

MEZZBARRIERS

ATLAS GATE INSTALLATION AND MAINTENANCE MANUAL



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1. ATLAS STANDARD GATE AND OPTIONS

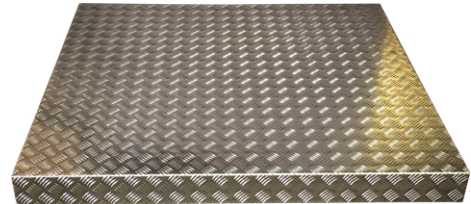


ATLAS STANDARD FEATURES:

- Conformance with BS EN ISO 14122-3: 2016
- Galvanised tubular steel construction
- Stainless steel hex screws for component connections
- Plastic pivot bushes
- Galvanised bolts and nuts with plastic locking collar
- Aluminium kick plate
- Supplied sectioned for easy installation
- Installation and operating instructions provided
- Balanced action provides easy opening
- All parts are replaceable
- Failsafe operation
- CE marked

Optional Extras:

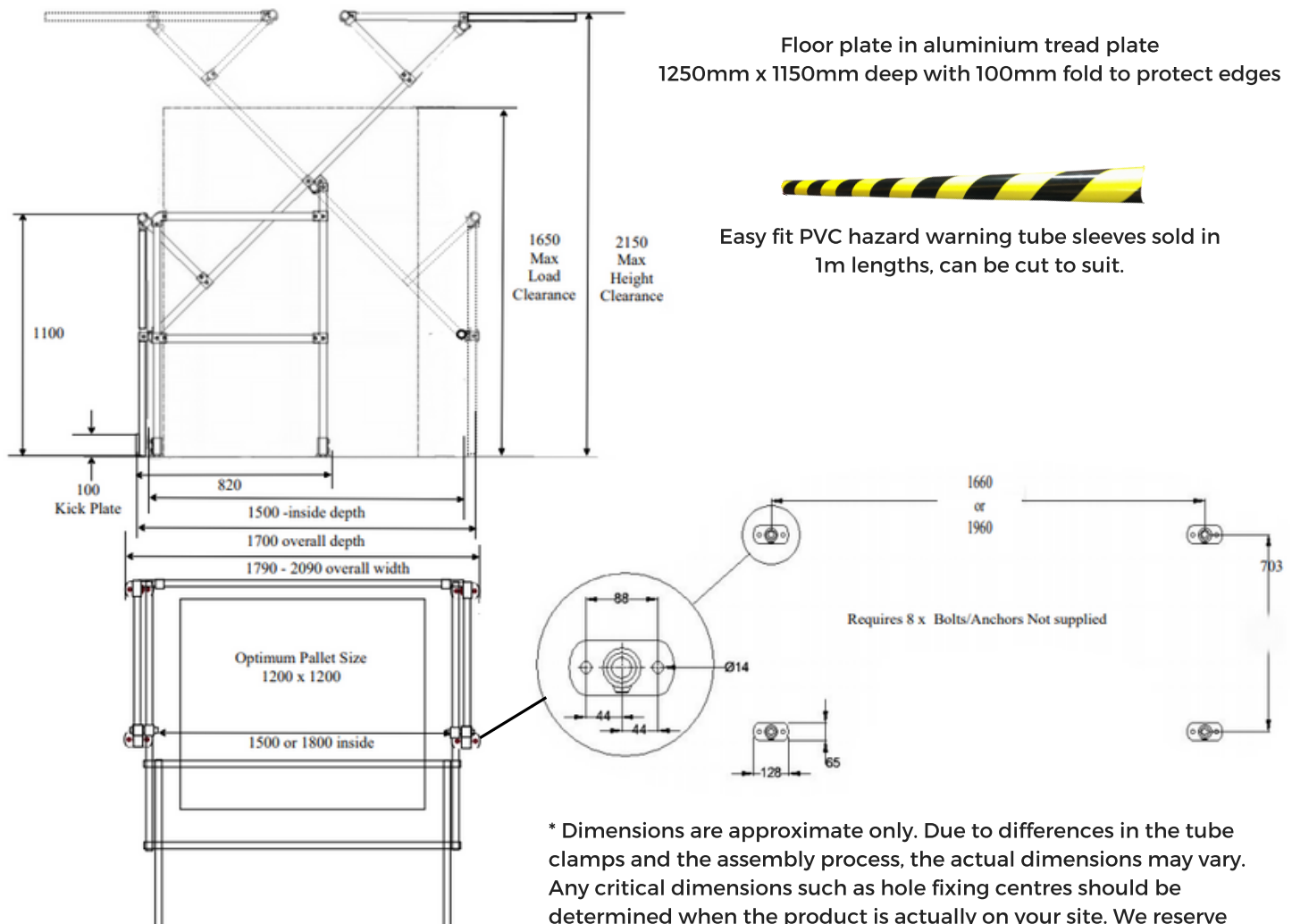
- Safety yellow thermoplastic tube coat (above)
- Floor plate in aluminium tread plate
- Easy fit PVC hazard warning tube sleeves



