFIBRE(S) PTE LTD.**

Address : 7, Kian Teck Crescent, Jurong, Singapore 628874
 TEL : +65 62661412 FAX : +65 6266 1435 E-MAIL : sales@Technofibre.com

- **NETHERLAND EUROPE - ROTTERDAM OFFICE**

TEL : +31 10 447 3457

- **INDIA - TECHNOFIIBRE MARINE SERVICES PRIVATE LIMITED**

Address : 39/6432 Chathoth, Temple West Side,Kochi- 682016, Kerala India
 TEL : +91 4843253860 FAX : +691 4842359118 Mobile : +91 9744343157
 E-MAIL : techncal@technofibreindia.com

- Hyundai Heavy Industries Co., Ltd. (HHI)
- Daewoo Shipbuilding & Marine Engineering Co., Ltd.(DSME)
- Samsung Heavy Industries Co., Ltd. (SHI)
- Hanjin Heavy Industries & Construction Co., Ltd. (HHIC)
- Hyundai Mipo Dock Yard (MIPO)
- Hyundai Samho Heavy Industries Co., Ltd. (HSHI)
- STX Shipbuilding Co., Ltd.(STX)
- SLS Shipbuilding Co., Ltd.(SAS)
- SEKWANG Heavy Industries
- Samho Shipbuilding Co., Ltd.
- Nokbong Shipbuilding Co., Ltd.
- Daesun Shipbuilding & Engineering Co., Ltd.
- SPP Shipbuilding Co., Ltd.

- Sungdong Shipbuilding & Marine Engineering Co., Ltd.
- 21st Century Shipbuilding Co., Ltd.
- Daehan Shipbuilding Co., Ltd.
- JINSE Shipbuilding Co., Ltd.
- C&Heavy Industries Co., Ltd.
- China Ship Building Corporation (CSBC)
- Mitsubishi Heavy Industries Co., Ltd.(MHI)
- IHI Marine United Inc.
- Sumitomo Heavy Industries Marine & Engineering Co.,Ltd.
- Cochin Shipyard Limited
- Hindustan Shipyard Limited
- Tebma Shipyards Limited
- P.T PAL Indonesia