

CERTIFICATE OF APPROVAL OF SERVICE SUPPLIER

CERTIFICATE NO. SSU024726XD

This is to certify that

CRALOG A/S

Knoten 7,
DK9900 Frederikshavn DENMARK

*Has been approved in compliance with the
RINA "RULES FOR THE CERTIFICATION OF SERVICE SUPPLIERS"
for the supply of the following services to ships and other units classed by RINA:*

**N - Maintenance, thorough examination, operational testing,
overhaul and repair of lifeboats and rescue boats, launching
appliances and release gear
Z - Surveys, servicing and testing of lifting appliances**

Date of the audit: **23 Apr 2026**

Issued in **COPENHAGEN**

on **19 May 2026**

This Certificate is valid from the date of the audit until

08 May 2029

This certificate consists of this sheet plus an attachment.



This is an electronically signed document and does not require a handwritten signature.

Kristensen RENÉ OVERGAARD

RINA Services S.p.A.



**ATTACHMENT TO
CERTIFICATE NO. SSU024726XD**

VALIDITY CONDITIONS

N - Maintenance, thorough examination, operational testing, overhaul and repair of lifeboats and rescue boats, launching appliances and release gear

This service supplier is certified according to the 'RINA Rules for the Certification of Service Suppliers' to carry out maintenance, thorough examination, operational testing, overhaul and repair of lifeboats and rescue boats, launching appliances and release gear in accordance with SOLAS Regulation III/20 for the list of makes and models/series of equipment in the attached Annex N.

Note 1: For the purpose of application of IMO Resolution MSC.402(96), including Corr.1, the service supplier is to be authorized by the Flag Administration under which the ship is registered.

For Flag Administrations which have authorized RINA as their Recognized Organization and accept RINA 'Certificate of Approval of Service Supplier' as equivalent to their authorization document to the Service Provider, according to the IMO Resolution MSC.402(96), including Corr.1, this Certificate may be accepted also for statutory purpose, in lieu of the Flag's authorization document to the Service Provider, allowing the firm to provide their services on the makes and models/series of equipment listed in the Annex N to this Certificate.

Note 2: This certificate of approval is also issued on behalf of Italian Administration according to the Italian 'Executive Decree n. 321' dated 21st April 2020 and Circular NDS n. 22/2021.

Therefore, this Service Provider is authorized to provide their services on board ships flying Italian flag for the makes and types of equipment defined according to ISO 23678:2022, listed in the table of Annex N to this Certificate, without prejudice to the particular requirements in the aforementioned Italian official documents.

Note 3: CRALOG is authorized to perform services using also non-exclusive operators qualified by CRALOG, provided that the following conditions are satisfied for each service:

1. The operator holds a valid certificate of competence issued by CRALOG with a QR code including the make and type of equipment for which the service is to be carried out. The updated list of qualified operators can be verified at <https://verify.cralog.com/> via the instruction on the CRALOG website (www.cralog.com)
2. An employment order is issued by CRALOG to the qualified operator for each service.
3. This Certificate of Approval of Service Supplier issued to CRALOG by RINA is attached to each service job.
4. The service reports and the statements of fitness for purpose are issued under CRALOG's liability, via their software, each statement shall contain a QRD code for verification of authenticity.

General conditions for the approval

- a) The initial conditions verified by RINA at the time of the approval are to be maintained
- b) Any changes to the initial conditions are to be promptly communicated to RINA, which reserves the right to repeat the relevant assessments
- c) RINA personnel are to be allowed to witness during the performance of activities, upon their request
- d) The activities are to be carried out in compliance with the RINA Rules and or other applicable rules
- e) RINA may revoke the approval at any moment in the case of modifications to requirements or conditions for the approval



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Kristensen RENÉ OVERGAARD

RINA Services S.p.A.



Annex N

List of makes and types of equipment

Attached to Certificate No. SSU024726XD

The Service Supplier is approved by RINA for performing services such as maintenance, thorough examination, operational testing, overhaul and repair of lifeboats and rescue boats, launching appliances and release gear, in accordance with SOLAS Reg. III/20, for the following equipment:

SURVIVAL CRAFT	
Type Twin Fall Totally enclosed lifeboats tanker / dry version	
MAKE	MODEL/SERIES
Acebi	TELB, PELB, series
Balden	BD-LB BD-R, series
Beiyang Boatbuilding Co.Ltd	TECB series
DSB Engineering Co Ltd	DSBF, DSBC, series
Fassmer / Marland	CL; CLX, CLR, GMR, TGMR, HH, Dragon, CLR -T series
Gepa	G-FK -FP, GFK series
Greben	TEL series
Harding (Umo Schat Harding) (Palfinger)	LBT, MCM, MCF, MCB, TECB, MC series
Hatecke (Ernst Hatecke)	GSL series
Hoei Senpaku	HS, HS-F series
HLB (Hyundai Lifeboats)	HDL, HDL-CF, HLB, HT, HDL-CFA series
IHI Marine United Inc (Japan Marine United Corp)	GTC, GTR-F, GTC-C, GTC-F, GT-F, GF, GTR, GTR-JYF series
Jiangyinshi Beihai	JYB-F, JYB-C series
Jiangsu Jiaoyan (Jiangyin Xingjiang) F.R.P. Co., Ltd	JYN-F, JYN-C, JYQ- FP, JYQ- FN series
Jiangyin Neptune Marine Appliance Co., Ltd.	NPT-C, NPT-F, SC, series
Jiangyin Wolong F.R.P. Boat Co. Ltd	JYCA, JYFA, JYC, JYF, JYFB series
Kang Nam Corporation	GTB series
Mulder En Rijke (Palfinger)	TELB series
Ned-Deck Marine (Palfinger)	NPT, PN series
Nishi-F Co., Ltd., (Ex. Ishihara Dockyard, Nishi-Nippon)	CML, EML, G-TR, G-FR, G-AFR series
Ningbo Asia F.R.P. Boat Manufacturing Co Ltd	YZC/ F series
Ningbo New Marine Lifesaving Equipment Co. Ltd	NM series
Noreq (Palfinger)	LBT series
Normar (Norwegian Marine Equipment)	TELB series
OY Fiskars AB	TELB series
Palfinger	KISS-C. KISS-T, NPT-C, NPT-F, series
Pesbo S.A	BSL, BSC series
Qingdao Beihai Shipbuilding Heavy Industry CO. LTD.	BH-C BH-T, Dolphin series
Shigi Shipbuilding Co Ltd	SZBR/ BRS SZTR /TRS , series
Stocznia Utska SP. Z.O.O	Z series
Survitec	SC series
Tsuneishi	TL-TE, KL-TE, KL-FP, TE,FP series
Vanguard	VG-C, VG-F, VG-HLB series
Viking / Norsafe	JYN-T, JYN-C, JYN-MKI, Miram, Maud, Maggie, Maxima, Matilda series
Waterman (Palfinger)	368, 377,351,366,371,379, 366JHRL,371HRL series
Watercraft (Schat Harding) (Palfinger)	Mk 1,2,3,4, 5 series



