



NAUTICAL STRUCTURES

Marine Engineering and Manufacturing

Single Telescopic Passerelle page 1 of 4



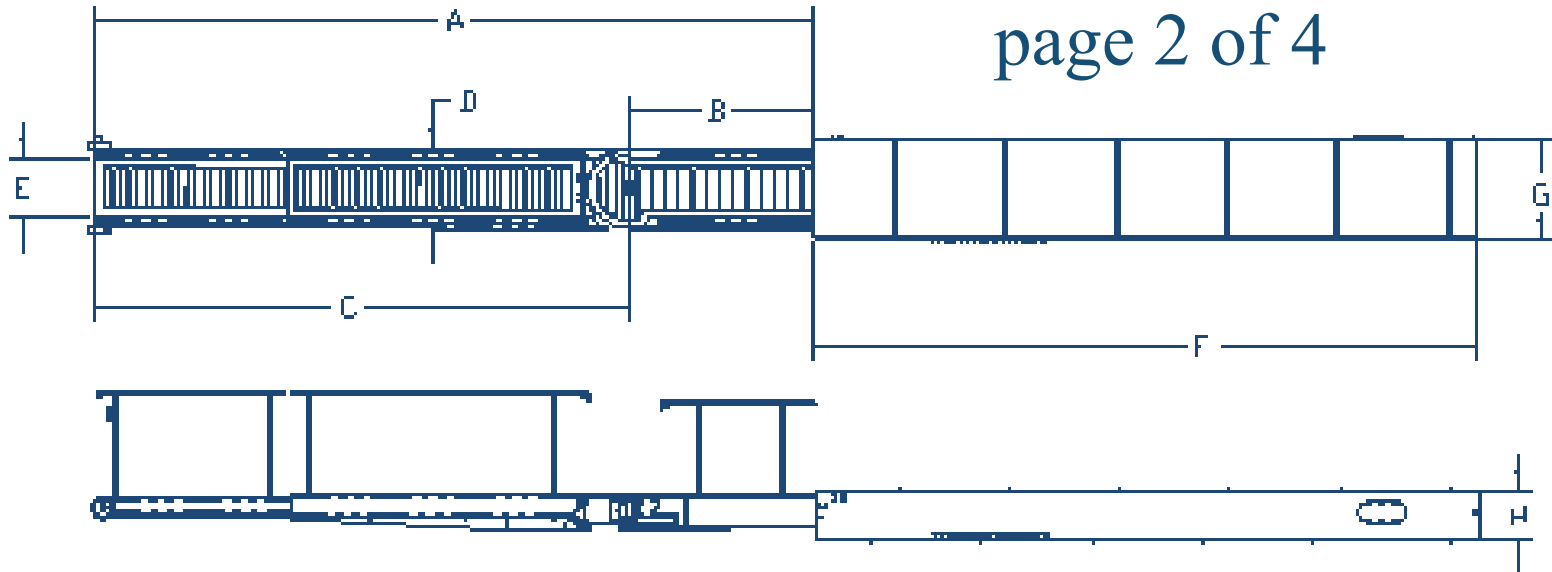
The single-telescoping type passerelle is a design that enhances the stowed efficiency and deployed flexibility of the plank. The passerelle may be deployed with the telescoping section extended or retracted. This allows the pocketing hydraulic passerelle to be used in a variety of boarding conditions. The single-telescoping passerelle luffs +/- 20 degrees and slews a total of 90-degrees.

Nautical Structures' hydraulic self-centering, slew-lock and float functions are standard features incorporated into the design of the telescoping passerelle, eliminating the need for electric limit/proximity switches. This provides long-term reliable performance in a wet marine environment with reduced maintenance requirements.



