

SKELETON STANDARD LINE

Technical data sheet — removable boarding stair E2.0 · dimensions in mm and inch



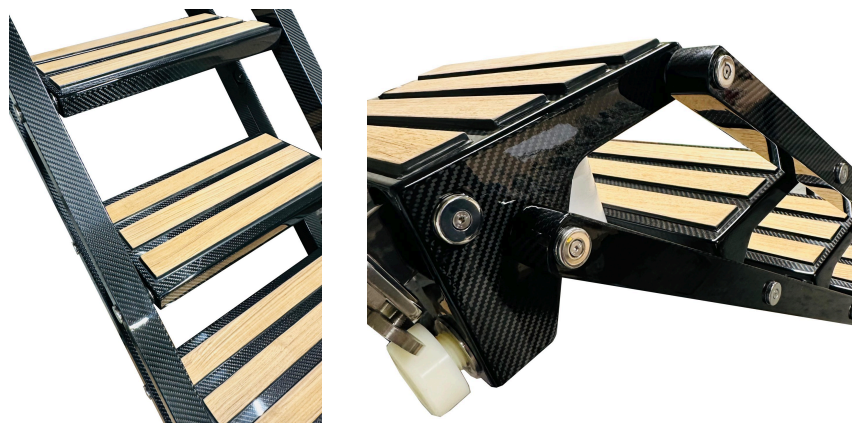
Material	Carbon pre-preg + epoxy resin, autoclave cured
Finish	Glossy C-LOOK, integrated UV protection
Step width	420 mm (16.5 in) standard 550 mm (21.7 in) on request
Steps available	4 to 8
Max working load	120 kg (265 lb)
Optimal inclination	45° – 55° from horizontal
Handrail	2 removable carbon stanchions + Spectra® lifeline Ø 8 mm (Ø 0.31 in), included
Yacht connection	Stainless steel plate, shiny polished
Protections / wheels	Natural white nylon; pivoting wheels
Storage brackets	Natural POM

SIZE RANGE

Code	Steps	Boarding height (45°–55° incl.)		Stringer length (extended)		Stowed length	
		mm	inch	mm	inch	mm	inch
SK.S4	4	760 – 860	29.9 – 33.9	870	34.3	1255	49.4
SK.S5	5	970 – 1090	38.2 – 42.9	1160	45.7	1545	60.8
SK.S6	6	1170 – 1350	46.1 – 53.1	1450	57.1	1835	72.2
SK.S7	7	1400 – 1580	55.1 – 62.2	1740	68.5	2125	83.7
SK.S8	8	1600 – 1830	63.0 – 72.0	2030	79.9	2415	95.1

Boarding height = vertical distance between the hull mounting point and the dock level, for the optimal inclination of 45°–55°. If your height falls between two ranges, contact us and we will help you choose. Stowed envelope: width 540 mm (21.3 in) with 420 mm steps, 670 mm (26.4 in) with 550 mm steps; height 185 mm (7.3 in). Options: teak covering, cover-mounted no-hull-drilling system, storage & transport bag, second pair of stanchions with life line, additional side mounting flanges. Beyond 8 steps, different widths or specific mounting: Premium/Custom line with dedicated drawing.