Annex N

List of makes and types of equipment

Wuxi Haihong	HH-C, HH-T, HH-TS, HH-CS, series
Wuxi Wenjiao	WJBF, WJBC, series
Vanguard	VG-C, VG-F, VG-HLB
Verhoef	DR series
Zhenjiang Marine Auxiliary Machinery Works	YH-DR, YH-QFP Series
Zhenjiang Hengxin Ship Equipment Co. Ltd.	BCC, BCF series
Zhejiang Norsier Lifesaving Equipment Technology Co.,Ltd (Zhejiang Hengxin Ship Equipments Co.,Ltd)	NYF series
Type Single Fall Totally Enclosed lifeboats conventional / tanker / dry version	
MAKE	MODEL/SERIES
Survival Systems Int	CA series
Type Totally Enclosed Lifeboat free fall tanker / dry version	
MAKE	MODEL/SERIES
Balden	BD-FFT, BDFFC series
CSSC Luzhou Zhenjiang Marine Auxiliary Machinery Co., Ltd (Ex Zmamw)	YH-QFP series
DSB Engineering Co Ltd	DSBFF, DSBFC series
Fassmer	CFL,GAR, GAR-T series
Fassmer / Marland	CFL-C,CFL-T, CLR-C series
Gepa	G-FFF series
Greben	FFL series
Harding (UMO Schat Harding) (Palfinger)	FF, LBF series
Hatecke (Ernst Hatecke)	GFF, GSL-T series
Hyundai	HDFN-T, HDFN-F, HDFL series
Jiangyinshi Beihai	JYB-FF, JYB-FC series
Jiangyin Neptune Marine Appliance Co., Ltd.	NPT-FF, NPT-FA NPT FC, NPT-FCA series
Jiangsu Jiaoyan (Jiangyin Xingjiang F.R.P. Co., Ltd)	JY-FF, JY-FN, JYM-FF series
Jiangyin Wolong F.R.P. Boat Co. Ltd.	JYCF,JYFF,JYCB series
Ningbo Asia F.R.P. Boat Manufacturing Co Ltd	YZFF/ FC series
Ningbo New Marine Lifesaving Equipment CO. LTD	NM-FF series
Nishi-F Co., Ltd., (Ex. Ishihara Dockyard, Nishi-Nippon)	FF series
Noreq	LBF series
Palfinger	FF, NPT-FF, NPT-FC series
Pesbo S.A	BSL series
Qingdao Beihai Shipbuilding Heavy Industry Co. Ltd.	BH-F series
Shigi Shipbuilding Co Ltd	FEL series
Stocznia Utska SP. Z.O.O	FFB series
Survitec	FF series
Viking / Norsafe	JYN-F, GES, series
Watercraft (Schat Harding) (Palfinger)	WFF series
Wuxi Haihong Boat Making Co., Ltd	HH-FC / FF series
Wuxi Wenjiao	WJFF, WJFFC series
Verhoef	FL 50 series
Zhenjiang Just Marine Equipment Co., Ltd	ZJM-FF, ZJM-4.0
Zhenjiang Marine Auxiliary Machinery Works	YH series
Zhejiang Norsier Lifesaving Equipment Technology Co.,Ltd (Zhejiang Hengxin Ship Equipments Co.,Ltd)	NSY series
Type Totally enclosed Lifeboat, Freefall	
MAKE	MODEL/SERIES
CSSC Luzhou Zhenjiang Marine Auxiliary Machinery Works (Ex Zmamw)	YHFP series
HLB (Hyundai Lifeboats)	HDF-T series
Japan Marine United Corp.	MU-FN series



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List of makes and types of equipment

Ningbo New Marine Lifesaving Equipment Co. Ltd	NM-FC series
Shanghai Jiangnan	JN-FC series
Zhenjiang Marine Auxiliary Machinery Works	YHFP series
Zhejiang Norsier Lifesaving Equipment Technology Co.,Ltd	NYPF series
Zhejiang Hengxin Ship Equipments Co.,Ltd	BCFF series
Zhejiang Wantong Heavy Industry Co., Ltd	BCFF series

Type Open Lifeboat twin Fall

MAKE	MODEL/SERIES
Fukaya Manufactory The Hakodate Dock Co.,Ltd	HL 73 series
IHI Marine United Inc	G series
Shigi	SZGO, SZGM, series
Ningbo Asia F.R.P. Boat Manufacturing Co Ltd	BJ SERIES
Nishi-F Co., Ltd., (Ex. Ishihara Dockyard, Nishi-Nippon)	NF, NFA series
Jiangyinshi Beihai	JYB series
Jiangyin Wolong F.R.P. Boat Co. Ltd	JYK,series
Wuxi Haihong Boat Making Co., Ltd	BH, BJ series
Wuxi Wenjiao	WJ,, BH,, BJ series

Type Partially Enclosed lifeboat twin fall

MAKE	MODEL/SERIES
Acebi	PELB, series
DSB Engineering Co Ltd	DSBP series
Fassmer	CL-P, SEL, PLL, PLT, series
Gepa	G-FYK series
Greben	PL, PEL series
Harding (Umo Schat Harding) (Palfinger)	MPC,CTL, ML series
Hatecke (Ernst Hatecke)	PEL series
Jiangsu Jiaoyan Marine Equipment Co., Ltd (Jiangyin Xinjiang F.R.P. Co. Ltd)	JY-BF series
Jiangyinshi Beihai	JYB-B; series
Jiangyin Neptune Marine Appliance Co., Ltd.	NPT-P,NPT-PT
Jiangyin Wolong F.R.P. Boat Co. Ltd	JYP series
Mulder En Rijke (Palfinger)	PELB, PELBT, series
Nishi-F Co., Ltd., (Ex. Ishihara Dockyard, Nishi-Nippon)	PML series
Noreq (Palfinger)	LBP series
Palfinger	CTL, NPT-P, MPC series
Qingdao Beihai Shipbuilding Heavy Industry Co. Ltd.	BH10 series
Shigi Shipbuilding Co Ltd	SZP, SZPR, series
Viking / Norsafe	Minima, series
Watercraft (Harding) (Palfinger)	PERB, PELB, MOB, MOBRC, series
Waterman (Palfinger)	367, 365, 391,393 series

Type Rescue Boat single fall

MAKE	MODEL/SERIES
Ambar Marine	AM-420 series
Avon	RB, SR series
Balden	BD-R series
CASTOLDI S.r.l.	JET TENDER 18 RB series
Dafer / Narwhal	SV series
DSB Engineering Co Ltd	DSBR, DSBRFA, NPT-R series
DSB Deutsche Schlauchboote	IRB series
Fassmer	RR series
Fassmer Marland	RR series
Gepa	G-RB series



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List of makes and types of equipment

Greben	RB series
Harding (Umo Schat Harding) (Palfinger)	MOB, MOB 17 series
Hatecke (Ernst Hatecke)	RB series
HLB (Hyundai Lifeboats)	HDR series
IHI Marine United Inc (Japan Marine United Corp)	MUR-J series
Japan Marine United Corp.	MU-GJ series
Jiangyinshi Beihai	JYB-R, JYB-KR, SC-KR, SC-K series
Jiangyin Neptune	NPT-R, NPT-RA, NPT-RB, NPT-RFA, series
Jiangsu Jiaoyan (Jiangyin Xingjiang F.R.P. Co., Ltd)	GJ, GJF, GZ series
Jiangyin Wolong	JYDR, KYKR; series
Mare Safety	RB series
Martime Partners	WEEDO 17 SOLAS series
Narwal	SV, series
Ned-Deck Marine	NDM 4,40 Rescue
Noreq (Palfinger)	RRB series
Ningbo Asia F.R.P. Boat Manufacturing Co Ltd	YZ,BJ series
Ningbo New Marine Lifesaving Equipment CO. LTD	NM45R, NM43R series
Normar (Norwegian Marine Equipment)	NORMAR-RESCUE 425 series
Palfinger	RSQ series
Qingdao Beihai Shipbuilding Heavy Industry Co. Ltd.	BH-R serie
Shigi Shipbuilding Co Ltd	SZRS, VOX46 series
Stocznia Utska SP. Z.O.O	R, RIB series
Valiant	RB-450 series
Vanguard	VG-KR, VG-DRS series
Viking / Norsafe	Matrix, Midget, Merlion, Mako series
Viking Neuvisa	RR-40 series
Watercraft (Watercraft Hellas) (Palfinger)	4.9 RB series
Wuxi Haihong Boat Making Co., Ltd	JG series
Wuxi Wenjiao	WJ, series
Zhejiang Norsier Lifesaving Equipment Technology Co.,Ltd (Zhejiang Hengxin Ship Equipments Co.,Ltd)	NYZ series
Zhenjiang Marine Auxiliary Machinery Works	YH-FRA, YH-R series
Zhenjiang Hengxin Ship Equipment Co. Ltd.	GJ series
Zhejiang Wantong Heavy Industry Co., Ltd	GJ series
Zodiac Hurricane	H561 PROLUXE series
Zodiac (Survitec)	RIBO series
Zodiac Milpro International)	RIBO series
Vanguard Marine Lda	SOLAS 450 RB series

