

MEZZBARRIERS



MADE IN THE UK



Sigma Pallet Gate

PALLET GATE SYSTEMS FOR A LIFETIME OF SAFETY



*EIGHT
INNOVATIVE
DESIGNS*



*ISO & HSE
APPROVED*



*ALL PARTS
REPLACEABLE
EASY REPAIR*



*STANDARD
SIZES OR
MADE TO
MEASURE*



*WEATHER
RESISTANT
FINISHES*



*ROBUST
CONSTRUCTION*

**BS EN ISO 14122-3:2016
Conformance**

March 2023 issue



Q05927

Models-at-a-glance

MEZZBARRIERS



All models in conformance with **BS EN ISO 14122-3:2016** - All parts are replaceable
Finish all galvanised or safety yellow thermoplastic tube coating with galvanised components

Click on model name below for more information

Models	Atlas	Delta	Gamma	Hi-Gate	Omega	Omega-Nu	Sigma	Titan	Zeta
For standard size pallets	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Custom sizes available	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Inside Width (mm)	Std 1500 or 1800	Std 1500, 2000, 2500, 3000 Custom up to 3500	Std 2000, 2500, 3000 Custom up to 3500	Custom up to 2000	Custom up to 3000	Custom up to 3000	Custom up to 3000	Custom up to 3500	Custom up to 3000
Maximum Load Height (mm)	Std 1650	Std 2000 Custom up to 2500 mm	Std 1800	Unlimited	Custom up to 2500	Custom up to 2000	Custom up to 2250	Std 1800 or 2200	Subject to headroom
Inside depth (mm)	Std 1500	Std 1500 Custom up to 2000	Std 1500	Custom up to 4000	Std 1500 Custom up to 2000	Std 1500 Custom up to 2000	Custom up to 4000	2000 to 4000	Custom up to 2000
Low headroom	No	Yes	No	No	No	No	Subject to width	No	Yes
Load by hoist	No	No	No	Yes	No	No	Yes	No	No
Special feature	Economy price	Low ceiling high loads Twin pallets	Wider loads - twin pallets	Open top Big bags Plant rooms	Confined space or walkways	Space saving frame and fold-up inner gate	Vacuum crane and doorway uses	Very large loads or multiple pallets	Low beam over platform edge

Plus custom designs for special or unusual applications for mezzanine floors, loading docks, high level platforms, walkways, wall openings, roller shutters, sliding or inward opening doors.

Benefits:

- Modular flexibility - Modular system designs adapt to on-site conditions with the flexibility to retrofit, replace impact damaged sections or can disassemble for repositioning when required.
- Flat pack delivery - Flat pack delivery of all main sections pre-assembled, Palletised delivery to site.
Full instructions - Installation, safe use and maintenance,
- No-weld assembly of components eliminates the need for hot works permits and site shutdowns to deliver a safer, quicker set-up and installation with little or no damage to finish.
- Reduced corrosion - Hot dip galvanised or additional thermoplastic tube coating assembled with galvanised tube clamps with stainless steel hex screws reduces corrosion from welding, cutting, grinding.
- All parts are replaceable - Low maintenance - extended life span.

What you need to do to find the right solution.

View the models in our handy model comparison guide (Next page) to find the correct model to meet your requirement.

Or, if you prefer, please tell us about your particular needs by completing our easy-to-use online enquiry forms, Please select the one best suited to your application. To help you make an informed choice you can download our **'HOW DO I SPECIFY THE RIGHT PALLET GATE'** pdf guide on our custom pallet gate page

Alternatively, you can call us to ask to speak to an expert on safe edge protection for your site on 0161 223 1990 or by email: mezzbarriers@dale-lifting.co.uk

The Pallet / Load Safety Gate Model Comparison Guide, provided below, shows you the particular benefits and optional extras available on all of the many models in our pallet gate or loading gate systems available.