Single Telescopic Passerelle

page 2 of 4



#	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
333	152.82	3882	12.17	309	139.75	3550	24.00	610	16.75	425	138.00	3505	26.50	673	13.38	340
15243	152.82	3882	12.17	309	139.75	3550	24.00	610	16.75	425	138.00	3505	26.50	673	13.38	340
17042	180.47	4584	30.37	771	150.00	3810	24.00	610	16.75	425	161.00	4089	26.50	673	13.38	340
7797	191.88	4874	44.00	1118	147.91	3757	20.00	508	26.00	660	186.00	4724	26.00	660	15.50	394
15584	202.00	5131	25.81	656	176.22	4476	29.00	737	21.00	533	200.00	5080	36.00	914	17.50	445
8135	203.06	5158	21.38	543	181.68	4615	29.00	737	21.00	533	195.00	4953	36.00	914	15.50	394
17900	214.22	5441	68.95	1751	145.65	3700	27.00	686	20.00	508	208.82	5304	29.50	749	11.50	292
1200	218.25	5544	19.00	483	199.25	5061	36.50	927	28.00	711	202.62	5147	43.50	1105	17.50	445
150	227.96	5790	37.76	959	190.21	4831	29.00	737	21.00	533	260.00	6604	36.00	914	17.50	445
1047	229.15	5820	60.56	1538	174.95	4444	34.00	864	26.00	660	220.00	5588	36.50	927	11.50	292

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#	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
18388	230.50	5855	48.50	1232	182.00	4623	27.00	686	20.00	508	204.50	5194	29.50	749	13.38	340
8699	231.97	5892	63.56	1614	212.96	5409	27.00	686	20.00	508	236.23	6000	29.50	749	11.50	292
11524	231.97	5892	60.56	1538	171.45	4355	27.00	686	20.00	508	213.00	5410	29.50	749	11.50	292
12993	234.97	5968	63.56	1614	171.45	4355	27.00	686	20.00	508	210.00	5334	29.50	749	11.50	292
13526	234.97	5968	63.56	1614	171.45	4355	27.00	686	20.00	508	210.00	5334	29.50	749	11.50	292
14060	234.97	5968	63.56	1614	171.45	4355	27.00	686	20.00	508	210.00	5334	29.50	749	11.50	292
14933	234.97	5968	63.56	1614	171.45	4355	27.00	686	20.00	508	210.00	5334	29.50	749	11.50	292
13148	234.97	5968	63.56	1614	171.45	4355	27.00	686	20.00	508	210.00	5334	29.50	749	11.50	292
7646	236.25	6001	24.75	629	211.50	5372	29.00	737	21.00	533	211.00	5359	36.00	914	15.50	394
20516	236.30	6002	63.00	1600	173.20	4399	27.00	686	20.00	508	210.00	5334	29.50	749	11.50	292
14785	249.57	6339	41.62	1057	207.17	5262	27.00	686	20.00	508	214.00	5436	29.50	749	13.38	340
19861	249.57	6339	42.08	1069	207.55	5272	27.00	686	20.00	508	213.00	5410	29.50	749	13.38	340
394	251.01	6376	49.97	1269	201.01	5106	29.00	737	21.00	533	228.00	5791	36.00	914	18.50	470
16161	253.42	6437	73.26	1861	180.15	4576	27.00	686	20.00	508	222.75	5658	29.50	749	11.50	292
17428	259.60	6594	66.47	1688	193.12	4905	29.00	737	21.00	533	239.50	6083	36.00	914	17.50	445
20767	262.73	6673	104.18	2646	158.55	4027	27.00	686	34.60	879	301.88	7668	29.50	749	11.50	292
17037	272.70	6927	34.81	884	237.88	6042	25.00	635	17.00	432	235.25	5975	32.00	813	13.50	343
17248	272.70	6927	34.81	884	237.88	6042	25.00	635	17.00	432	235.25	5975	32.00	813	13.50	343
22698	272.83	6930	22.75	578	250.23	6356	36.50	927	28.50	724	217.64	5528	44.50	1130	17.00	432
17153	273.25	6941	40.00	1016	233.25	5925	36.50	927	28.50	724	234.00	5944	43.50	1105	17.50	445
16140	274.39	6970	81.25	2064	193.12	4905	29.00	737	21.00	533	254.50	6464	36.00	914	17.50	445
15282	282.00	7163	26.58	675	256.24	6509	36.50	927	28.50	724	240.00	6096	43.50	1105	17.50	445

