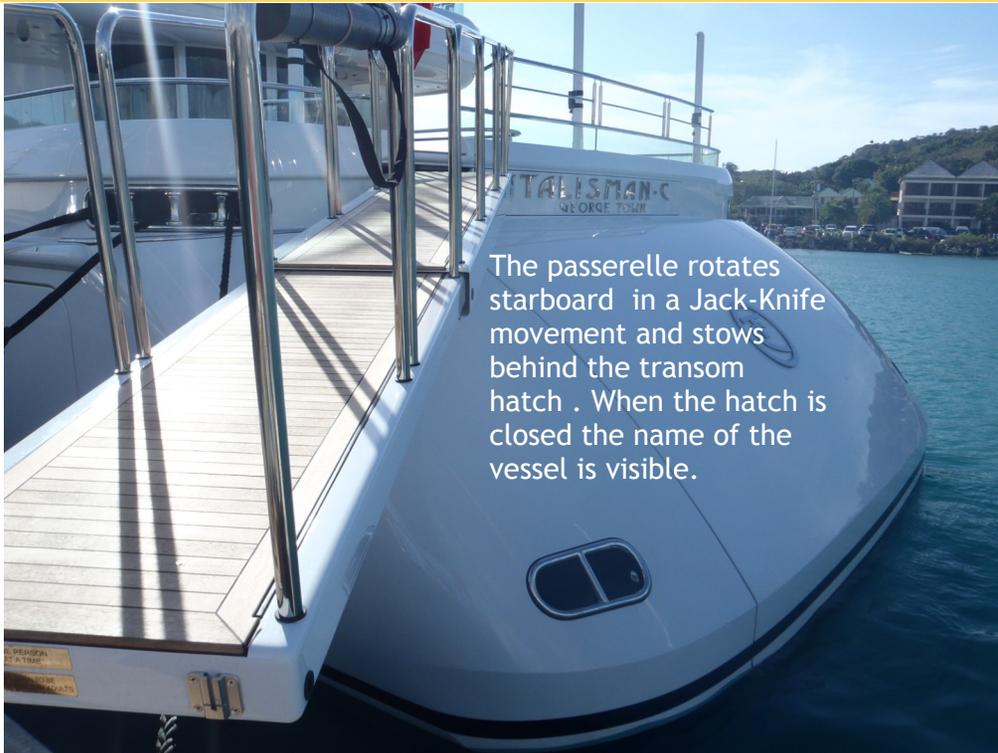




NAUTICAL STRUCTURES

Marine Engineering and Manufacturing

Jack- Knife Passerelle/Gangway



The passerelle rotates starboard in a Jack-Knife movement and stows behind the transom hatch. When the hatch is closed the name of the vessel is visible.

Rugged aluminum alloy construction and attention to the finer details is what differentiates the Nautical Structures passerelle from that of all other manufacturers. The exceptional quality and value of your vessel has now extended all the way to the dock as the passerelle is typically the primary entranceway onto your yacht. Quality features include: Watertight enclosure fabricated in either steel or aluminum alloy, Self-Propelled Deployment, without the use of belts or gears, hydraulic luffing and slewing, the ability to self-support its weight above the dock while passengers are boarding with very minimal deflection, mandrel-bent Hoop-Style stainless steel handrails, traditional seamed teak walking surfaces LED light-hand-laid into the teak, wireless remote control, call-bell/intercom/security system, hydraulic automation including self-support and float-feature, and automated hydraulic transom door. The float feature allows the passerelle to be deployed onto the dock with the benefit of dock-wheels the passerelle is capable of moving with the tide and with the vessel on its spring-lines.