DETAILS

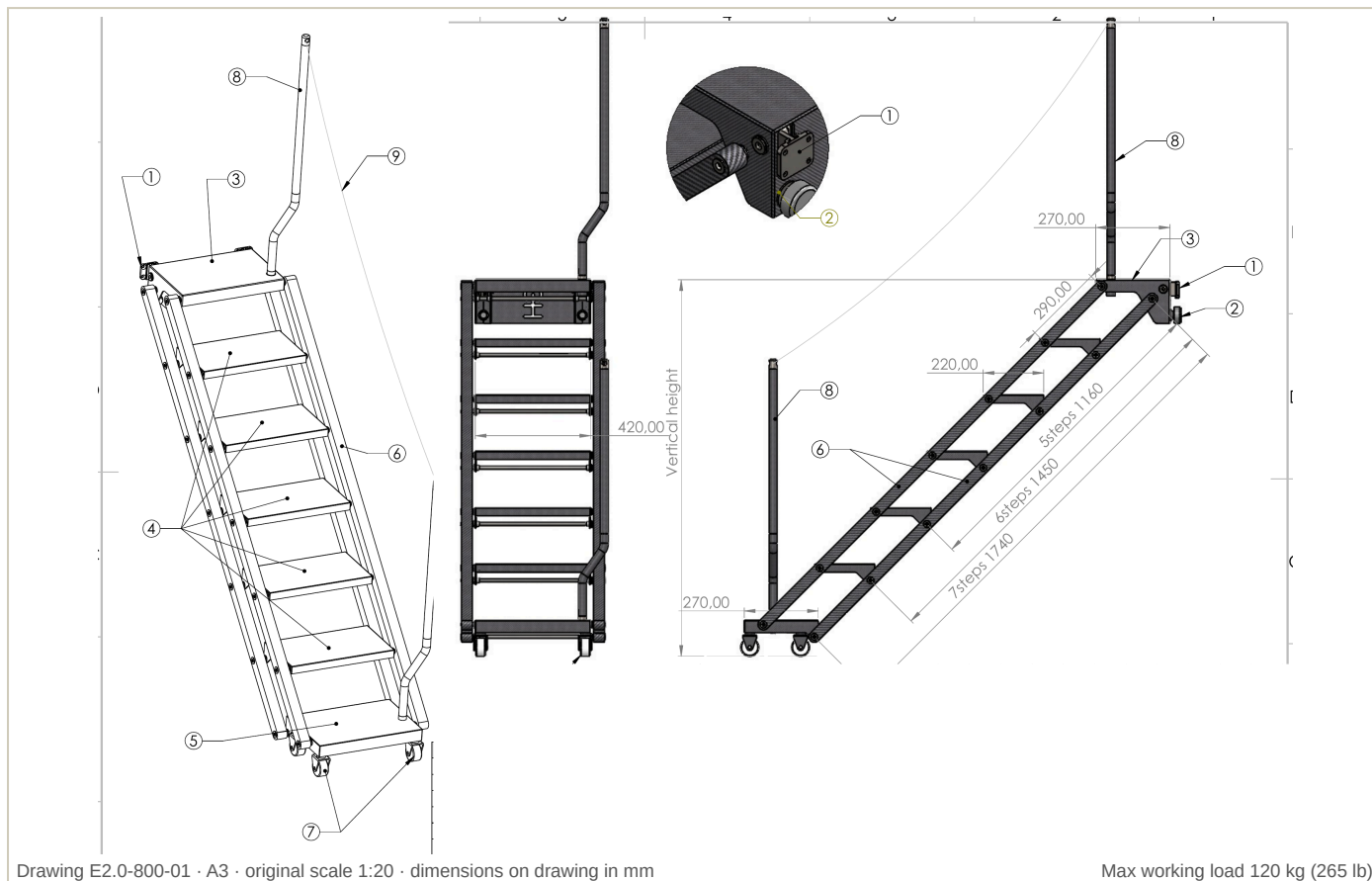


Carbon fibre side structure and steps with optional teak covering · stainless steel fixings and natural white nylon pivoting wheel.

Technical support

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GENERAL ARRANGEMENT — SKELETON E2.0



VERTICAL DISTANCE, TOP TO FLOOR — mm / inch

Ladder angle from horizontal	20°	30°	35°	40°	45°	50°	55°	60°	65°	70°
4 steps*	453 17.8	590 23.2	654 25.7	714 28.1	770 30.3	821 32.3	868 34.2	908 35.7	943 37.1	973 38.3
5 steps	552 21.7	735 28.9	820 32.3	901 35.5	975 38.4	1044 41.1	1105 43.5	1160 45.7	1206 47.5	1245 49.0
6 steps	651 25.6	880 34.6	987 38.9	1087 42.8	1180 46.5	1266 49.8	1343 52.9	1411 55.6	1469 57.8	1518 59.8
7 steps	750 29.5	1025 40.4	1153 45.4	1273 50.1	1385 54.5	1488 58.6	1580 62.2	1662 65.4	1732 68.2	1790 70.5
8 steps	849 33.4	1170 46.1	1319 51.9	1460 57.5	1590 62.6	1710 67.3	1818 71.6	1913 75.3	1995 78.5	2063 81.2

Top value in mm, bottom value in inch. * 4-step row calculated on the same geometry as the 5–8 step rows.