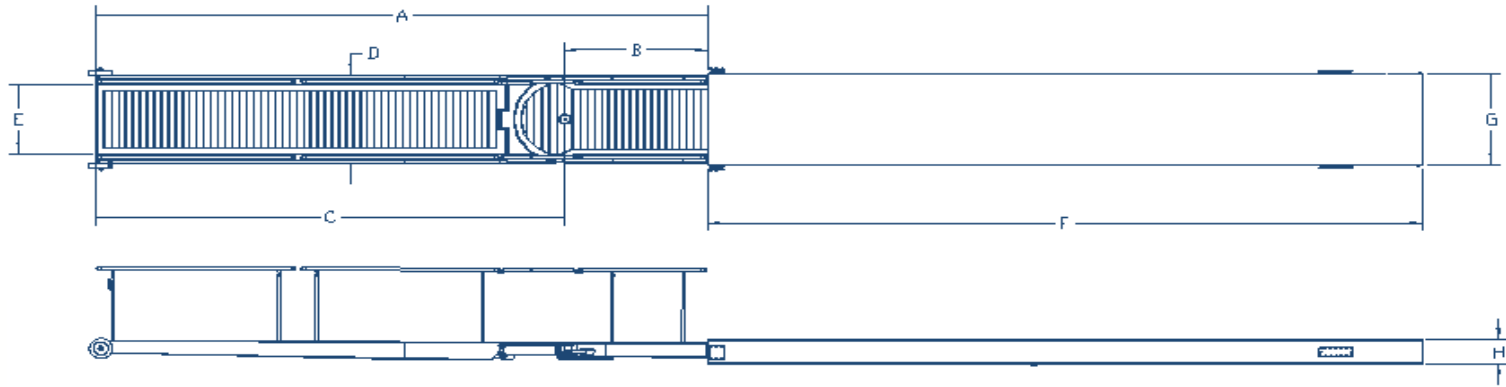
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#	Gangway Length from end of Box Extended		Car Length Box to center of rotation		Length from rotation		Plank Width		Walking Surface		Box Length		Box Width		Box Height	
	A		B		C		D		E		F		G		H	
	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm
11996	282.84	7184	79.00	2007	204.08	5184	36.50	927	28.50	724	270.50	6871	43.50	1105	17.50	445
11059	286.00	7264	70.00	1778	216.00	5486	29.00	737	21.00	533	260.00	6604	36.00	914	17.50	445
15844	287.25	7296	80.00	2032	207.25	5264	36.50	927	28.50	724	262.00	6655	43.50	1105	17.50	445
16028	287.25	7296	80.00	2032	207.25	5264	36.50	927	28.50	724	262.00	6655	43.50	1105	17.50	445
11147	288.00	7315	38.40	975	249.60	6340	29.00	737	21.00	533	247.00	6274	36.00	914	17.50	445
16029	343.00	8712	123.34	3133	219.66	5579	29.00	737	21.00	533	315.12	8004	40.62	1032	13.50	343
19922	371.10	9426	80.18	2037	290.38	7376	36.88	937	31.50	800	317.16	8056	46.50	1181	20.31	516
18179	422.00	10719	117.00	2972	305.00	7747	37.00	940	29.00	737	364.76	9265	48.18	1224	26.53	674
19841	238.20	6050	63.15	1604	171.45	4355	27.00	686	27.00	686	213.25	5417	36.50	927	11.50	292



