

Thern

Product Application



Marine

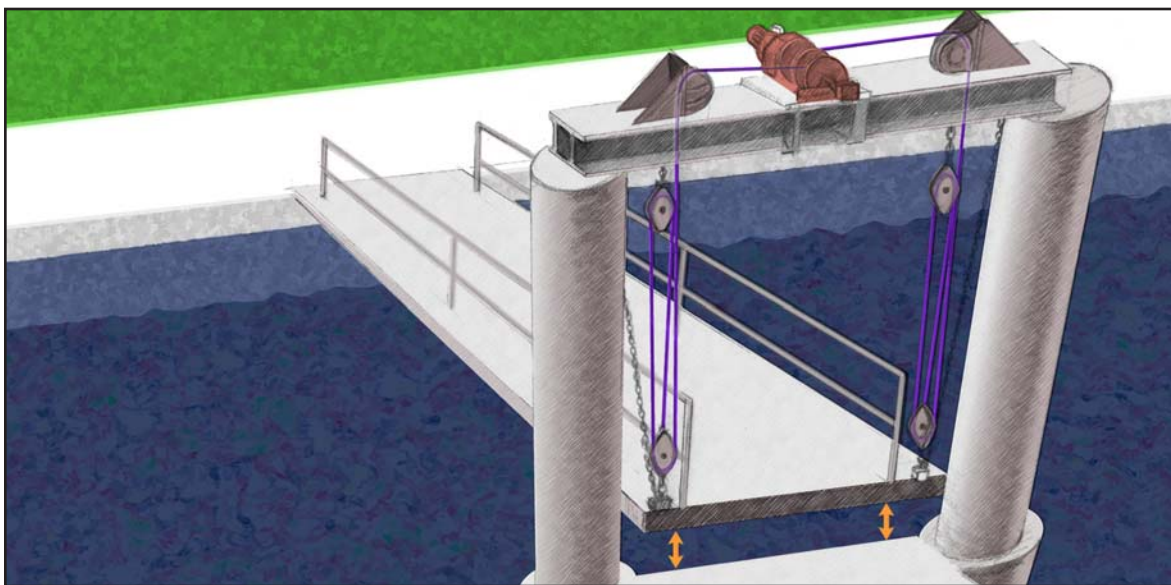


Raising and Lowering Access Ramps



Winches raise and lower the walkways to a river boat to adjust for changing water levels. A secondary tie off is used to support the ramps in the stationary position, so the winch is not under tension

when not in use. Winches are located on support beams above the ramps. Two wire ropes come off each winch drum, and attach to each side of the ramp.





The close position of the sheave creates a very tight fleet angle, which requires the drum compartments to be narrow. Winch finish must be special color to match ramp.

APPLICATION DETAILS

Lifting or pulling:	Lifting
Line pull required:	22,000 lb at hooks, 11,000 lb per hook
Line speed required:	4 fpm at hook
Travel distance of load:	8 ft at hook
Power source:	460/3/60
Installation requirements:	Base mounted, short fleet angle distance
Environment:	Marine
Frequency of operation:	Could be used hourly