Type Fast Recue Boat Single Fall	
MAKE	MODEL/SERIES
Alusafe	FRB 700, 900 series
Dafer / Narwhal	FRB-700, SV-750 series
Delta	comet, phantom, series
DSB Engineering Co Ltd	DSBRA, DSBRB , DSBRA / RB series
Fassmer	FRR, FRIR series
Gepa	G-FRB series
Hatecke (Ernst Hatecke)	FRB series
Harding (Umo Schat Harding)(Palfinger)	STINGER 630 series
HLB (Hyundai Lifeboats)	HDFR series
Jiangyinshi Beihai	JYB-G, JYB-Q series
Jiangyin Neptune	NPTR, NPTRA, NBTRB, NPTRFA series
Jiangsu Jiaoyan (Jiangyin Xingjiang F.R.P. Co., Ltd)	GJ, GJ-450 series, GJ-6.0 B series series



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Jiangyin Wolong F.R.P. Boat Co. Ltd.	JYKR series
Mare Safety	FRB, GTC 700, MS FRB series
Maritime Partners (Alusafe), (Weedo), (Sea Bear)	Alusafe 700,770, 17 SOLAS, 1200DC, Weedo, 600,660,700, Springer 660, Sea Bear series
Narwal	SV, FRB series
Ned Deck Marine	FRSQ series
Ningbo Asia F.R.P. Boat Manufacturing Co Ltd	YZRA / RB series
Nishi	FRP series
Normar	FRC series
Noreq	FRB series
Qingdao Beihai Shipbuilding Heavy Industry Co. Ltd.	BH-HR7, FRB series
Palfinger	FRSQ series
Shigi	FRP series
Survitec	SC60RA
Survival Systems Int.	FRC series
Vanguard	VG-FRK, VG-FRW series
Viking / Norsafe	Merlin, Midget-530 MK II WATER JET, Magnum, Mako, Maya, 470 GRP series
Workribs Holland Bv	WRH 635 FRB series
Wuxi Wenjiao	WJRB, WJRA, series
Zodiac	H472S, RIB series
Zhenjiang	YH-FRB series
Xtenders	6.8M SOLAS TENDER series

RELEASE GEAR

Type Lifeboat On-Load - lift not over centre; locking device -flat to flat rotating cams

MAKE	MODEL/SERIES
Balden	BD-LBH series
Hoei Senpaku Co., LTD	HS series
HLB (Hyundai Lifeboats)	Talon Mk 1 series
Norsafe / Viking	Tor Mk1, Mk 2 series
Qingdao Beihai Shipbuilding Heavy Industry Co. Ltd.	BG series
William Mills	Titan series

Type Lifeboat on load lift not over centre, Curve to flat rotating

MAKE	MODEL/SERIES
Fassmer	Duplex > 6t, DUPLEX 10T series
Hatecke	Duplex - > 6t series
Hoei Senpaku Co., LTD	HS650 96, HS 520 96 series
Jiangyinshi Beihai	JYB-HK series
Jiangyin Neptune Marine Appliance Co., Ltd.	NPT-HK, NPT 50 series
Jiangyin Wolong	HK series
Ningbo Asia F.R.P. Boat Manufacturing Co Ltd HK	HK series
Nishi-F Co., Ltd., (Ex. Ishihara Dockyard, Nishi-Nippon)	SR-3, NS series
Shigi Shipbuilding Co. Ltd.	SRS series
Vanguard	SH, C-safe series
Zhenjiang Marine Auxiliary Machinery Works	HK series
Zhejiang Norsier Lifesaving Equipment Technology Co.,Ltd (Zhejiang Hengxin Ship Equipments Co.,Ltd)	NHK40 series

Type Lifeboat on load lift not over centre; Forward or reverse curve to curve rotating cams

MAKE	MODEL/SERIES
Fassmer	Duplex - < 6.6 series
BC Service	U Hook series
Harding	LHR Mk 1, LHR M2, KH6.5M2 series
Hatecke	Duplex - <6t series
Hyundai	Talon Mk 2 series
Jiangyin Neptune Marine Appliance Co., Ltd.	PN-HCK, NPT-HCK series
Jiangyin Wolong	LB80MR series
Palfinger	LHR, LHR M2 series



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List of makes and types of equipment

Survitec	Safe Launch series
Mad Rock	RocLoc series
Type Lifeboat on load lift not over centre; Up and Down Pins / Collars	
MAKE	MODEL/SERIES
Cssc Luzhou Zhenjiang Marine Auxiliary Machinery Co., Ltd (Ex Zmamw)	HK40 series
Greben	NLH series
Hoei Senpaku Co., LTD	HS650 83 HS 520 83 series
IHI Marine United Inc.	JX1 series
Jiangsu Jiaoyan (Jiangyin Xingjiang F.R.P. Co., Ltd)	JX-1 , JX1B, JXN-1B,JXN-1C series
Jiangyin Wolong F.R.P. Boat Co. Ltd.	JX-1, FHK series
Nishi-F Co., Ltd., (Ex. Ishihara Dockyard, Nishi-Nippon)	IHM / 12 /13 series
Shigi Shipbuilding Co. Ltd.	SZK5, SZK series
Tsuneishi	43GS-1 series
Zhenjiang Marine Auxiliary Machinery Works	HK40 series
Type Free Fall Hydraulic / Mechanical	
MAKE	MODEL/SERIES
Bada Heavy Industries	BHA series
Dae Jin Co. Ltd	THP-1B series
Fassmer	F series
Hatecke	GFF series
Harding / Palfinger	FFH series
Jiangyinshi Beihai	JYB-HKF, series
Jiangsu Jiaoyan (Jiangyin Xingjiang F.R.P. Co., Ltd)	JX-2, JX-4 series
Jiangyin Neptune	NPT-70HKF series
Jiangyin Wolong F.R.P. Boat Co. Ltd.	FHK series
Nishi-F Co., Ltd., (Ex. Ishihara Dockyard, Nishi-Nippon)	ML, F seires
Normar	JX-2, JX-4 series
Norsafe / Viking	HRS, NFFH, series
Pesbo S.A	BSL series
Verhoef	Twistlock series
Zhejiang Wantong Heavy Industry Co., Ltd	HK series
Japan Marine United Corp.	JX-2 series
Shigi Shipbuilding Co. Ltd.	WP39 series
Type Lifeboat On-Load - lift over centre	
MAKE	MODEL/SERIES
SSI	SureSafe, Triple 5, Triple 5 LX series
Viking / Nadiro	DIB series
KCL (Kolberg Casperly Lautom A/S)	NOA LRRS series
Type Rescue boat Offload lift over centre	
MAKE	MODEL/SERIES
Bada Heavy Industries	BHR series
BC Service	U Hook series
Davit International	OLH series
Global Davit	HRN series
Hatecke	Simplex 2.0i offload series
Sezamor	HLR18 series
Vestdavit	LB series
Type Fast Rescue Boat Offload	
MAKE	MODEL/SERIES
Jiangyin Neptune Marine Appliance Co., Ltd.	NPT30HK series
Jiangyinshi Beihai	JYBHK-25N series
Schat Harding	RH3.7 series
Viking / Norsafe	K4 series
Type Rescue Boat Offload w. on-load capability	
MAKE	MODEL/SERIES
Bada Heavy Industries	BHR255 series
Davit International	RH series
Global Davit	HR series
Hatecke	Simplex 1.1, Simplex 1,85 -series
Jiangyin Neptune	NPT-HK 25R series
Palfinger / Harding	RRH series
T-ISS BV	PX02 series



