LIFTS

Personnel-Rated Lifting Systems





Survival Systems Limited

Personnel-Rated Lifting Systems

Survival Systems Limited's (SSL) personnel-rated lifting systems exceed OSHA, US Navy Crane Center, European Union [EN 13852], and other existing and pending personnel-lift regulations and rules related to Certification of Lifting Appliances. SSL's truly personnel-rated lifting systems are specifically designed for the complexities of use with underwater egress training simulators. Our series includes the overhead Twin Gantry Hoist ($TGH^{\mathbb{M}}$) and Cross Gantry Hoist ($XGH^{\mathbb{M}}$) as well as the foundation based SmartJib $^{\mathbb{M}}$.

SSL's lift systems offer fast lower speed at the rate required to induce disorientation. They have double cables; double motors; a fail-safe leveling plate; and a Redundant Retract System (RRS). These features make SSL's personnel-rated lift systems failsafe and completely without single-point of failure. Also, the RRS is independent (from source of power) and renders our lift systems capable of uninterrupted emergency retract, eliminating the risk of non-performance associated with power failure, loss of control, or delayed reaction associated with the time it takes for a back-up generator to start up.

Some features include dual lifting mechanisms, integrated METS® remote air brake system, user settable variable ditching speeds, advanced ditching monitoring, effects sequencing and control, as well as a pneumatically operated RRS to mitigate the risk of power failures during critical (submersion) Underwater Escape Training (UET) sequences.



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