



# VIKING EVACUATION MINI CHUTE, VEMC 1.19

## Technical Data, VEMC 1x150 B-pack system.

The VIKING Evacuation Mini Chute system, VEMC, consists of a frame, a chute-pack, a liferaft in a container, and a bowing winch. The liferaft containers are mounted on the frame by means of lashing straps. Additional liferafts can be positioned near to the VEMC system and released by means of a remote release system. The VEMC system itself can also be remote released if required. A connection line ensures connection between additional liferafts and the inflated VEC system. The system is available for short international voyage (B-pack).

<b>STOWAGE HEIGHT</b>	Min. 6.1 - max. 20.2 m above waterline in lightest seagoing condition
<b>EVACUATION CAPACITY</b>	582 persons within 30 min. (SOLAS regulation) with 1 EscapeWay™ chute 326 persons within 17 min. 40 sec. (SOLAS-HSC regulations) with 1 EscapeWay™ chute
<b>LIFERAFT</b>	Approved with 153 persons self-righting liferaft with a SOLAS B emergency pack
<b>LENGTH</b>	2200 mm
<b>DEPTH</b>	1520 mm
<b>HEIGHT</b>	2370 mm
<b>WEIGHT</b>	1500 kg
<b>APPROVALS – SYSTEM</b>	SOLAS 74, Reg. III/4 & III/34, as amended by IMO Res. MSC 48(66) and IMO Res. MSC 81(70) EC type approval acc. to EC Directive 96/98/EC
<b>APPROVALS - LIFERAFTS</b>	SOLAS, IMO, USCG, MCA, EC and other national authorities
<b>MATERIALS</b>	
<b>SYSTEM FRAME</b>	Steel, metallized and painted
<b>CHUTE SECTIONS</b>	Outer and inner liner of synthetic fabric Each section mounted on stainless steel rings
<b>BOWING WINCH</b>	Andersen 52 ST Stainless steel, AISI 329
<b>WIRES</b>	Galvanized or stainless steel
<b>INSULATION PLATES</b>	Nylon, PEDH
<b>LIFERAFTS</b>	Nylon webbing covered with natural rubber
<b>LIFERAFT CONTAINER</b>	GRP
<b>INTERFACE TO SHIP</b>	The system is bolted to the ships structure with 6 x M20 galvanized bolts.
<b>DESIGN CRITERIA</b>	The structure is designed with safety factor 4.5.
<b>ACTIVATION</b>	The system is activated by pulling the slip-hook or alternative by the remote release system, type Hammar (optional). By gravity acting on the liferaft container, the container will start moving down the frame and start tilting the chute package. The liferaft's inflation is activated manually by pulling the painter line from installation deck. The liferaft will automatically pull the chute into the liferaft when inflating.