Daace
CIVIL ENGINEERING

Link Float Pontoons

Linkflote system



Ringwood / DAACE project photograph



DAACE Link Float pontoons form a larger working platform for plant and marine construction. Our stated arrangement comprises 12 units, three across and four along.

Unit reference	Figure
Number of units	12
Unit dimensions	5.272 × 2.428 × 1.230 m
Unit self weight	Approximately 4,000 kg
Distributed load	95 kN per unit, about 9.68 tonnes
Freeboard	225 mm at stated loading
Deck load limit	20 kN/m², about 2.04 t/m²

Buoyancy calculations can be provided.

Discuss your project with DAACE

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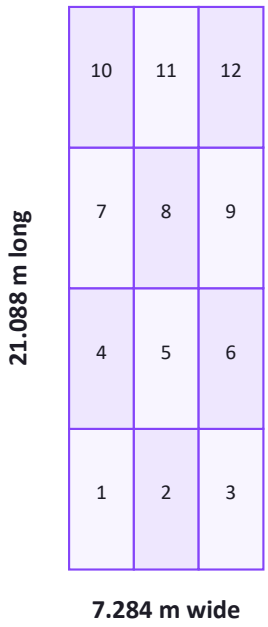
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The 12 unit arrangement

Nominal dimensions calculated from standard unit sizes. Connector gaps and ancillary equipment are excluded.

Plan view





Working deck and site arrangement

12 standard units	Reference total
Nominal deck area	153.60 m²
Bare units self weight	Approximately 48 tonnes
12 × 95 kN distributed load	1,140 kN, about 116.2 tonnes

The 116.2 tonne figure is an arithmetic sum of the published uniformly distributed unit loads. It is not an approved plant payload or excavator rating. Mats, ballast, equipment and all other imposed loads must be included in the load case.

01 Loading and operating checks

The 20 kN/m² deck figure is a structural limit. It cannot be applied over the entire platform and treated as available floating payload. Uneven loading, track reactions, slewing, outreach and piling forces can govern before the summed unit load is reached.

The excavator setup guide does not give a machine rating for three wide by four long. Load-spreading mats, controlled trim, edge clearance and configuration-specific stability calculations are required for the machine and duty.

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