

Y DECK



TECHNICAL DATA SHEET

ALUMINIUM SPAN DECK

A lightweight aluminium platform for walkways and staging. Spans from 3.7 m to 9.1 m with full guardrail, handrail and toeboard edge protection.

SWL UP TO

900
kg*



KEY FEATURES

- ✓ 8 standard lengths from 3.7 m to 9.1 m
- ✓ Aluminium alloy deck: 30 kg (3.7 m) to 79 kg (9.1 m)
- ✓ Safe working load **up to 900 kg**, uniformly distributed
- ✓ 617 mm wide platform, 168 mm deep side frames
- ✓ Use as a **walkway** (deck upright) or **staging** (deck reversed)
- ✓ Guardrail posts, Ø50.8 mm aluminium alloy handrails and 150 mm toeboards
- ✓ Join two decks with a steel fishplate: up to **6.8 m** between supports
- ✓ **Quick-release two-piece** 9.1 m deck for easier transport

8

standard deck lengths,
3.7 m to 9.1 m

900 kg

max. safe working load*
(3.7 m deck)

617 mm

overall platform width

30 kg

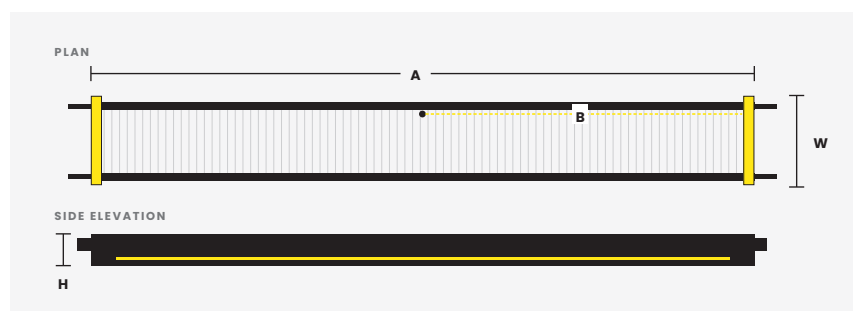
lightest deck (3.7 m),
aluminium alloy

LOAD CAPACITY AND SIZES

DECK LENGTH	A (mm)	B (mm)	WEIGHT	SAFE WORKING LOAD*	kg
3.7 m	3666	1833	30 kg		900
4.3 m	4305	2153	34 kg		770
5.0 m	4947	2473	39 kg		675
5.5 m	5482	2688	43 kg		600
6.1 m	6121	3007	47 kg		540
6.7 m	6763	3326	51 kg		490
7.3 m	7404	3649	55 kg		450
9.1 m	9114	3115	79 kg		450
9.1 m 2-pc	2 × 4557	2778	92 kg		400

*SWL = load uniformly distributed over the platform. Never exceed the SWL marked on the deck. 2-pc = quick-release jointed deck (B = fixing centres on each half).

DIMENSIONS



W 617 overall H 168 A overall length B intermediate fixing centres (mm)

TWO WAYS TO USE

- 1 Walkway**
Deck upright, with walkway posts or adjustable guardrail posts.
- 2 Staging**
Deck reversed, with staging posts or adjustable guardrail posts.
- + Longer spans**
Join two decks with a fishplate: max. 6.8 m between supports.

COMPLETE EDGE-PROTECTION SYSTEM

Guardrail posts

Adjustable (single or two rail) and fixed tee-head posts, 926–1071 mm high

Handrails

Ø50.8 mm aluminium alloy 6082 T6 tube, matched to every deck length 3.7–9.1 m

Toeboards

150 mm high; side boards 1.2 / 1.8 / 2.4 m, end boards 1.2 / 1.8 m

Fishplate

Steel, 560 × 100 × 10 mm, with nuts and bolts; joins decks end to end

Knee braces

Short (1245 mm) and long (1975 mm) for extra stiffness

Fittings

U-clamp bolts, post brackets and deck hooks

- 1** Never load beyond the marked SWL. Spread loads evenly.
- 2** Check hooks, end caps and treads before each use.
- 3** Fit guardrails and toeboards on every open edge.
- 4** Erect and dismantle only by trained, competent persons.



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