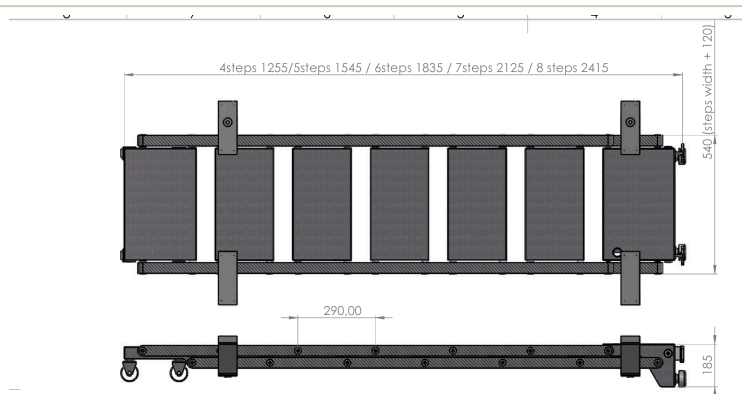
PARTS & MATERIALS

1	Yacht connection plate	Stainless steel, shiny polished
2	Protection	Nylon, natural white
3	First step	Carbon fibre, C-LOOK shiny painted
4	Steps	Carbon fibre, C-LOOK shiny painted
5	Lower step	Carbon fibre, C-LOOK shiny painted
6	Side structure	Carbon fibre, C-LOOK shiny painted
7	Pivoting wheels	Nylon, natural white
8	Removable stanchions	Carbon fibre, C-LOOK shiny painted
9	Lifeline	Spectra® Ø 8 mm (Ø 0.31 in)

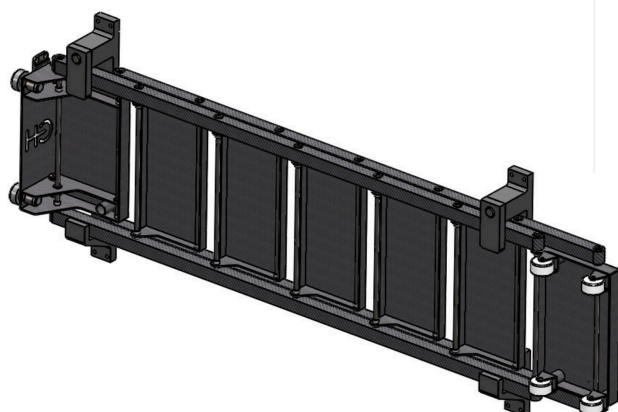
DIMENSION KEY

Dimension	mm	inch
Step width (standard)	420	16.54
Step pitch along side structure	290	11.42
Step length	220	8.66
Top platform length	270	10.63
Lower step length	270	10.63

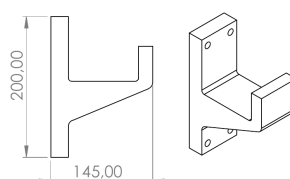
STORAGE DIMENSIONS



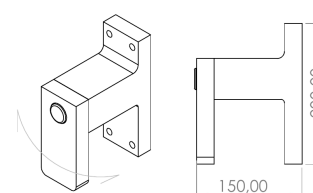
STORAGE SYSTEM



LOWER BARCKET
natural POM



TOP BARCKET
natural POM

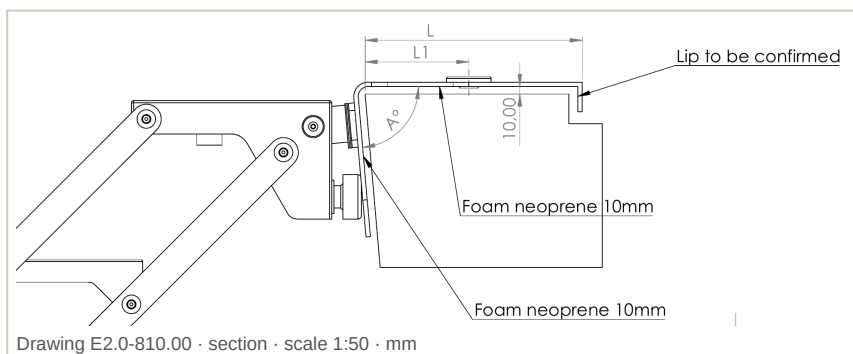


Drawing E2.0-810.02 · A3 · original scale 1:20 · dimensions on drawing in mm

Dimension	mm	inch
Stowed width = step width + 120 (420 mm steps)	540	21.26
Stowed width = step width + 120 (550 mm steps)	670	26.38
Stowed height	185	7.28

Dimension	mm	inch
Stowed length – 4 steps	1255	49.41
Stowed length – 5 steps	1545	60.83
Stowed length – 6 steps	1835	72.24
Stowed length – 7 steps	2125	83.66
Stowed length – 8 steps	2415	95.08

CONNECTION CARTER



TBC = to be confirmed: carter depth L, distance L1, angle A and lip are confirmed based on yacht gate. Screw sockets are bonded on board or used as a template for drilling deck sockets on board. Deck sockets provided on request only.