All models are in conformance with the latest standard **BS EN ISO 14122-3 2016** and will suit all standard pallets sizes. However, for your more specific requirements, more options are available to our bespoke models in increased load width, space saving, increased depth, unlimited load height or special loading applications, please view the bespoke model with the benefits that are best suited to your needs.

However, even if you can't find the model that you want, we have lots more custom options. Contact us



Is Your Existing Fall Protection Adequate?

A swing gate, sliding (trombone) gate, removable bars or chains are dangerous to operate.

These can often be left open and are accidents waiting to happen! Even safety harnesses don't solve the problem as they only protect the wearer, if they remember to put it on!

What Does The HSE Guidance Say?

' You will need to provide a continuous barrier between people and the platform edge. Thereby, preventing anyone from falling through the opening'. And conformance with BS EN ISO 14122-3:2016

In an HSE case study. Specifically for a mezzanine opening, it was assessed that the best way to safeguard staff was to install a pallet gate system of ' pivoting safety barriers' around the load area providing ' continuous edge protection'.

Is An Safe Answer Possible for Us? Mezzbarriers can provide you with a safe and cost effective pallet gate or loading barrier system for your loading access point. Mezz Barriers pallet and loading gate systems offer a range of solutions that meet most access situations. From an economic pallet gate for occasional use to a complex doorway loading situation. There is a model that can provide you with safe and fool-proof edge protection for your workforce.

MEZZBARRIERS

10 Reasons why our pallet gates are cost effective for you!

The Mezzbarriers pallet gate system benefits to you are:

Time saving Faster work flow Reduced Labour Reduced Accidents Less damage More usable work area Safer working environment Happier workforce Money saving Proven Techniques

1. **Time Saving** – *Because its ready and safe to use when needed, simple to install and use.*
2. **Faster work flow** – *Because its been ergonomically designed for quick loading tasks*
3. **Reduced labour** – *Because it can be operated easily and efficiently by just one person.*
4. **Reduced Accidents** – *Because it protects all personnel from the danger of falling through an unprotected opening and separates people from moving loads.*
5. **Less Damage** – *Because most models do not protrude over the edge when open and therefore are less likely to be struck by the elevating load. (Except Atlas, Gamma, and Titan Models)*
6. **More usable work area** - *Because minimal space is taken up within the working envelope .*
7. **Safer working environment** – *Means less risk of accidents and expensive insurance claims*
8. **Happier Workforce** – *Because they will be delighted to use it and it will effectively reinforce a feeling of safety at work.*
9. **Money Saving** – *In addition to the cost saving benefits of 1 to 8, the gate system is economical, and long lasting galvanised or safety yellow thermoplastic tube finish with maintenance-free nylon pivot bushes and all component parts are replaceable in the event of any damage.*
10. **Proven Techniques** - ~~All products~~ **All products in conformance with BS EN ISO 14122-3:2016**
You can view lots of case studies showing the practical solutions we have provided for our happy customers. These will show you many of the unique safety gates exclusively available from Mezz Barriers. And, that are already successfully in use by companies like yours. - 100's have been sold in the UK and worldwide.

Or, if you are not sure that that any model shown is the right model for your application, why not call our Manchester UK team on - 0161 223 1990 to find out how we can help you.

Start today to reach your target of safer handling for your workforce

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All dimensions shown in this brochure are for guidance only and may be subject to change without notice

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Atlas Standard Pallet Gate

Why choose the Atlas Standard Pallet Gate?

Because it's ideal for mezzanine floors where standard pallets up to 1650 mm high are to be loaded.

Because it meets HSE and other health professionals requirements for the safe loading of palletised loads. And, if you are looking for a safe solution for a pallet gate at an economical price then this entry level model should suit you.

Suits standard Pallets – Easy to fit – Easy to operate - CE Marked

Atlas Features:

- Conformance with [BS EN ISO 14122-3:2016](#)
- Galvanised tubular steel construction as standard
- Space saving side frames
- Supplied with main sections for simple installation
- Installation and operating instructions provided
- Balanced action provides easy opening
- Nylon maintenance free pivot bushes
- Aluminium kick plate
- All parts are replaceable
- Failsafe operation
- CE marked
- Optional Safety yellow thermoplastic tube coating (As shown above).