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List of makes and types of equipment

Wuxi Xingsheng	XS15 series
Type Fast Rescue Boat Offload w. on-load capability	
MAKE	MODEL/SERIES
Japan Marine United Corp.	JX-3 series
Jiangyinshi Beihai	JYB-HK series
Jiangsu Jiaoyan (Jiangyin Xingjiang F.R.P. Co., Ltd)	JXN-3 series
Jiangyin Wolong F.R.P. Boat Co. Ltd.	HK series
Noreq (Palfinger) (Harding)	JXN-3 series
Qingdao Beihai Shipbuilding Heavy Industry Co. Ltd.	BG-2R series
T-ISS BV	PX03 series
Wuxi Wenjiao	HK series
Zhenjiang Marine Auxiliary Machinery Works	HK 40 series
Zhejiang Wantong Heavy Industry Co., Ltd	HK series
Type Fast Rescue Boat Off Load Manuel or Automatic	
MAKE	MODEL/SERIES
Henriksen	HMK, HMK-ST, HCH series
Harding / Palfinger / Fast RSQ	CAR 35 F series
Jiangsu Jiaoyan Marine Equipment Co. Ltd	JXN-7 series
Type Rescue boat / Davit Launched Liferaft lift over centre automatic	
MAKE	MODEL/SERIES
Bc Service	U-ARH 3.5T series
Bada Heavy Industries	BHA series
Balden	BDHR series
Chang Sheng	35kN series
Crantson Eagle	APR-356-CB/CBH series
Ferri	1488 series
Gepa	G-K series
Global Davit	HRL .26 series
Harding	ARH 23 series
Hatecke (Ernst Hatecke)	RAFTI 2.5 series
Neddeck	CAR 35 series
Jiangyin Neptune Marine Appliance Co., Ltd.	NPT-HK25F series
Lalizas Lifesaving	LAR 36 series
Mansei	RH series
Optimun Marine	31-37KN, 21-25KN series
Palfinger	CAR 35 series
Servoship	200 series
Sezamor	HS series
Survitec	SLA 3.5 series
Thanner & Co As (Norpol)	ILR, IRB series
T-ISS BV	PX 01, PX02 series
Viking / Norsafe	RCH 36 series
Wuxi Mingzi Machinery Manufacturing Co., Ltd	15kN, 25kN, 31-37kN series
Wuxi Xingsheng	XS series
Type Free Fall Hydraulic / Mechanical	
MAKE	MODEL/SERIES
Bada Heavy Industries	BHA series
DAE JIN Co. LTD	THP-1B series
Fassmer	FFH45 series
Hatecke	GFF series
Harding / Palfinger	FFH series
Japan Marine United Corp.	JX-2 series
Jiangyinshi Beihai	HKF, series
Jiangsu Jiaoyan (Jiangyin Xingjiang F.R.P. Co., Ltd)	JX-2, JX-4 series
Jiangyin Neptune Marine Appliance Co., Ltd.	NPT-70HKF
Ningbo New Marine Lifesaving Equipment CO. LTD	JX-2 series
Normar	JX-2, JX-4 series
Nishi-F Co., Ltd., (Ex. Ishihara Dockyard, Nishi-Nippon)	ML, F seires
Norsafe / Viking	GES series
Shigi Shipbuilding Co. Ltd.	WP39 series
Verhoef	Twistlock series
Zhejiang Wantong Heavy Industry Co., Ltd	HK series
Type Devices for activating release; Central Release Unit	



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List of makes and types of equipment

MAKE	MODEL/SERIES
CSSC Luzhou Zhenjiang Marine Auxiliary Machinery Co., Ltd (Ex Zmamw)	HK40 series
Balden	BD-LBH series
BC	U Hook series
Fassmer	Duplex > 6t , Duplex - < 6.6 series
Greben	NLH series
Hatecke	Duplex - > 6t, Duplex - <6t series
IHI Marine United Inc.	JX1 series
Jiangyinshi Beihai	JYB-HK series
Jiangsu Jiaoyan (Jiangyin Xingjiang F.R.P. Co., Ltd)	JX, JX 1 , JXN-1B,JXN-1C, JX-4 series
Jiangyin Neptune Marine Appliance Co., Ltd.	NPT-50 , NPT-HAN, PNHKG series
Jiangyin Wolong F.R.P. Boat Co. Ltd.	JX-1, HK, LB80MR, series
Ningbo Asia F.R.P. Boat Manufacturing Co Ltd HK	HK series
Harding (Umo Schat Harding) (Palfinger)	KH6.5M2 series
Hoei Senpaku Co.LTD .	HS, HS650 96, HS 520 96 series
HLB (Hyundai Lifeboats)	Talon Mk 1, Talon MK 2 series
Mad Rock	RocLoc series
Nishi-F Co., Ltd., (Ex. Ishihara Dockyard, Nishi-Nippon)	NS, IHM / 12 /13 series
Norsafe / Viking	Tor Mk1, Mk 2 Nadiro D.I.B.series
Normar (Norwegian Marine Equipment)	JX-4 series
Qingdao Beihai	BG series
Palfinger (Harding)	LHR Mk 1, LHR M2 series
Shigi Shipbuilding Co. Ltd	SRS, SZK5, SZK30 series
Survitec	Safe Launch series
SSI	Triple 5, Triple 5 LX series
Tsuneishi	43GS-1 series
Vanguard	S, C-safe series
William Mills	Titan series
Wuxi Haihong Boat Making Co., Ltd	HH43 series
Zhejiang Norsier Lifesaving Equipment Technology Co.,Ltd (Zhejiang Hengxin Ship Equipments Co.,Ltd)	HK40 series
Zhenjiang Marine Auxiliary Machinery Works	HK40 series
Type Devices for activating release Free Fall Hydraulic Primary and Secondary	
MAKE	MODEL/SERIES
Bada Heavy Industries	BHA series
DAE JIN Co. LTD	THP-1B series
Fassmer	F, FFH45 series
Hatecke	GFF series
Harding (Palfinger)	FFH series
Hyundai Lifeboat Co., Ltd	TALON 4.6T series
Jiangyinshi Beihai	HKF, series
Jiangsu Jiaoyan (Jiangyin Xingjiang F.R.P. Co., Ltd)	JX-2 series
Jiangyin Neptune Marine Appliance Co., Ltd.	NPT-70HKF
Ningbo New Marine Lifesaving Equipment CO. LTD	JX-2 series
Nishi-F Co., Ltd., (Ex. Ishihara Dockyard, Nishi-Nippon)	ML, F series
Normar	JX-2 series
Norsafe / Viking	GES series
Qingdao Beihai Shipbuilding Heavy Industry Co. Ltd.	BG-F series
Shigi Shipbuilding Co. Ltd.	WP39 series
Verhoef	TWISTLOCK series
Type Devices for activating release; Hydrostatic Unit with Diaphragm	
MAKE	MODEL/SERIES
Cssc Luzhou Zhenjiang Marine Auxiliary Machinery Co., Ltd (Ex Zmamw)	HK40 series
BC	U Hook series
Harding (Umo Schat Harding) (Palfinger)	KH6.5M2 series
Hoei Senpaku Co.LTD .	HS, HS650 96, HS 520 96 series
Hyundai	Talon Mk 1 Mk 2 series
IHI Marine United Inc.	JX1 series
Jiangyinshi Beihai	JYB-HK series
Jiangsu Jiaoyan (Jiangyin Xingjiang F.R.P. Co., Ltd)	JX, JX 1 ,JX1B, JXN-1B, JXN-1C series
Jiangyin Wolong F.R.P. Boat Co. Ltd.	JX-1, LB80MR, series
Norsafe / Viking	Tor Mk1, Mk 2 series
Palfinger (Harding)	LHR Mk 1, LHR M2 series
Qingdao Beihai	BG series
Survitec	Safe Launch series