Floor plate in aluminium tread plate
1250mm x 1150mm deep with 100mm fold to protect edges



Easy fit PVC hazard warning tube sleeves sold in
1m lengths, can be cut to suit.



* Dimensions are approximate only. Due to differences in the tube clamps and the assembly process, the actual dimensions may vary. 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.

2. ATLAS SAFETY GATE - INSTALLATION INSTRUCTIONS

Unpacking the Product

The Atlas Safety Gate comes flat packed for ease of transport. For easy reference these have been colour coded in these instructions (see Fig.1).

Remove all the sections from the packaging and ensure everything listed below has arrived before commencing the installation.

- 2x Side Frames (Red)
- 2x Rollover Sections (Green)
- 2x Gate Sections (Blue)
- 2x M20 Pivot bolts each with 2 washers and nylock nuts

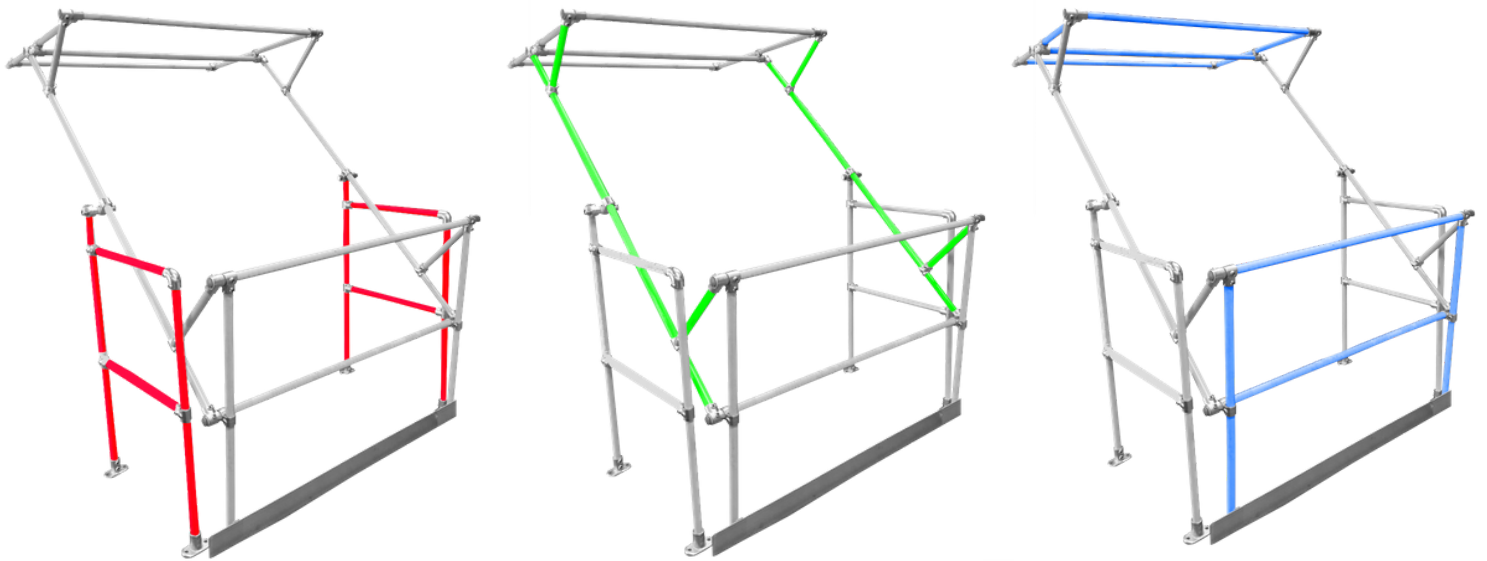


Fig. 1

The Assembly

Place all the sections close to your area of installation. Attach the Rollover sections (Green) to the inside of each side frame (Red) by inserting M20 Pivot Bolt through the mating nylon bushes (bolt head inside). Place one washer inside and one washer outside and fit the nylock nut (Not pinch tight). See Fig. 2.