Atlas Pallet Gate Key Dimensions (mm)						
Model	Inside/ outside width ¹	Inside/outside depth	Overall height	Optimum load height	Optimum load size ¹	Click to buy
1500 Galvanised	1500 - 1750	1500 - 1600	2150	1650	1200 x 1200	Buy online
1500 Safety Yellow	1500 - 1750	1500 - 1600	2150	1650	1200 x 1200	Buy online
1800 galvanised	1800 - 2050	1500 - 1600	2150	1650	1500 x 1200	Buy online
1800 Safety Yellow	1800 - 2050	1500 - 1600	2150	1650	1500 x 1200	Buy online

¹ We recommend that you allow at least 200 mm clearance on the inside gate width.

Installation: Requires 8 x M12 Bolts/Anchors (Not included) - Installation and operating instructions included.

Optional extras:

Aluminium checker floor plate with edge guard (Recommended for wooden floors)

Hazard warning (Yellow/black) PVC tube sleeves (Easy fit)

DELTA Low Headroom Pallet Gate

Why choose the Delta Low Headroom High Load Pallet Gate?

Because it's ideal for mezzanine floors with low headroom, takes pallets up to 2000 mm high (Custom up to 2500 mm) are to be loaded. It does not protrude over the floor edge with edge gate open.

Because it meets HSE and other health professionals requirements for the safe loading of palletised loads. And, if you are looking for a safe solution for a pallet gate at an economical price then this entry level model should suit you.

Suits High Pallets in low headroom locations

– Easy to fit – Easy to operate - CE Marked

Atlas Features:

- Conformance with BS EN ISO 14122-3:2016
- Galvanised tubular steel construction as standard or Safety yellow thermoplastic tube coating (As shown left)
- Space saving side frames
- Gravity close lock on edge gate/pull release knob
- Pull down/Push up tube handle
- Supplied complete for simple installation
- Installation and operating instructions provided
- Balanced action provides easy opening
- Nylon maintenance free pivot bushes
- Aluminium kick plate
- All parts are replaceable
- Failsafe operation
- CE marked
- Gates are shipped with main sections pre-assembled flat packed on a pallet



Made to order around 2 weeks despatch

Delta Dimensions in mm											
Model	A Inside width	B Inside depth	C Inside height	Overall width	Overall depth	Max Pallet Height	Feet centres		Overall Height	All galvanised	Safety yellow tube coating
Delta standard sizes	1500 2000 2500 3000	1500	2150	1750 2250 2750 3250	1600	2000	1690 2190 2690 3190	790	2350	Get prices	Get prices
Bespoke	Up to 3500	Up to 2000	Up to 2650	A + 290	B + 100	Up to 2500	A + 190	1/2 B + 40	Up to 2850	Request a quote	

Installation: Requires 8 x M12 Bolts/Anchors (Not included) - Installation and operating instructions included.

Optional extras:

Aluminium checker floor plate with edge guard (Recommended for wooden floors)

Hazard warning (Yellow/black) PVC tube sleeves (Easy fit)

Gamma Extra Wide Pallet Gate

Why choose the Gamma Pallet Gate?

Because it's ideal for mezzanine floors where wide pallets up to 2800 mm wide x 1800 mm high are to be loaded.