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NAUTICAL STRUCTURES

Marine Engineering and Manufacturing

Double Telescopic Passerelle

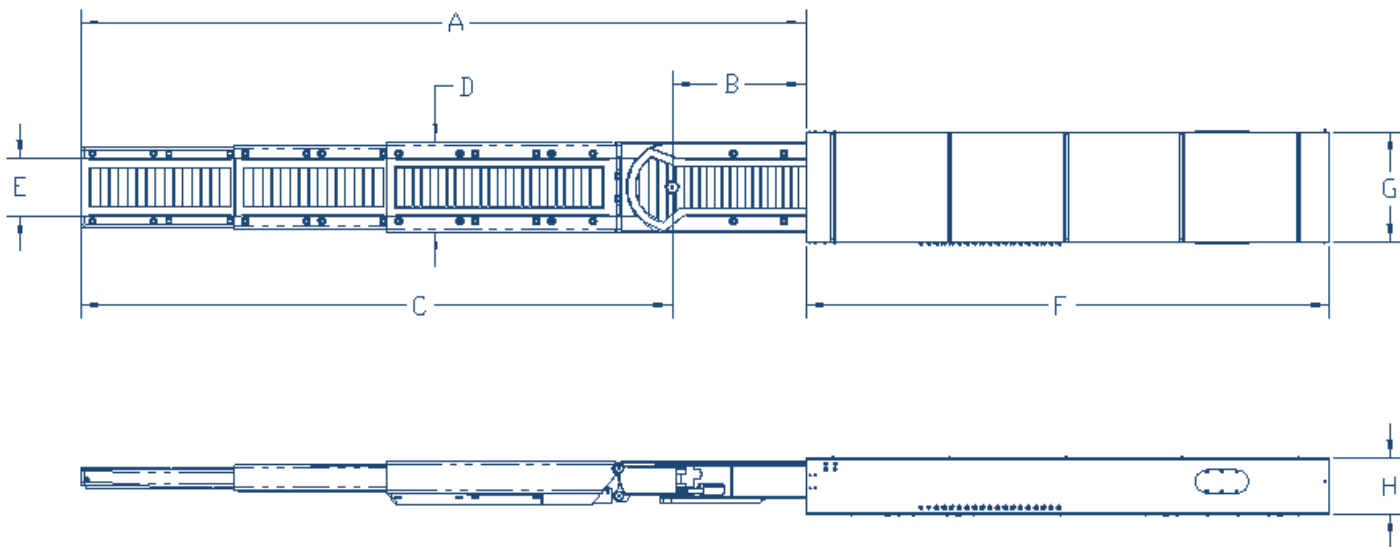


The double-telescoping type passerelle is a design that increases the stowed efficiency of the plank. By doubling the plank-sections the ratio of stowed length to deployed length is increased. This allows the pocketing hydraulic passerelle to stow in shorter spaces in the yacht. The passerelle may be deployed with the telescoping sections extended or retracted. This allows the pocketing hydraulic passerelle to be used in a variety of boarding conditions.



The double-telescoping passerelle luffs +/- 20 degrees and slews a total of 90-degrees. Nautical Structures' hydraulic self-centering, slew-lock and float functions are Standard features incorporated into the design of the telescoping passerelle, eliminating the need for electric limit/proximity

switches. This provides long-term reliable performance in a wet marine environment with reduced maintenance requirements.



Double Telescopic Passerelle

#	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
19894	166.69	4234	35.00	889	131.65	3344	27.00	686	18.50	470	164.16	4170	29.50	749	13.38	340
7867	204.75	5201	18.00	457	185.25	4705	25.00	635	25.00	635	185.00	4699	32.00	813	15.50	394
20818	210.89	5357	20.88	530	190.01	4826	23.50	597	15.63	397	141.00	3581	26.00	660	13.00	330
20842	210.89	5357	20.88	530	190.01	4826	23.50	597	15.63	397	141.00	3581	26.00	660	13.00	330
17401	223.01	5664	61.36	1559	161.62	4105	27.00	686	18.50	470	184.50	4686	29.50	749	13.38	340
17388	238.40	6055	43.40	1102	195.00	4953	29.00	737	19.00	483	171.00	4343	36.00	914	18.00	457
12838	270.75	6877	30.50	775	244.75	6217	36.50	927	26.90	683	221.00	5613	43.50	1105	17.50	445
17259	295.00	7493	32.25	819	261.75	6648	36.50	927	27.75	705	197.00	5004	43.50	1105	18.00	457
25018	295.35	7502	78.00	1981	172.88	4391	25.00	635	15.00	381	177.97	4520	43.50	1105	18.00	457
9261	296.50	7531	66.25	1683	230.25	5848	34.50	876	23.50	597	221.00	5613	43.50	1105	18.50	470