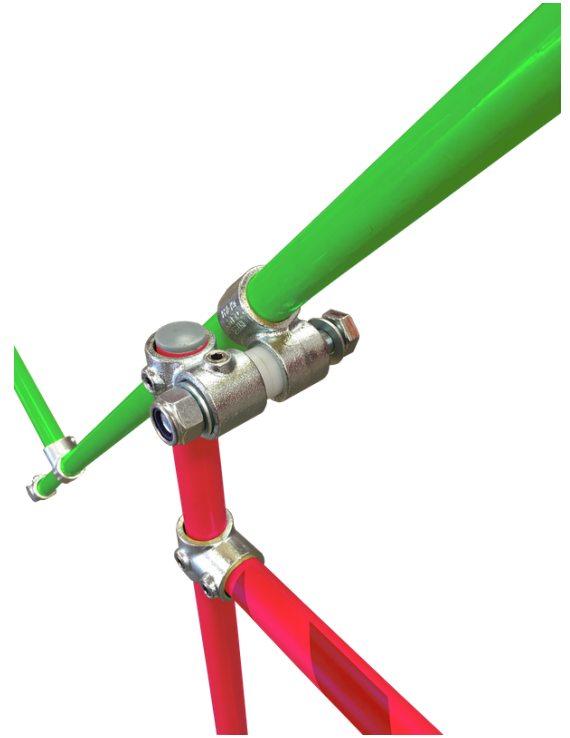


Fig. 2

Connect the gates sections (Blue) to the rollover sections (Green) as shown without tightening the allen screws. See Fig. 3

Slide the whole assembly into position for fixing. Square up the assembly and check that the feet centres match the layout on page 1. Tighten the allen screws to torque 40Nm.

If using through floor fitting bolts, check that the hole positions will not be blocked by floor support framework underneath. If necessary feet can be rotated through 90 degrees. Each foot requires 2 x M12 bolts/anchors (Not included).

Check the completed assembly operates correctly and ensure all fixings are tightened prior to allowing loading operations to be commenced.

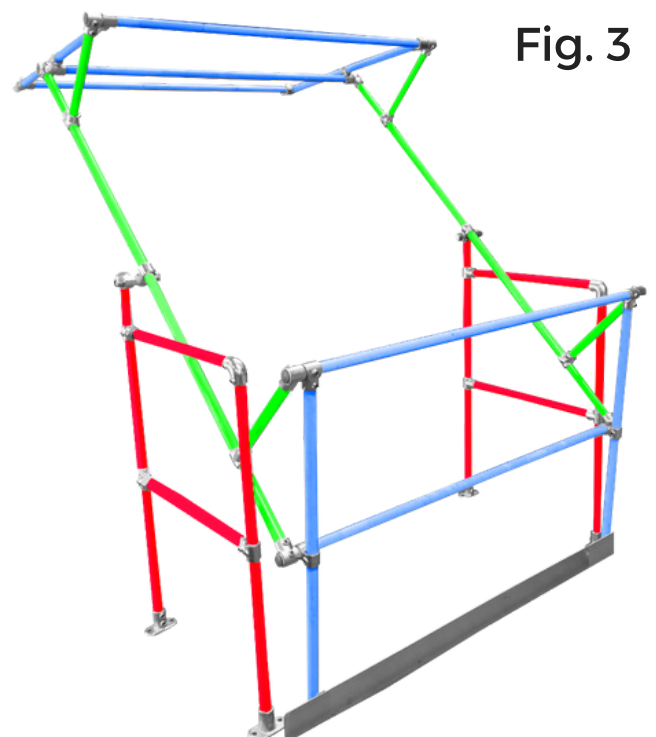


Fig. 3

3. ATLAS SAFETY GATE - SAFE USE AND MAINTENANCE INSTRUCTIONS

Please ensure anyone who operates your Atlas Gate reads and understands this section of the manual.