Because it meets HSE and other health professionals requirements for the safe loading of palletised loads. And, if you are looking for a safe solution for a pallet gate at an economical price then this model should suit you. Get a quote today

Suits Wider Pallets – Easy to fit – Easy to operate - CE Marked

Gamma Features:

- Conformance with BS EN ISO 14122-3:2016
- Galvanised tubular steel construction
- Three widths as standard (Bespoke sizes on request)
- Aluminium kick plate
- Supplied complete for simple installation (Supplied with main sections assembled for shipment)
- Installation and operating instructions provided
- Balanced action provides easy opening
- Nylon maintenance free pivot bushes
- All parts are replaceable
- Failsafe operation
- CE marked
- Also in Safety yellow thermoplastic tube coating (As shown above)



Made to order around 2 weeks despatch

Gamma Dimensions in mm									All galvanised	Safety yellow tube coating
Model	② A Inside width	B Inside depth	Overall height	Overall width	Overall depth	① F Max Pallet Height	Width Feet centres	Depth Feet centres		
Std2000	2000	1500	2400	2360	1700	1800	2220	800	Buy online	Buy online
Std2500	2500	1500	2400	2860	1700	1800	2720	800		
Std3000	3000	1500	2400	3360	1700	1800	3220	800		
Bespoke width	Up to 3500	1500 ③	2400	A + 360	1700	1800	A + 220	800	Request a quote	

① This dimension can be increased to 2000 by placing the load 100 mm back from edge.

② We recommend that you allow at least 200 mm load clearance on the inside gate width.

③ For greater depth see our Titan extra large model

Installation: Requires 8 x M12 Bolts/Anchors (Not included) - Installation and operating instructions included.

Optional extras:

1250 mm wide Aluminium checker floor plate with edge guard (Recommended for wooden floors)
Hazard warning (Yellow/black) PVC tube sleeves (Easy fit)

Titan Extra Large Pallet Gate

Why choose the Titan Pallet Gate?

Because it's ideal for mezzanine floors where big pallets or loads up to 3300 mm wide x 1800/2200 mm high are to be loaded.

Because it meets HSE and other health professionals requirements for the safe loading of very large or multi-palletised loads. And, if you are looking for a safe solution for a pallet gate at an economical price then this model should suit you. Get a quote today

Suits Large Pallets/loads – Easy to fit – Easy to operate - CE Marked

Titan Features:

- Conformance with BS EN ISO 14122-3:2016
- Galvanised tubular steel construction
- Aluminium kick plate
- Supplied with main sections assembled for simple installation
- Two load heights
- Installation and operating instructions provided
- Balanced action provides easy opening
- Nylon maintenance free pivot bushes
- All parts are replaceable
- Failsafe easy operation
- CE marked
- Also in Safety yellow thermoplastic tube coating (As shown above)
- Bespoke sizes on request

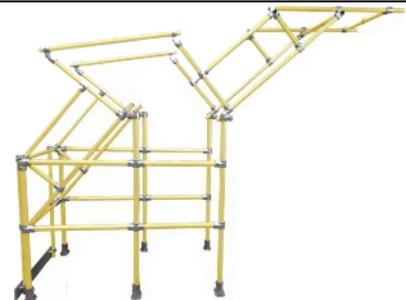


Made to order around 2 weeks despatch

Titan Dimensions in mm								
Model	A Inside width	B Inside Depth	C Overall width	D Overall depth	E Standard overall height ①	F Optimum load height ①	G Maximum load height ②	H Base feet cross centres ③
Titan Bespoke	Up to max 3500	Up to max 4000	A + 340	B + 200	F + 600	1800-2200	2000-2400	A + 220
Notes	① Two load heights. ② Pallet/load placed 200 mm back from edge (Dim B needs to be 400 mm longer than load/pallet). ③ Dimensions are approximate only. Due to differences in the tube clamps and the assembly process, the actual dimensions may vary slightly. Any critical dimensions such as hole fixing centres should be determined when the product is actually on your site. We reserve the right to change the design without notice.							

Installation: Requires M12 Bolts/Anchors (Not included)
- Installation and operating instructions included.

Optional extra
Hazard warning (Yellow/black) PVC tube sleeves (Easy fit)



Get a quote

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Hi-Gate Open Top Safety Gate

Why choose the Hi-Gate Universal Safety Gate?

Because it's ideal for mezzanine floors or high level platforms where very tall pallets or hoisted loads need to be landed. It does not extend over the edge whether open or closed.