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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:

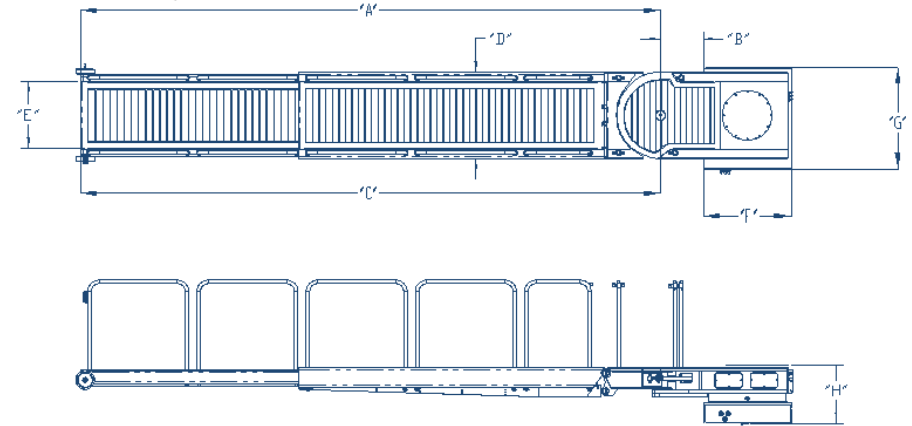
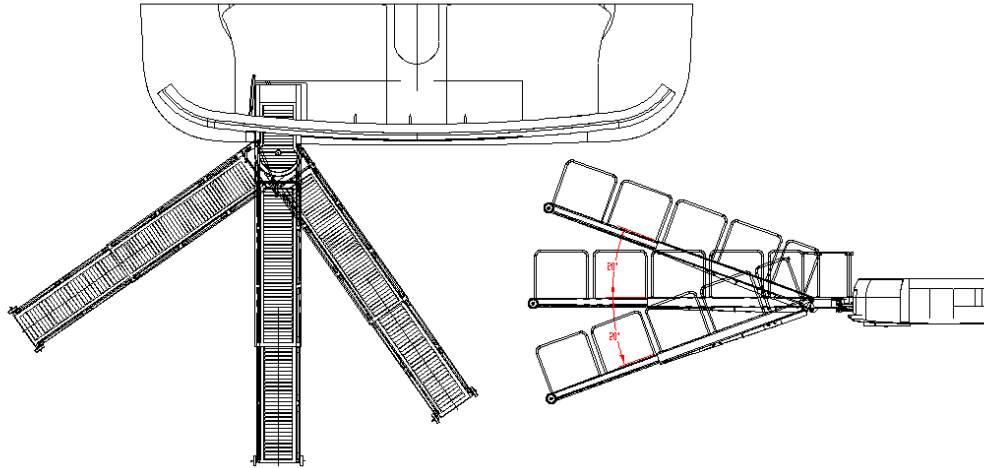
- Telescoping Sections, single or double telescoping sections that allow adjustment of plank's deployed length and permit the plank to fit into shorter enclosure lengths.
- Folding Section allows the plank to fold back under, or back over onto itself, allowing the passerelle to fit into even shorter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