The gate must only be operated by authorised and trained personnel.

The primary function of the Atlas Pallet Gate system is to provide all-round edge protection to pallet truck operatives when loading or unloading pallets onto high level floor openings.

The gate has a balanced pivot up and over action which negates operator fatigue.

Operation

The operative should ensure the area around the gate is clear and that operation of the gate will not come into contact with persons and/or equipment.

To open the edge gate – Grasp centre of bottom rail of raised inner gate – Pull down and maintain hold until the gate reaches the floor.

DO NOT ALLOW THE GATE TO SLAM SHUT!

Care should be taken to ensure no persons can be struck by the gate operation. The operator should ensure that their fingers etc. will not be trapped during operation.

When ready to accept a load, the platform operator should signal the fork lift operator to commence lifting and positioning.

Once this is done the gate can be closed by lifting the inner gate. Again maintain contact with the gate until resting on the front side frames.

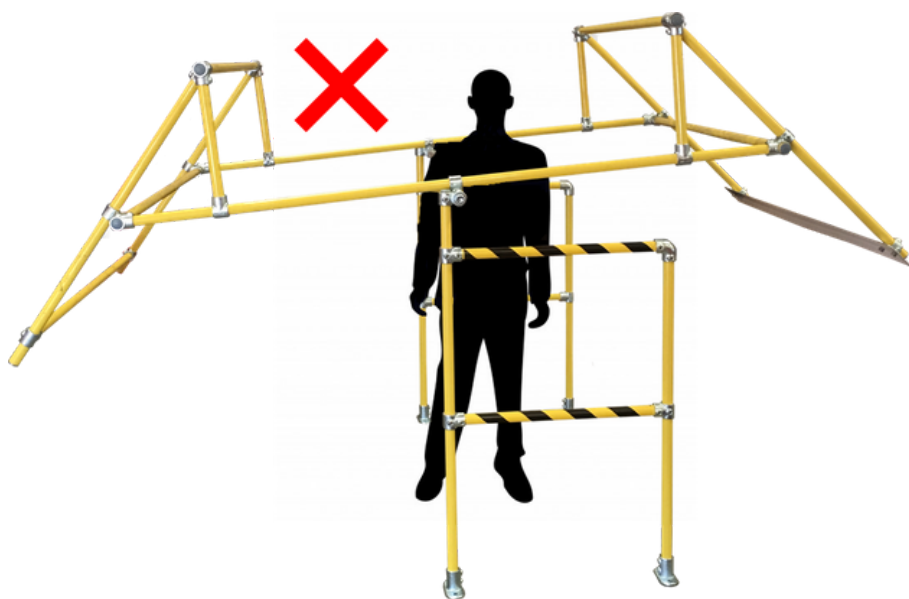
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If the pallet or load prevents the edge gate from being closed correctly. The fork lift operator must re-position the pallet or load correctly.

DO NOT ENTER GATE ENCLOSURE UNTIL THE EDGE OF THE GATE IS COMPLETELY CLOSED.

The Atlas gate must be opened or closed from outside only.

UNDER NO CIRCUMSTANCES SHOULD THE INNER GATE BE CLOSED WITH PERSONNEL INSIDE.



Maintenance

Periodically examine that the gate assembly is securely fixed to the floor. Ensure all screws and bolts are tight. Check bushes for wear (no lubrication is required).

Any impact damage should be accessed to ensure the gate will continue to operate correctly.

If this manual is adhered to then your gate should provide you with many years of service. But should any damage occur all replacement parts are readily available from us.

Should you require further clarification or advice, please do not hesitate in contacting us.

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LIFTING AND HANDLING SPECIALISTS