



LILLSKARV

THE SKARV SYSTEM

Lidan SKARV products are a new evolution of Launch and Recovery Systems. Today the SKARV is available in 4 sizes, with a tow capacity up to 18 kN.

Designed for payloads up to a length of 3000 mm and a weight of 375 kg.

The SKARV is a complete Launch and Recovery System that combines Winch & Launch-Frame with a docking saddle. During towing operation the docking saddle is raised out of the water.

USV's comes with high demands on light weight, minimum foot print and reliability. Lidan Marine is working with leading USV manufacturing companies to deliver LARS equipment to meet the latest technology. The equipment is designed to be ship integrated on e.g. USV's, and to be remotely operated.

The LillSKARV is a complete Launch and Recovery System that combines Winch and Launch Frame with docking unit. It will fit between the hulls or over the transom of smaller vessels.

Can also be delivered as a turnkey solution including coaxial cable, mechanical and electrical termination with sliping.

- EASY INSTALLATION
- SAFETY FOR PERSONNEL AND SONAR
- LIGHT WEIGHT AND MODULAR
- USV READY

READ MORE @
www.lidanmarine.com



+46 (0)510 545250



info@lidanmarine.com



Lidköping – SWEDEN


TECHNICAL SPECIFICATION (incl. TW-1250)

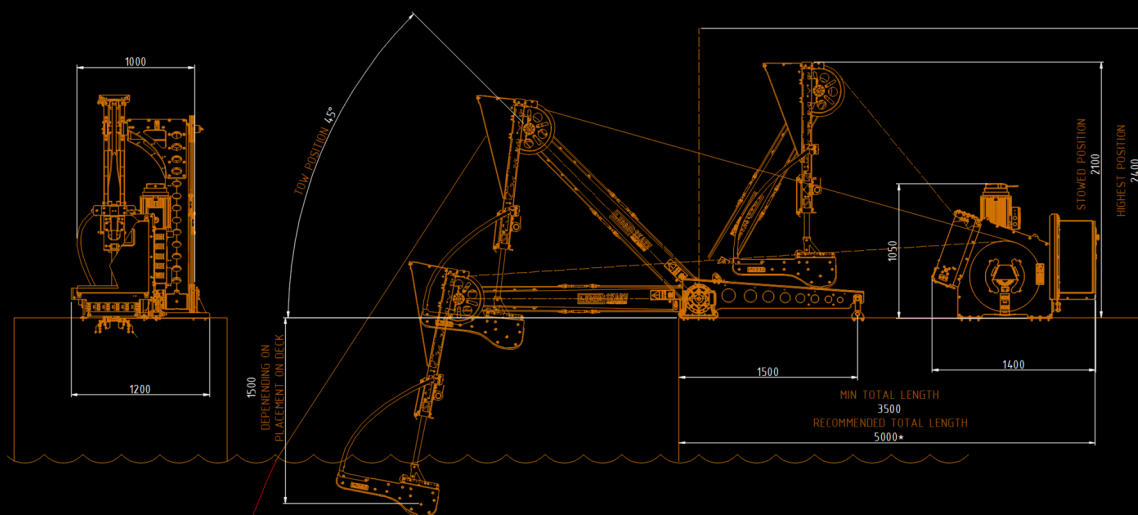
Weight:	Cable dia:	Capacity:	Line speed (avg.):	SWL:	WLL:
Approx 500 kg <small>Excl. cable and sonar</small>	Max 10.2 mm <small>Depending on gearbox</small>	Up to 1000m <small>Depending on cable</small>	60 m/min <small>Depending on gearing</small>	80 kg <small>Weight of payload</small>	300 kg <small>Towing up to 45° angle</small>
Power supply:	Up to 440VAC 3-phase 50Hz		Cable:	6,53 - 10.21 mm	
Winch drive:	2,2kW 230/3kW 440V <small>Encoder for cable scope</small>	Communication:		Ethernet <small>OPC UA protocol for remote control</small>	
Levelwind:	Driven pinch roller type Variable pitch dep. of cable	Slip ring:		Designed for Focal 180 type or similar	
Frame drive:	Gearbox <small>Provided with weather and cable cover</small>	Ingress protection:		IP66 <small>as standard</small>	

The LILLSKARV is supplied as standard with Launch Frame including Winch TW-1250:

- Anodized Marine Aluminium
- 12 Month Warranty
- Operations Manual
- Remote control capability
- Handheld wireless remote
- Maintenance Manual

Available options:

- Lifting frame with sling
- Marine grade paint
- Spare parts
- Remote software and HMI
- Emergency release
- Customized solution



Docking saddles adapted for – Klein MA-X VIEW 600 / 4K-SVY – Edgetech 4125i – Edgetech 4205
 Other types on request.