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List of makes and types of equipment

Tsuneishi	43GS-1 series
Vanguard	S, C-safe series
William Mills	Titan series
Wuxi Haihong Boat Making Co., Ltd	HH43 series
Zhenjiang Marine Auxiliary Machinery Works	HK40 series
Zhejiang Norsier Lifesaving Equipment Technology Co.,Ltd (Zhejiang Hengxin Ship Equipments Co.,Ltd)	NHK40 series
Type Devices for activating release; Hydrostatic Unit with Float	
MAKE	MODEL/SERIES
Fassmer	Duplex > 6t , Duplex - < 6.6 series
Hatecke	Duplex - > 6t, Duplex - <6t series
Jiangyin Neptune Marine Appliance Co., Ltd.	NPT-50 ,PNHKC, NPT-HAN series
Mad Rock	RocLoc series
Nishi-F Co., Ltd., (Ex. Ishihara Dockyard, Nishi-Nippon)	NS, IHM / 12 /13 series
Shigi Shipbuilding Co. Ltd	SRS, SZK5, SZK30 series
Type Devices for activating release; Electronic Sensor	
MAKE	MODEL/SERIES
Greben	NLH series
Norsafe / Viking	Nadiro D.I.B.series

DAVITS	
Type Gravity Twin / Single Fall Fixed Outrigger	
MAKE	MODEL/SERIES
Acebi	A, PF, AF, series
Alexander Ryan	BH series
Bada Heavy industries	ORFP, BFOD series
Bianchi & Cecchi	(BC) PE, PET series
Davit International	D-FO, D-FOS series
Global Davit	Gsp.O, Rsp.O series
Greben	FOD series
Jiangyinshi Beihai	PD series
Jiangsu Jiaoyan (Jiangyin Xingjiang F.R.P. Co., Ltd)	JYP series
Jiangyin Neptune	NPT-DP, NPT-PL series
Jiangyin Wolong	JYPL series
Harding (Umo Schat Harding) (Schat Davit Company) (Palfinger)	ORD,HD-FL series
Hatecke	Gsp.O series
Navim Group	FDRB series
Ned Deck Marine	FPG, series
Ningbo New Marine Lifesaving Equipment Co. Ltd	NMPL series
NOREQ (PALFINGER)	NRD, series
Nor Davit	PL series
Palfinger	FPG series
Qingdao Beihai Shipbuilding Heavy Industry Co. Ltd	BD-PL series
Survival Systems Int	PI series
Vanguard	PL series
Viking / Norsafe	A, C, D; series
Wuxi Huahai	PD series
Vanguard	PL series
Viking / Norsafe	A, C, D; NDC, series
Wuxi Huahai	PD series
Zhenjiang Marine Auxiliary Machinery Works	PL series
Type Twin Fall Hydraulic / Pivoting / Luffing Gravity Lowering	
MAKE	MODEL/SERIES
Harding (Umo Schat Harding) (Davit Company) (Schat Davit Company) (Palfinger)	HHA series
Jiangyin Wolong F.R.P. Boat Co. Ltd.	JY-GYE series
Type Twin/Single Fall Gravity Roller Track	
MAKE	MODEL/SERIES
Aukra Maritime As	HRT series
Acebi	GRA series
Bada Heavy industries	BDTW series



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SEC (Ships Equipment Centre)	SP3 series
Davit International	D-RT series
Global Davit	Gsp.RT, Glp.RT series
Greben	GR-RTD series
Jiangyinshi Beihai	RB-H, HB-H series
Jiangsu Jiaoyan (Jiangyin Xingjiang F.R.P. Co., Ltd)	JYGR series
Jiangyin Wolong	JYHE, series
Harding (Umo Schat Harding) (Schat Davit Company)	GRA,HD-RT, ND, NT, series
Mansei (Muria) (Muria Vada)	GRA ,AT series
Oriental Precision	RTD series
Palfinger	NPT Series, FFB series
Sekigahara	AT, STS, ST series
Sezamor	ZZ-ZŁJ , ZZ-ZŁJ2 series
Tsuji Heavy Industries	TC, T83 series
Viking / Norsafe	E series; A, C, D; series
Watercraft	WRG series
Wuxi Dongwu	25kN-30kN series
Wuxi Shengou	SMDP series
Type Twin Fall Gravity Luffing / Pivoting	
MAKE	MODEL/SERIES
Acebi	SPG series
Arim	AHA, series
Bada Heavy industries	BDH, BDMS series
CSSC Luzhou Zhenjiang Marine Auxiliary Machinery Co., Ltd (Ex Zmamw)	LE series
Davit International	D-NP, D-NP.MP series
Dong Nam Enterprise.,Co Ltd	DLB series
Dongnam Marine	DHGD series
Dongwoo Machinery & Engineering Co., Ltd.	DWS series
DSB Engineering Co Ltd	DSBDL, DSBDTL series
Fassmer	FPD, FPD-D series
Global Davit	Gsp.FP, Gsp.MP, Glp.FP, Glp.MPseries
Greben	SPG, PH series
Harding (Umo Schat Harding) (Schat Davit Company) (Palfinger)	HD-SPG, HD-VIP, SPG(L), SPG(VL), HD/25-2100, NDP series
IHI Marine United Inc	MUL series
Iknow Machinery (TSUJI)	HD series
Jiangyinshi Beihai	BH-G, LB-H , LA series
Jiangsu Jiaoyan (Jiangyin Xingjiang F.R.P. Co., Ltd)	JYL series
Jiangyin Neptune	NPT-DL, DP, DYL, series
Jiangyin Wolong	JYPL series
Mansei (Muria) (Muria Vada)	ABD, AH, AV, EM, EH, M, CM, MVD, SPG(VD) series
Ningbo Asia F.R.P. Boat Manufacturing Co Ltd	L series
Nor Davit	SDP series
Palfinger	NPT, VIP series
Pelegrini Marine Equipment	GRA Series
Qingdao Beihai Shipbuilding Heavy Industry Co. Ltd	BD-PV , series
Oriental Precision	HDG, HGK,DHA, DMA series
Oriental Precision - Sekigahara	SHS series
Sekigahara	SFA, SFB, SFP, SHS series
SPP Shipbuilding Co Ltd.	SBD-5800 series
Tsuji Heavy Industries	H series
Vanguard	VL, LE series
Viking / Norsafe	E, series
Wuxi Huahai	HMD series
Wuxi Dongwu	18kN-110Kn
Wuxi Shengou	SHMDL series
Youngnam Machinery Co. Ltd	YNBD series
Zhejiang Hengxin Ship Equipments Co.,Ltd	LB series
Zhenjiang Just Marine Equipment Co., Ltd	L series
Zhenjiang Marine Auxiliary Machinery Works	LE series
Zhejiang Norsier Lifesaving Equipment Technology Co.,Ltd (Zhejiang Hengxin Ship Equipments Co.,Ltd)	NLB series
Zhejiang Taizhou Wantong Marine Machinery CO Ltd	YSJ series
TYPE Single Fall Hydraulic / Pivoting / Luffing Gravity Lowering	
MAKE	MODEL/SERIES
Shin Myung Tech	SMLRD series
Vestdavit	L series



