A DALE LIFTING AND HANDLING BRAND | MEZZANINE SAFETY PALLET GATES

Pallet Gate Selection Guide

Choose the right MezzBarriers gate for your load, headroom, space and loading method.

MEZZ BARRIERS

A pallet gate keeps a mezzanine loading edge guarded at all times: when the loading side is open, the platform side is closed. The right gate depends on four things. Measure them before you choose.

1 Load size

Width, depth and height of your largest load. Allow 200mm+ width clearance.

2 Headroom

Clear height above the gate, up to the lowest beam, light, duct or pipe.

3 Space

Opening width, room for side frames, and depth for the gate to operate.

4 Loading method

Forklift, crane, hoist, teagle, vacuum lifter or pallet truck.

Match the gate to your biggest constraint

If your site has...	Start with	Why
Standard UK pallets and no special limits	**Atlas**	Simple tip-over gate, 1500 or 1800mm wide
Roof steel, lighting or services close overhead	**Delta / Hi-Gate Low Headroom**	Delta takes 2000mm loads within 2350mm overall height
Pallets or loads wider than 1800mm	**Gamma**	Inside widths from 2000 to 3500mm
Several pallets at once, or loads deeper than 1500mm	**Titan**	Inside depths from 2000 to 4000mm
A narrow walkway or small mezzanine	**Omega**	Compact side frames, made to measure
Crane, hoist or teagle loading, or very tall loads	**Hi-Gate**	Open top with no limit on load height
A doorway, roller shutter, balcony or vacuum lifting	**Sigma**	Fully bespoke, never projects past the edge

The range at a glance

Gate	Type	Inside width	Inside depth	Max load height	Sizing
Atlas	Standard tip-over	1500 / 1800mm	1500mm	1650mm	Standard
Delta	Low headroom, dual pivot	1500-3500mm	1500mm	2000mm	Standard
Gamma	Extra wide	2000-3500mm	1500mm	1800mm	Standard
Titan	Extra large	1500-3500mm	2000-4000mm	1800 / 2200mm	Standard
Omega	Space saving	Up to 3000mm	Up to 2000mm	2500mm	Made to measure
Hi-Gate	Open top, scissor action	Up to 2000mm	Up to 4000mm	Unlimited	Made to measure
Sigma	Bespoke multi-purpose	Up to 3000mm	500-4000mm	2250mm	Bespoke

All gates are designed to BS EN ISO 14122-3:2016 and CE marked, with a 1100mm handrail, 100mm aluminium kick plate and bolt-together construction, so every part is replaceable. Available galvanised or safety yellow. Bespoke gates come with an approval drawing before manufacture. **Not sure? Complete the site survey overleaf and we'll recommend a gate.**

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Pallet Gate Site Survey

Fill this in on screen or print it, then send it to us with photos for a quote.

MEZZ BARRIERS

Your details

Company

Contact name

Email

Phone

Site address

Number of gates required

Where will the gate be used? Choose one

- ◯ 1. Forklift loading to a mezzanine or platform
- ◯ 2. Hoist loading to a mezzanine or platform
- ◯ 3. Loading onto a balcony through an opening or doorway
- ◯ 4. Loading through a wall opening or doorway (with or without a runway beam)

Key dimensions (mm)

A. Pallet or load width

B. Pallet or load depth

C. Pallet or load height

D. Opening width in handrail

F. Operating depth available

G. Headroom / ceiling height

E. Height to underside of runway beam

Free space each side of opening

Mezzanine floor height

Doorway or wall opening only (situations 3 and 4)

H. Height of opening

I. Width of opening

J. Wall thickness

K. Depth of ledge

Doors fitted (choose one)

◯ None ◯ Inward opening ◯ Roller shutter

Site and options

Floor construction Choose one

◯ Timber board (38mm) ◯ Concrete ◯ Steel / other (add in notes)

Finish Choose one

◯ Galvanised ◯ Safety yellow ◯ Not sure

Extras Tick all that apply

☐ Aluminium floor plate ☐ Hi-vis hazard sleeves ☐ Edge safety netting

☐ Extra handrailing ☐ Asymmetric edge gate ☐ Other (add in notes)

Sketch and notes

Notes: access, obstructions, anything unusual about the opening

ATTACH PHOTOS OR A SKETCH

Send them with this form

Save this form, then email it to info@dale-lifting.co.uk with photos of the opening or a sketch marking dimensions A to K.

JPG, PNG or PDF, up to 10MB in total

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