The unique scissor action gates pivot up in front and behind the load enabling unlimited load height. Gates are interlinked so that the edge is always protected. The mechanism is fitted with an anti-slam damper for operator safety.

And, because it meets HSE and other health professionals requirements for the safe loading of palletised loads or hoist suspended loads. If you are looking for a safe solution for high pallet loading at an economical price then this superior model should suit you perfectly.



Hi-Gate Features:

- Conformance with BS EN ISO 14122-3:2016
- Unlimited load height
- Bespoke sizes on request
- Galvanised tubular steel construction
- Aluminium kick plate 100 mm high
- Supplied with main sections assembled for simple installation
- Installation and operating instructions provided
- Balanced action provides easy opening
- Anti-slam damper for operator safety
- All parts are replaceable
- Failsafe operation
- CE marked
- Also in Safety yellow thermoplastic tube coating as shown above

Hi-Gate Universal Safety Gate Key Dimensions (mm)

Model	Hand rail height	A Inside/outside width	B Inside/outside depth	Overall height open end	Optimum load height	Optimum load size ^②
Hi-Gate	1100	Up to 2000 / 2697 ^①	Up to 4000 / 210	Inside width A +1500	Unlimited	Inside width and depth -200

^① This outside width dimension includes mechanism (Can be positioned in any corner- Edge gap = A + 400)

^② We recommend that you allow at least 200 mm load clearance on the inside gate width.

Installation: Requires 10 x M12 Bolts/Anchors (Not included) - Installation and operating instructions included.

Optional extras:

1250 wide Aluminium checker floor plate with edge guard
(Recommended for wooden floors)

Hazard warning (Yellow/black) PVC tube sleeves (Easy fit)

Get a quote

Made to order around 3 weeks despatch

Sigma Universal Safety Gate

Why choose the Sigma Universal Safety Gate?

Because in addition to mezzanine use the design can be adapted for use with inward opening doors or roller shutters. It is especially useful for use with hoists on low runway beams. When the gates are fitted to deeper side frames it allows the inner gate to fold up, under runway, behind the load when landed. Because it can be made-to-measure for you. With reduced side frame depth it allows good access around pallet and can even be used for unloading by vacuum lifters.

Because it meets HSE and other health professionals requirements for the safe loading of palletised loads. And, if you are looking for a safe bespoke solution for a pallet gate at an economical price then it should suit you.

Multiple-applications – Easy to fit – Easy to operate - CE

Sigma Standard Features:

- Conformance with BS EN ISO 14122-3:2016
- Galvanised tubular steel construction
- Supplied with main sections assembled for shipment
- Installation and operating instructions provided
- Balanced action provides easy opening
- Space saving side frames
- All parts are replaceable
- Failsafe operation
- CE marked
- Special applications - Inward opening doors and shutters
- Also in safety yellow thermoplastic tube coating (As shown above)



[Get a Quote](#)

Sigma Universal Safety Gate Customised Key Dimensions (mm)					
Model	Hand rail height	Inside/outside width in gap	Depth	Overall Height	Load height
Sigma	1100	Up to 3000 ^① /+800 ^②	500 to 4000 / varies ^③	See notes ^③	Maximum 2250 under inner gate

① We recommend that you allow at least 200 mm load clearance on the inside gate width.

② Gap required for edge gate – Mechanism increases overall width to + 800 mm

③ Depth of the gate will vary according to height and depth of the load to be cleared by the fold down inner gate and the length of side frames. Overall height of edge gate varies due to width required (Max. 2400 inner gate) varies according to length of side frames. Consult us for clarification on your application.

Installation: Requires M12 Bolts/Anchors (Not included) - Installation and operating instructions included.



Omega-Nu Fold-Up Pallet Gate

Why choose the Omega-Nu Fold-Up Safety Pallet Gate?

Because the design is especially suited walkways or floors with confined space. The narrow side frames allow good access to the loaded pallet from three sides.