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TYPE Twin Fall Hydraulic Luffing / Pivoting	
MAKE	MODEL/SERIES
Acebi	TPC series
Bada Heavy industries	BDTD series
Davit International	D-NP, D-SP series
DSB Engineering Co Ltd	DSBDYL series
Fassmer	FMPD series
Global Davit	Gsp.FLh, Gsp.FPh, Glp.FLh, Glp.FPh series
Greben	HD, GD-PD series
Hatecke	GspFP series
Harding (Umo Schat Harding)	SPD, HHA series
Jiangyinshi Beihai	BHGH series
Jiangsu Jiaoyan (Jiangyin Xingjiang F.R.P. Co., Ltd)	JYHG series
Navim Group	SGHD- L, SPHD- T series
Ned Deck Marine	PLG series
NOREQ (PALFINGER)	NPD series
Palfinger	PFH, NPD; series
TTS / Hydralift	HL9D series
Vanguard	PFH, SRH series
Viking / Norsafe	LH series
Zhenjiang Marine Auxiliary Machinery Works	SRH series
Jiangyin Wolong F.R.P. Boat Co. Ltd.	JY-GYE series
Type Single Arm Slewing	
MAKE	MODEL/SERIES
Abas	MDE. KDE series
Acebi	PFR, TPU, RRP; series
Acoin	R18700 series
Acta	MOB ; DR; DC, HSC series
Alexander Ryan	AREH series
Arim	AREH, ARPV, series
A Tech	AT-LRD series
Bada Heavy Ind. Co., Ltd (Ex. Daeryuck Machinery)	BDR, BLR series
Coastal Marine Equipment, Inc.	D series
Daesung	Combi series
Davit International	D-AS.S, D-CRm, D.BC.R, D-FOS D-BR, D-CRH.R, D- RC, D-RC.T, D.Cre.R D-SR04, D-AC.5 series
Davit Company	SRR series
Denizsan	DSRBD, DRBD, DRBLRD series
Dongnam Marine Crane Co Ltd	DCPV, DSAD, DSAC, DNRD, DR, DRLD,DRBLRD series
Dongwoo Machinery & Engineering Co., Ltd	DBD series
DSB Engineering Co Ltd	DSB23DR series
EO Lifesaving	CH-52 R-LR series
Fassmer	FSARR series
FERRI	1872 series
Global Davit	Lms, Lms.s, Lmes.S,R Rms, Rmes.S, Rms.L, Rmes.L.S, Rms.S, Rms.L.S, Rhs, Rhs.L, Rhs.S, Rhs.L.S, Lml,RMI,Rhl, Rhp, Fhs,Fhs.S, Fhs.L, Fhs.R. Fhs.R.S. Fhs.R.L., Fhs.R.L.S, Rhs, Rhs.L. Rhs.L.S series
Greben	SAR series, PROMAC 12/4.2 EL series
Gibert & Schmalriede Gmbh & Co. KG	PJ series
Gurdesan	GD-KHK GD-RRS series
Haeen Machinery Ind. Co. Ltd.	HED-PC series
Hanyoung Enterprise	RBD series
Hanla lms Co., Ltd	HM-PVC-H series
IMT.CO, LTD	ILR series
Japan Marine United Corp.	MUR21J series
Jiangyinshi Beihai	SA, SAC, SMR, HDC3-10 series
Jiangsu Jiaoyan (Jiangyin Xingjiang F.R.P. Co., Ltd)	JYR, JYRCA, JYCL0215 series
Jiangyin Neptune	NPT-DR series
Jiangyin Wolong	JYSA, JYHSR series
Jung-A-Marine Co., Ltd	PCRLC series
Kyoritsu Kikai	DBZ series
Harding (Umo Schat Harding) (Schat Davit Company) (Palfinger)	LAR, MOB, SAR, SPR, SRR series
Navigations	1.1 series
Navim Group (Tecnimpianti S.P.A)	NHRB series
Ned Deck Marine	SCH, SCM, SCT, SEC, series



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Ningbo Asia F.R.P. Boat Manufacturing Co Ltd	YZ, ZFDZ series
Ningbo Kairong Ship Machinery Co Ltd	KR-1 series
Ningbo New Marine Lifesaving Equipment Co. Ltd	NMSD23KN series
NMF	BP, KD.2 series
Navigation's	1.2 LL series
Nanjing Dongsheng Marine Equipment Co.,Ltd	ARL21 series
Noreq (Palfinger)	SCH, SCHD, SCM-L, SCH-R, SCM-R
Maritime Deck Machinery	CM-52 series
Mansei (Muria) (Muria Vada)	R, RD,SAR, SR, series
Menarom Sa	CMPS 21 series
Oriental Precision	RD series
Palfinger	SCM-L, SCH-R, SCM -R, RSD 2,1 series
Pelegriini Marine Equipment	CHCD 2,507+ RLC 2,1/4,5, RLC series
Qingdao Beihai Shipbuilding Heavy Industry Co. Ltd	BD- SA, BD-SH series
Oriental Precision	SHS series
SEC (Ships Equipment Centre)	HS series
Sekigahara	SSS series
Sekwang Marine Machinery CO, LTD	Single Arm Slewing Davit series
Servo Ship S.L	PR4M1100HR
Sezamor	ZZ-ZOT, ZZ-ZOL series
Shanghai Hengyuan Marine Equipment Corporation	SAF, series
Shanghai Ship Design And Research Institution (Sdari)	ZFQ series
Sheyang Victor Marine Auxiliaries Co., Ltd	21 KN series
Shin Myung Tech	SMRBD-SD, SMRBD&LRD, SMRBD&PV, SMRB&LRD-FT, SMLRD-25P series
Taizhou Haihao Marine Equipment Co.,Ltd	21KN Boat/Raft Davit,
Tsuji Heavy Industries	RP series
Tech Flower Co., Ltd.	H1PC series
Viking / Norsafe	NDSC-R, NRC-R series
Vanguard	HS, MS, VS series
Vestdavit	L series
Ulstein Fama (Fama Gniw)	ZO, ZT series
Welin Lambie	LRW, SABRE series
Wuxi Haidelong Marine Equipment Co., Ltd.	SA series
Wuxi Huahai	HMB series
Wuxi Dongwu	21kN-35kN DWC210 series
Wuxi Jiang Nan Marine Equipment Co., Ltd	ZFQ series
Wuxi Shengou	SMC, SMD series
Yilmaz Denizcilik	YDGS series
Zhejiang Hengxin Ship Equipments CO.,LTD	SA23-1 series
Zhenjiang Marine Auxiliary Machinery Works	ZF, HDCL, SAFC, SAW , WME-SAD, SAF series
Zhejiang Wantong Heavy Industry Co., Ltd	SA23-1 series
Type Single Fall Rescue / Fast Rescue Boat A Frame / Hydraulic	
MAKE	MODEL/SERIES
Acebi	TPF, TPU series
Arim	ARPV, series
Bada Heavy Ind. Co., Ltd (Ex. Daeryuck Machinery)	BDA, BDFA, BFRD, BDAF series
BOPP Treuils JEB	BHD series
Davit International	D-NPS.SP, D-TT.SP, D-NP.FR., D-NPS.MP series
Denizsan	DSFRB, DSRB series
DSB Engineering Co Ltd	DSBARH, DSBDR, DSBDP series
Global Davit	Rhp, Rhp.HC series
Greben	RLC series
Jiangyinshi Beihai	EHRD, FRH, SRH series
Jiangsu Jiaoyan (Jiangyin Xingjiang F.R.P. Co., Ltd)	JYA, JYH, series
Jiangyin Neptune	NPT- BE, NPT-DR, NPT-ARH series
Jiangyin Wolong	JY-PLR; JY-LFR; JY-LRHE series
Harding (Umo Schat Harding) (Palfinger)	FR.P.SP, NPDS, SA, series
Hatecke (Ernst Hatecke)	DFR series
Havøysund Patentslipp As	POLARDAVIT series
Holens AS	KOPAS A-1000
Hydralift/ TTS	HL series
Hydramarine	HMD, HMC series
Hydramaskin	A-15 series
Macgregor (TTS) Hydramarine)	A-Type, G-Type, HLD, HMD, HMC series
Mansei (Muria) (Muria Vada)	EHR series
Ned Deck Marine (Palfinger)	PFH, PRH, PRHE series
Ningbo New Marine Lifesaving Equipment Co. Ltd	NM, NMAR series