Additional Features may include:

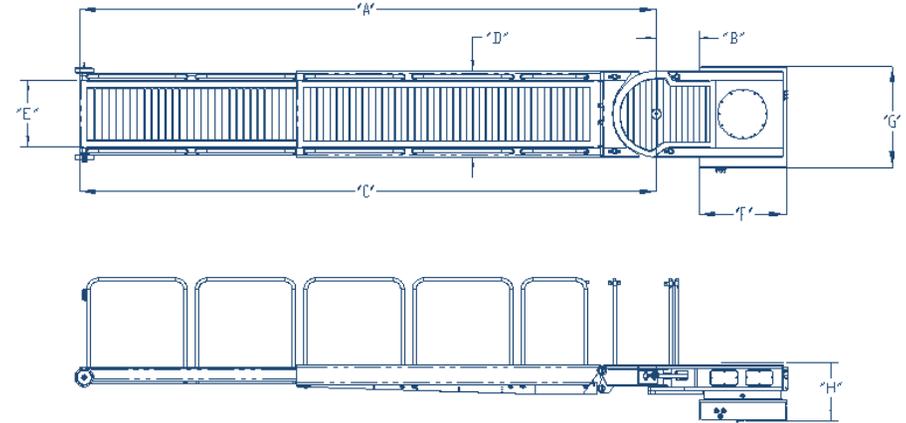
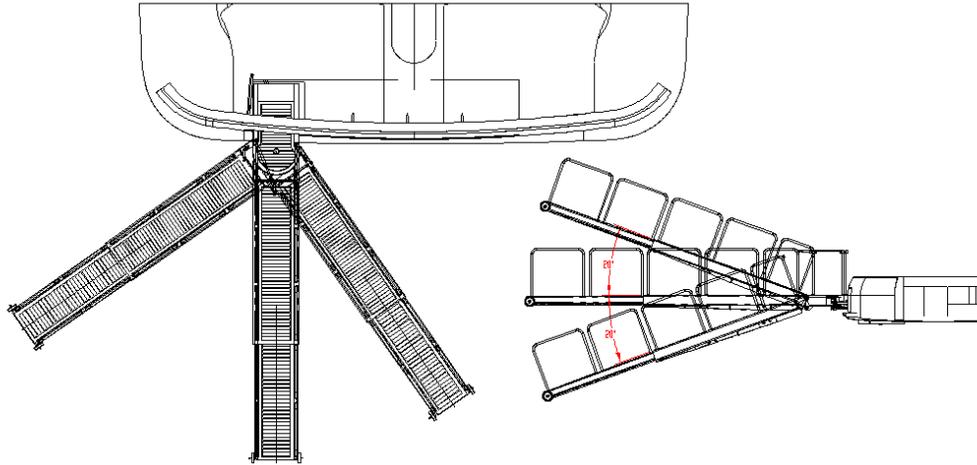
- Telescoping Sections, single or double telescoping sections that allow adjustment of plank's deployed length and permit the plank to fit into shorter enclosure lengths.
- Folding Section allows the plank to fold back under, or back over onto itself, allowing the passerelle to fit into even shorter enclosure lengths.
- Folding & Telescoping Sections, this allows for the maximum amount to

deployed length to fit in the shortest possible enclosure length. This feature allows the plank to fold back under, or back over onto itself, with a single or double-telescoping section built into the folding section.

- **Jack-Knife Design**, this style surface mounts onto the transom or aft seating of a vessel, or integrating into the swim-platform when stowed. A self-leveling end section allows for comfortable boarding from the dock. Also very useful used as a tender-dock while on the hook in some applications.
- Self-Leveling stair treads, allow the passerelle to deploy in steeper angles providing a greater utility of deck-to-dock service height. The self-leveling stair treads essentially turn the passerelle into an accommodation stairway.
- Seamed Teak Decking, a style feature that enhances the look and style of the passerelle, and adds the sure-footing of teak battens.
- LED Lighting, for the ultimate finishing touch. This option integrates lighting strips into the teak-decking option. The Passerelle's elegance is stunningly obvious in the evening hours with the subtle contrast of light emitting from the teak walking surface.
- Hydraulic Transom Door, closes the aft-end of the watertight enclosure with perfect integration with the transom. Multiple hinge designs allow for the great variety of transom shapes and boarding gates.



Jack-Knife Passerelle/Gangway



#	Gangway Length from end of Box Extended		Car Length Box to center of rotation		Length from rotation		Plank Width		Walking Surface		Box Length		Box Width		Box Height		
	A		B		C		D		E		F		G		H		
	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	
17559	252.85	6422	18.48	469	234.38	5953	23.625	600	22.25	565							
18444	258.26	6560	14.01	356	244.25	6204	36.50	927	28.50	724							

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