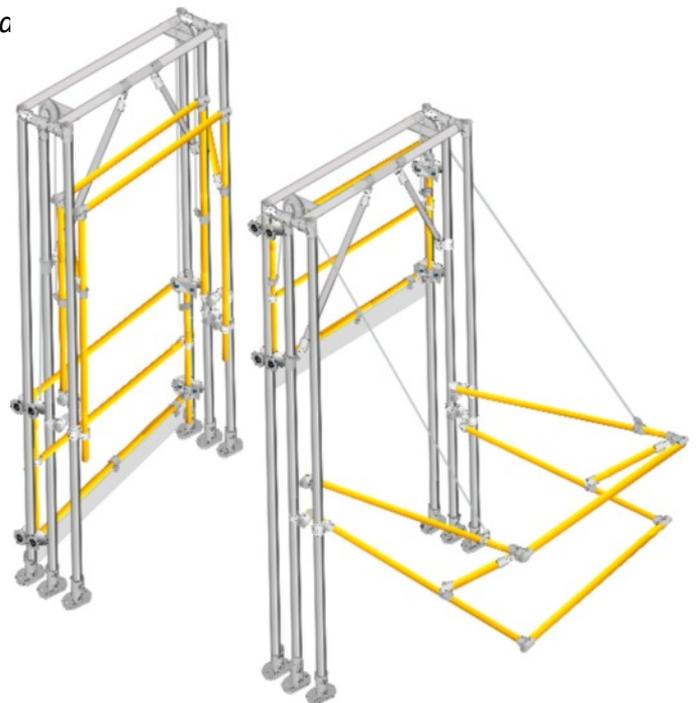
The gate does not extend over the edge when open. Useful on balconies with a doorway or where pallet are unloaded with vacuum crane.

Because it can be made-to-measure for you using a mechanical construction with all parts replaceable if damaged.

Because it meets HSE and other health professionals requirements for the safe loading of palletised loads. And, if you are looking for a safe solution for a particular suit you.

Omega-Nu Custom Features:

- Conformance with BS EN ISO 14122-3:2016
- Galvanised tubular steel construction
- Operates clear of edge
- Up to 3000 mm wide
- Up to 2000 mm deep
- Up to 2000 mm load height
- Supplied with main sections assembled for shipment
- Installation and operating instructions provided
- Easy glide rollers with seal bearing provide easy opening on edge gate and nylon pivot bushes on inner gate.
- Wire rope pulleys with rope guides
- All parts are replaceable
- CE marked



Get a quote

Omega-Nu Dimensions in mm								
Model	A Inside width	B Inside depth	C load clearance	Overall width	Overall depth	Max Pallet Height	Feet centres	Overall Height
Omega-Nu	Up to 3000	Up to 2000	Up to 2150	A +300	B +100	Up to 2000	A + 150 x 150	C + 1400

Installation: Requires 12 x M12 Bolts/Anchors (Not included) - Installation and operating instructions included.

Optional extras:

1250 mm wide Aluminium checker floor plate with edge guard (Recommended for wooden floors) Hazard warning (Yellow/black) PVC tube sleeves (Easy fit)

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Omega Space-Saving Pallet Gate

Why choose the Omega Safety Pallet Gate?

Because the design is especially suited walkways or floors with confined space. The narrow side frames allow good access to the loaded pallet from three sides. The gate does not protrude over the edge when open

Because it can be made-to-measure for you. With reduced side frame depth It allows good access around pallet.

Because it meets HSE and other health professionals requirements for the safe loading of palletised loads. And, if you are looking for a safe solution for a pallet gate at an economical price then it should suit you.