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NOREQ (PALFINGER)	NPD series
Palfinger	SCM-L, SCH-R, SCM -R series
Qingdao Beihai Shipbuilding Heavy Industry Co. Ltd	BD-AR, series
Oriental Precision	RD series
Redrock	RDA series
Shin Myung Tech	SMLRD series
Vestdavit	P, PL, PLA, PLP, PLR, PLAR PLD, PAP, PAPH, PLi series
Vanguard	DH, PR, PRH series
Viking; / Norsafe	NDA,,NRB, series
Welin Lambie	PIV.1.0A series
Wuxi Huahai	HMDA series
Wuxi Dongwu	Rescue Boat Davit (A30-H35). series
Wuxi Shengou	HMDA series
Zhenjiang West Marine Equipment Co. Ltd	WME-LRH series
Z Marine	ZM ZRB 2500 series
Type Single or Twin Fall Lifeboat Rescue Boat / Fast Rescue Boat Telescopic Hydraulic	
MAKE	MODEL/SERIES
Bada	TT, BDTD, series
Cramm Yachting Systems B.V	CDT 7000 series
Davit International	D-TT. DTT.SP series
Gibert & Schmalriede GmbH & Co. KG	PJ series
MacGregor (Hydramarine)	T-Type series
Navim Group	SPDT L, SPDT T, SPDT R series
Palfinger	NTD Series
Redrock	RDT series
Vest Davit	TBD; series
Type Gravity Free Fall Primary / Secondary Hydraulic A Frame	
MAKE	MODEL/SERIES
Acebi	TPF series
Acta	HSC series
Bada Heavy industries	BDF, HDFL, HDF, HDL series
Davit International	D-FH, D-TF series
Daelim Technology Co. Ltd. (Hyundai)	FF-740 series
Denizsan	DSFDD, DRM-FFD series
DSB Engineering Co Ltd	DSBDF, DRM-FFD series
Fassmer	FFH, FLR series
Fassmer Marland	FFH series
Greben	HFF, HFL series
Gurdesan	GD-FFD series
Japan Marine United Corp.	MUFJ series
Jiangyinshi Beihai	FA series
Jiangsu Jiacyan (Jiangyin Xingjiang F.R.P. Co., Ltd)	JYF series
Jiangyin Neptune	NPT-DF series
Jiangyin Wolong	JY-FH series
Kyoritsu Kikai	LAF-MUF68 series
Harding (Umo Schat Harding)	LA, FF series
Hateke	FFA, FFB series
Mansei (Muria) (Muria Vada)	MFH, F, D-FH series
Ned Deck Marine	FFH series
Ningbo Asia F.R.P. Boat Manufacturing Co Ltd	YZF series
Ningbo Kairong Ship Machinery Co Ltd	FH series
Ningbo New Marine Lifesaving Equipment Co. Ltd	NMF55KN series
Palfinger	FF, NPT-DF series
Qingdao Beihai Shipbuilding Heavy Industry Co. Ltd	BD-FF series
Oriental Precision	FD, series
SEC (Ships Equipment Centre)	HP2 series
Servo Ship S.L	FFR series
Sekigahara	SF series
Shanghai Hengyuan Marine Equipment Corporation	FH series
Shanghai Ship Design And Research Institution (Sdari)	FH series
Stoznia Utska SP. Z.O.O	PZ, HZ, HUZ series
Taizhou Haihao Marine Equipment Co.,Ltd	55kn series
Viking / Norsafe (Jiangyin)	H, HD, SW series
Verhoef	FL series
Wuxi Dongwu	F55, F70, NPT100F series
Wuxi Shengou	SMDF series
Zhenjiang Just Marine Equipment Co., Ltd	FH series
Zhenjiang Marine Auxiliary Machinery Works	FH series



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Zhejiang Wantong Heavy Industry Co., Ltd	FH series
Zhejiang Norsier Lifesaving Equipment Technology Co.,Ltd (Zhejiang Hengxin Ship Equipments Co.,Ltd)	NFH series
Wuxi Haidelong Marine Equipment Co., Ltd.	HDL-FA series
WINCH	
Type Twin drum; lifeboat gravity lowering electric hoisting Brake system; static brake; cone / disk; pads/band; decent brake; centrifugal with pads	
MAKE	MODEL/SERIES
Bada Heavy Industries	BA, BM, Elec. Motor Driven, PWD series
Davit Company	24 EPB series
Davit International	12 ;40; series
Dongwoo Machinery & Engineering Co., Ltd.	DWS series
Global davit	04, 07, 10, 14, 20, 26KNM, W07KN series
Greben	EW, CW series
Harding (Watercraft)	NW; MW series
Harding (Umo Schat Harding) (Schat Davit Company) (Palfinger)	HD, BE MW, 2 series
Iknow Machinery (TSUJI)	EB series
IMT.CO, LTD	ILR-W series
Mansei	EW, MW, CMW, AW series
Ned-Deck Marine (Palfinger)	15 series
Nor Davit	SP series
Pelegriini Marine Equipment	VAS 45 E Series
Qingdao Beihai Shipbuilding Heavy Industry Co. Ltd.	BW-LL, BW-HL, BW-HR, series
Tsuji Heavy Industries	EB series
Watercraft	NW, MW series
Welin Lambie	55; 53 ;97 series
Type Twin Drum, gravity-lowering/electrically hoisting w/holding static brakes with mechanically operated multiple disks friction pads / decent brake centrifugal w pads 22A	
MAKE	MODEL/SERIES
Acebi	TBE series
Bada Heavy Industries	BW, BMW, BWR, BDTW series
Dong Nam Enterprise.,Co Ltd	HLW series
Fassmer Marland	D series
Harding	CW, W series
IHI Marine United Inc	MUW series
Jiangyinshi Beihai	DS, DZ, DW, JYBW series
Jiangsu Jiaoyan (Jiangyin Xingjiang F.R.P. Co., Ltd)	JYW, JYWP series
Jiangyin Neptune	NPT-DW, NPT-DWS series
Jiangyin Wolong	JY-DZ/S series
Mansei	ABW, series
Oriental Precision	BWE, SWE series
Palfinger	CW, W series
SPP Shipbuilding Co Ltd.	W-5800A series
Sekigahara	SNW, SWE series
Viking (Norsafe) (Jiangyin)	NW series
Wuxi Huahuai Marine Equipment Limited Co. Ltd	HMW, MW series
Wuxi Dongwu	DS/Z, D/Z Series
Youngnam Machinery Co. Ltd	YNBW
Zhenjiang Dh Marine Equipment Co., Ltd	DW series
Zhejiang Hengxin Ship Equipment Co.,Ltd	D, NS/NZ series
Zhenjiang Marine Auxiliary Machinery Works	D, DP, DS/DZ, DW series
Zhejiang Norsier Lifesaving Equipment Technology Co.,Ltd (Zhejiang Hengxin Ship Equipments Co.,Ltd)	NS/NZ series
Type Single Drum Gravity lowering electric hoisting lifeboat / rescue boat / static brake pad, cone, disk, band / decent brake centrifugal pads	
MAKE	MODEL/SERIES
Harding	CW, W series
Palfinger	CW, W series
Type Twin Drum, gravity-lowering/electrically hoisting w/holding static brakes with mechanically operated	