Side Accommodation Passerelle-Stair

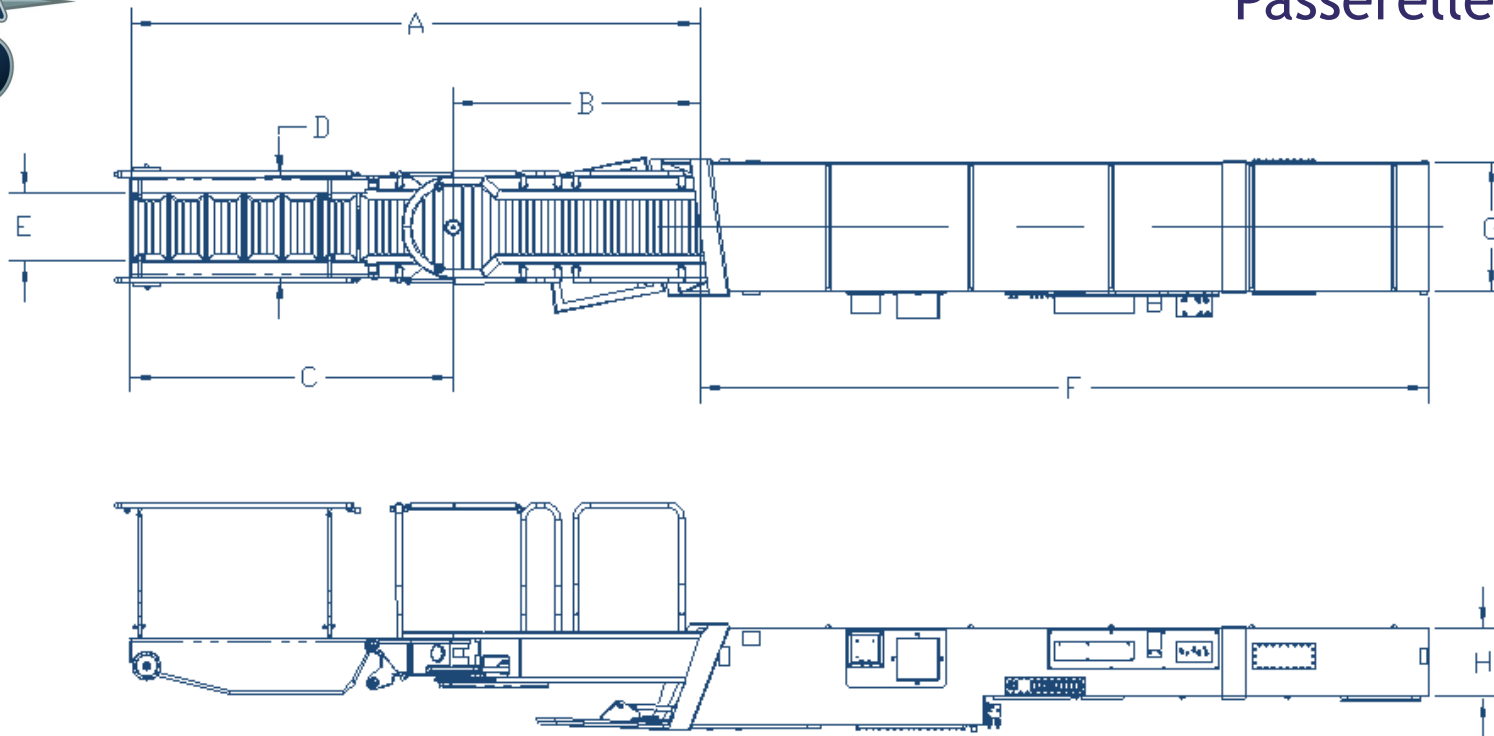


Nautical Structures specializes in the design and manufacture of individually-built exceptional passerelles. Each passerelle is built to order and to the exacting standards of the client. No two are necessarily produced exactly alike as each vessel we build for tends to be unique. The passerelles are available in any one of a number of configurations, including telescoping, folding, folding with a telescoping section, and the self-leveling 'Jack-knife' style.

Rugged aluminum alloy construction and attention to the finer details is what differentiates the Nautical Structures passerelle from that of all other manufacturers. From your first step onto your Nautical Structures Passerelle you know that you have arrived back on board in the comfort and style that you are accustomed to. 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 lighting 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.



Side Accommodation Passerelle-Stair



#	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
17921	163.38	4150	72.05	1830	91.32	2320	29.00	737	19.24	489	204.29	5189	36.50	927	19.50	495

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