Space-saving – Easy to fit – Easy to operate - CE Marked

Omega Custom Features:

- Conformance with BS EN ISO 14122-3:2016
- Galvanised tubular steel construction
- Operates clear of edge
- Up to 3000 mm wide
- Up to 2000 mm deep
- Up to 2500 mm load height
- Supplied with main sections assembled for shipment
- Installation and operating instructions provided
- Easy glide rollers with seal bearing provide easy opening
- Wire rope pulleys with rope guides
- All parts are replaceable
- CE marked
- Also gate tubes in safety yellow thermoplastic tube coating (As shown above)



Unique
New Design

Get a quote

Omega Dimensions in mm								
Model	A Inside width	B Inside depth	C load clearance	Overall width	Overall depth	Max Pallet Height	Feet centres	Overall Height
Omega	Up to 3000	Up to 2000	Up to 2650	A +280	B +100	Up to 2500	150 x A + 140	C + 1400



Installation: Requires 12 x M12 Bolts/Anchors (Not included) - Installation and operating instructions included.

Optional extras:

1250 mm wide Aluminium checker floor plate with edge guard (Recommended for wooden floors) Hazard warning (Yellow/black) PVC tube sleeves (Easy fit)

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Zeta Low Edge Beam Pallet Gate

Why choose the Zeta Safety Pallet Gate?

It is designed to address a common problem in buildings where a mezzanine floor or work platform has been suspended from the building columns, This is usually where an overhead beam or roof truss is directly over the platform edge resulting in restricted headroom.

Standard up and over pallet gates with a central pivot point between the gates have gates of the same height which compromises the headroom of both gates causing a head hazard for the operator.

By adding extra pivot points, the Zeta model can have a low edge gate and a higher inner gate to take advantage of the increased headroom behind the edge beam making a safer standing height for the operative.

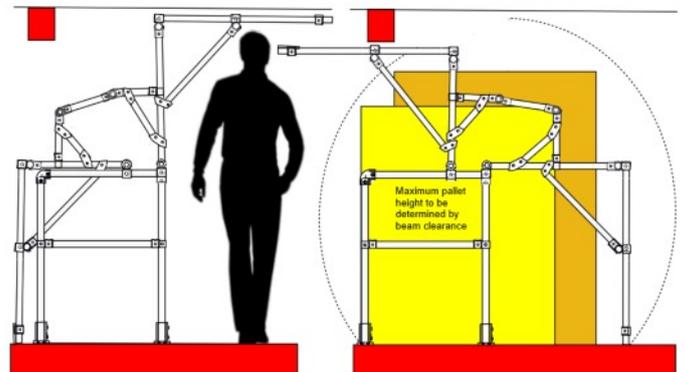
And, because it meets HSE and other health professionals requirements for the safe loading of palletised loads.

And, if you are looking for a safe solution for a pallet gate at an economical price then it should suit you.

Space-saving – Easy to fit – Easy to operate - CE Marked

Zeta Custom Features:

- Conformance with BS EN ISO 14122-3:2016
- Galvanised tubular steel construction
- Up to 3000 mm wide
- Up to 2000 mm deep
- Load height subject to overhead beam clearance
- Supplied with main sections assembled for shipment
- Installation and operating instructions provided
- Maintenance-free nylon pivot bushes
- All parts are replaceable
- CE marked
- Also in safety yellow thermoplastic tube coating (As shown below)



Get a quote

Zeta Dimensions in mm								
Model	A Inside width	B Inside depth	Load clearance*	Overall width	Overall depth	Max Pallet Height	Feet centres	Overall Height
Zeta	Up to 3000	Up to 2000	Subject to beam/ceiling	A +250	B +100	Beam height -550*	150 x A + 140	Subject to beam/ceiling

* The pallet height is restricted by the height of the overhead beam or truss and will be approximately 550 mm less than the headroom under the beam, but by placing the pallet or load 150 mm further forward of the edge, the pallet height can be increased by approximately 300 mm, e.g. beam height 1800 mm - pallet height 1250 mm or 1550 mm at 150 mm back from the edge.

Installation: Requires 8 x M12 Bolts/Anchors (Not included) - Installation and operating instructions included.

Optional extras:

1250 mm wide Aluminium checker floor plate with edge guard (Recommended for wooden floors) Hazard warning (Yellow/black) PVC tube sleeves (Easy fit)



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