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multiple disks friction pads / decent brake hydraulic pump	
MAKE	MODEL/SERIES
Harding (Umo Schat Harding) (Palfinger)	HD/EW - 8 PL series
Harding	LW series
Fassmer	FDW series
Type Single Drum Gravity lowering electric hoisting lifeboat / rescue boat / static brake pad, cone, disk, band / decent brake centrifugal pads	
MAKE	MODEL/SERIES
Acebi	TBE series
Acta	KNT series
A Tech	AT10-LRD series
Dongnam Marine Crane Co.,Ltd.	DSAD series
Dongwoo Machinery & Engineering Co., Ltd.	DBD series
Harding	LW series
Harding (Umo Schat Harding)	16 EBR, BE 7.5 series
Jiangyin Neptune	NPT-DW series
Ned deck Marine	04, series
Menarom Sa	CMPS 21 series
Sec (Ships Equipment Centre)	WL series
Sheyang Victor Marine Auxiliaries Co., Ltd	14 KN series
Survival Systems Int.	W series
Viking (Norsafe) (Jiangyin)	DW series
Wuxi Haidelong Marine Equipment Co., Ltd.	SA23 series

Type Single drum Gravity lowering electric hoisting liferaft / rescue boat / static brake pad, cone, disk, eccentric cam / decent brake centrifugal pads	
MAKE	MODEL/SERIES
Alexander Welin	AIW series
Bada Heavy Industries	BDF, BLW, BMW, BRW series
Cssc Luzhou Zhenjiang Marine Auxiliary Machinery Works (Ex Zmamw)	SAF series
Davit Company	16 EV , SRR series
Davit International	0.1., 02., 03., 04., 07kn series
Dongnam Marine Co Ltd	DRBD, DRBLRW series
EO Lifesaving	W series
Fassmer	DEW series
FERRI	1872 series
Global Davit	01,02,04,08, 10 Kn, series
Gurdesan	GD-FLW series
Greben	EW-2, PROMAC 12/4.2 EL series
Haeen Machinery Ind. Co. Ltd.	HHD-PC series
Harding (Umo Schat Harding) (Schat Davit Company) (Palfinger)	FME, W 2100 series
Japan Marine United Corp.	JYR-21 series
Jiangsu Jiaoyan Marine Equipment Co., Ltd (Jiangyin Xinjiang F.R.P. Co. Ltd)	JYA30 series
Jiangyinshi Beihai	YZ series
Jiangsu Jiaoyan (Jiangyin Xingjiang F.R.P. Co., Ltd)	JYRZ, JYDZ
Jung-A-Marine Co., Ltd	PCRLC seires 23A
Mansei	SW , RMW, MW, ERW, RBH, LBH series
Maritime Deck Machinery	W-6116 E series
Navim Group (Tecnimpianti S.P.A)	RBEW series
Nanjing Dongsheng Marine Equipment Co.,Ltd	ARL21 series
Ned deck Marine	HWCT series
Oriental Precision	RDW series
Qingdao Beihai Shipbuilding Heavy Industry Co. Ltd	BW-SC series
Pelegriani Marine Equipment	RLC series
Taizhou Haihao Marine Equipment Co.,Ltd.	21kn series
Tsuji Heavy Industries	TC series
Ulstein Fama (Fama Gnieuw)	ERM, ER10B series



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Viking (Norsafe) (Jiangyin)	W series
Welin Lambie	5619,9502, PIV.1.0A series
Wuxi Huahai Marine	MW series
Yilmaz Denizcilik	YDGS 10 series
Zhenjiang Dh Marine Equipment CO., LTD	DW series
Zhejiang Hengxin Ship Equipment	YZ series
Zhejiang Wantong Heavy Industry Co., Ltd	DZ series
Zhenjiang West Marine Equipment Co., Ltd	WME-SAD 14 series
Type Single Drum, hydraulic lowering/hydraulic hoisting	
MAKE	MODEL/SERIES
Bada	HDF, PWD, series
Cramm Yachting Systems B.V	BWF1500 series
BOPP Treuils JEB	BHD, BHP 4200 series
Brevini	BWF 025, BWC 050, W381 series
Bryne Mekanikk As	H02D1D series
Global Davit	W05HC, W08HC, WS, 02H.06.01 series
Davit International	06 series
DSB Engineering Co Ltd	DRM-HW series
Dinamic Oil	DRM-FHW / RW series
Fassmer / Marland	FFWH series
Gurdesan	GD-HC-A, GD-KV 35 series
Greben	HW series
Haeen Machinery Ind. Co. Ltd.	HHD-PC series
Harding (Umo Schat Harding) (Schat Davit Company) (Palfinger)	HD, LN, EW-02-PL, RWH 1,2 series
Hydramarine	23B35T22 series
Hatecke	FFA, 07.02.08 series
INI Hydraulic	IYJ-ZPN series
Jiangsu Jiaoyan (Jiangyin Xingjiang F.R.P. Co., Ltd)	FW, FW45 series
Jiangyin Neptune Marine Appliance Co., Ltd.	NPT-HW series
Macgregor	HMW series
Mansei	06, FW series
Navigation's	HWRB 1.2 series
Noreq	NW series
Oriental Precision	WL series
Palfinger	NW 1800H series
Servo Ship S.L	FFRW series
TMA Winches	TN MW series
TTS Hydralift	SP, HLD series
Ulstein Fama (Fama Gnieuw)	WLZ43C-11 series
Vestvinsj	BW series
Vestdavit	C series
Verhoef	FL 50 series
Viking (Norsafe) (Jiangyin)	HYD-FF, NWR series
Zollern	ZR, A2FM45-61A, ZHP series
Zhenjiang Marine Auxiliary Machinery Works	SAW series
Zhejiang Wantong Heavy Industry Co., Ltd	IYJ4-50-120-20-ZP series