

Dacon Rescue Scoop

Powered Recovery System for Rescue Vessels

The Dacon Rescue Scoop

Crane Operated Recovery System for Standby- and Supply vessels, Coast Guard cutters, Pilot vessels, Tugs and utility vessels.

Accepted by UKOOA/MCA and NMD. Used throughout the world.



Introduction

- The Dacon Rescue Scoop is a manoeuvrable rescue "net" for recovery of casualties from the water directly on board rescue vessels
 - Operated with a standard deck crane
 - Rescue reach 4-6 m
 - The equipment is light-weight and flexible and provides gentle and effective retrieval of casualties
 - Stows small along railing or bulwark, or integrated in the cargo rail. Does not occupy deck space
 - The Dacon Rescue Scoop has proved practical and effective through years of operation
- More than 300 vessels are now equipped with the Dacon Rescue Scoop
 - Optional hydraulic drum reels in the Dacon Rescue Scoop after use
 - The Rescue Scoop is robust and provides long and trouble free service



Design

- The Dacon Rescue Scoop is designed as an open meshed net. It consists of parallel fibre glass bars which are connected by webbing
- The Dacon Rescue Scoop is equipped with pebble buoys to fend it off the hull side and for easy grip in a scrambling situation

Use

- The vessel is manoeuvred to approach the casualty in the water within the rescue reach of the Scoop.
- On final approach, the Scoop is lowered allowing the casualty to drift into the opening and gently brought up to the railing

Medical Aspects:

The Dacon Rescue Scoop, recovers the casualty in a horizontal position with body straight and fully supported.



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Models for all size vessels

The Dacon Rescue Scoop may be supplied in various dimensions to fit vessels of all sizes.

Offshore Models:

Model	RSA 700	RSA 600	RSA 500
Length	7m	6m	5m
Depth	8-12m	8-12m	8-12m
Weight	5000kg	450kg	400kg
Rescue Reach	4-6m	4-6m	4-6m

Utility Vessel models

Model:	RSB 300-400
Length:	3-4m
Depth	5-7m
Weight	90-130 kg
Rescue Reach	2-4m

Materials:	
Rods	GRP
Webbing	Polyester
Fittings:	Stainless steel
Flotation	Expanded PP
Booms	Aluminium



Crane requirements

Offshore Model:

Outreach	About 6m (in the forward half of the installation zone)
Lifting height	8-12m (above deck, in the middle of the installation zone)
Capacity	1500kg (dynamic)
Winch speed	min. 50m/min
Topping speed	30s

Utility Vessel Model:

Outreach	About 4m (in the forward half of the installation zone)
Lifting height	5-8m (above deck, in the middle of the installation zone)
Capacity	250kg (dynamic)
Winch speed	min. 60-120m/min
Topping speed	30s



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