



LIFEBOAT DAVITS

DAVIT AND WINCHES



To complete the full range of lifeboat requirements Survitec offer a range of ship and rig davit launching appliances for lifeboats, designed to withstand long periods of operation under adverse and extreme conditions in highly corrosive marine and offshore environments.

Meeting the stringent requirements of IMO/SOLAS, LSA regulations as well as the European Council Directive 96/98 EC on Marine Equipment (M.E.D.). Survitec lifeboat davits are manufactured to ensure they remain inherently strong, reliable and perform in the toughest environments.

Since the safe working load and outreach of the davit is normally determined by the size of the lifeboat, Survitec offers not only the standard range of lifeboat davits required but can also offer bespoke adapted versions to meet individual vessel needs. Operating the Davit is simple, there is a motor starter built into the davit arm which operates at the main switch. In case of a power failure the user is still able to operate the davit manually using the crank handle of the winch.

FEATURES

- RANGE OF SHIP AND RIG DAVIT LAUNCHING APPLIANCES FOR LIFEBOATS
- DESIGNED TO WITHSTAND LONG PERIODS OF OPERATION UNDER ADVERSE AND EXTREME CONDITIONS IN HIGHLY CORROSIVE MARINE AND OFFSHORE ENVIRONMENTS
- MEETS IMO/SOLAS, LSA REGULATIONS AS WELL AS THE EUROPEAN COUNCIL DIRECTIVE 96/98 EC ON MARINE EQUIPMENT (M.E.D.)
- STANDARD AND BESPOKE OPTIONS AVAILABLE TO MEET INDIVIDUAL VESSEL NEEDS



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Davit options available

- Conventional gravity ship davit systems
- Freefall davits
- Fixed arm rig davits
- Fast rescue craft davits
- Slewing davits for combined liferaft / rescue boat
- Fixed Cantilever Launching Appliance
- Compact 'low head-room' hydraulic davit systems for FPSOs and ships and 'skid-mounted solutions'

Winches

Each lifeboat davit is supplied with an electric driven winch located on the deck, the winch is a standard item and consists of the following main components:

- Closed gear casing
- Built-on electric motor
- Single winch drum with separate section for remote control wire
- Centrifugal brake unit for gravity lowering
- Stop brake of the "dead-man" type
- Manual cranking gear with safety device

Davit inspection

Using our well trained and experienced lifeboat engineers we are able to meet both your annual and 5-year inspection requirements. This includes overload testing, LRRS and launching appliance maintenance and overhaul, and a full range of new lifeboat and davit supply and commissioning. These activities are completed in accordance with SOLAS III and IMO requirements, under our Classification Societies and Flag States' approvals, assuring our customers we meet and surpass the statutory requirements.

Ship's Gravity Davit

TECHNICAL DATA		
Model	Max. Working Load (kN)	Suitable Boat
SC60DL	60	SC50-60F/C
SC85DL	90	SC75F/C
SC138DL	138	SC85F/C - SC93F/C
SC170DL	180	SC95F/C
SC200DL	205	SC150F/C

Ship's Gravity Davit Winch

TECHNICAL DATA				
	Model	Max. Working Load (kN)	Hositing Load (kN)	Lowering Load (kN)
SC50DW	D50S Life	50	27	30
	D50Z Rescue	50	27	30
SC70DW	D70S Life	70	39	45
	D70Z Rescue	70	39	45
SCDW100	SCDW100 Life	100	70	60
	SCDW100 Rescue	100	55/70	60
SCDW130	SCDW130 Life	130	100	130
	SCDW130 Rescue	130	75/130	130
SCDW160	SCDW160 Life	160	160	160

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Platform/Rig Davit

TECHNICAL DATA		
Model	Max. Working Load (kN)	Suitable Boat
SC85DP	90	SC75F
SC/PL110	110	SC85F
SC138DP	140	SC85F - SC93F
SC185DP	185	SC95F
SC200DP	205	SC150F

Platform/Rig Davit Winch

TECHNICAL DATA				
Model		Max. Working Load (kN)	Hositing Load (kN)	Lowering Load (kN)
SC/DW110	SC/DW110 Life	110	110	110
	SC/DW110 Rescue	110	60/110	110
SC/DW138	SC/DW138 Life	138	138	138
	SC/DW138 Life Rescue	138	80/138	138
SC/DW230	SC/DW230 Life	230	230	230

A-Frame FRC Davit

TECHNICAL DATA		
Model	Max. Working Load (kN)	Suitable Boat
SCBEC2	19	SC60R
SC30DP	30	SC60R - SC70R
SC18/27DR	30	SC60R - SC70R

Single Arm Rescue Boat/Liferaft Davit

TECHNICAL DATA		
Model	Max. Working Load (kN)	Suitable Boat
SC21DR Manual Liferaft Davit	21	Liferaft
SC23DR Rescue Boat/Raft Davit and Crane	23	SC40R - SC45R
SC30DR Rescue Boat/Raft Davit	30	SC60R - SC70R

Single Arm Rescue Boat/Liferaft Davit Winch

TECHNICAL DATA			
Model	Max. Working Load (kN)	Hositing Load (kN)	Lowering Load (kN)
SC23DW	23	18	23
SC30DW	30	30	30

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Freefall Lifeboat Davit

TECHNICAL DATA

Model	Max. Working Load (kN)	Suitable Boat
SC55DF	50	SC49FF/FC - SC59FF/FC
SC70DF	70	SC59FFA/FCA - SC67FF/FC
SC85DF	85	SC75FF/FC
SC100DF	110	SC90FF/FC - SC105FF/FC
SC230DF	230	SC120FF/FC - SC150FF/FC

Ship's Roller Track Gravity Davit

TECHNICAL DATA

Model	Max. Working Load (kN)	Suitable Boat
SC65DTL	68	SC50 - 60F/C
SC90DTL	90	SC75F/C
SC125DTL	125	SC85F/C - SC93F/C
SC160DTL	160	SC95F/C

Ship's Hydraulic Gravity Davit

TECHNICAL DATA

Model	Max. Working Load (kN)	Suitable Boat
SC130DYL	130	SC85F/C - SC93F/C
SC150DYL	160	SC95F/C
SC200DYL	205	SC150F/C

APPROVALS

IMO/SOLAS, LSA regulations as well as the European Council Directive 96/98 EC on Marine Equipment (M.E.D.) MSC.47 (66), MSC.216 (82), MSC.48 (66), MSC.218 (82) and the IMO 1989 MODU and also been approved by major classification societies.

