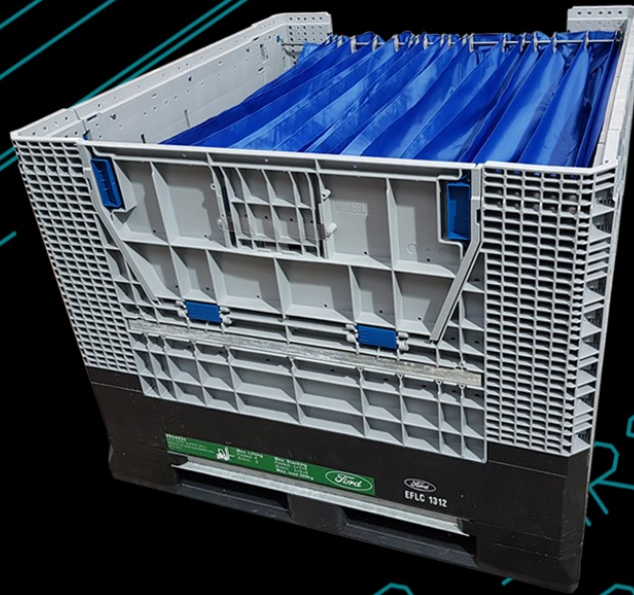
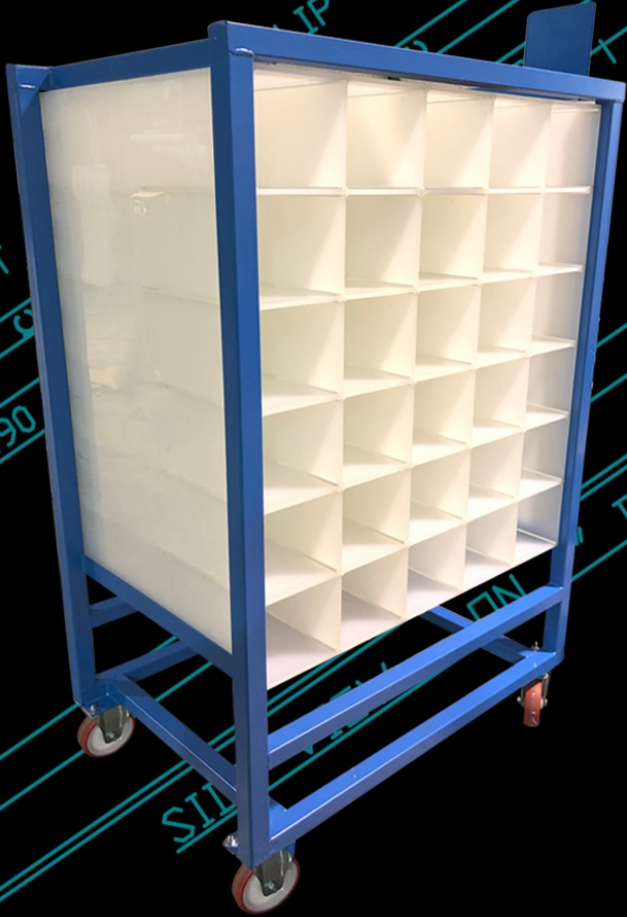


Impacta Ltd

Component Handling Specialists
Fabrication in Textiles, Steel and Plastics

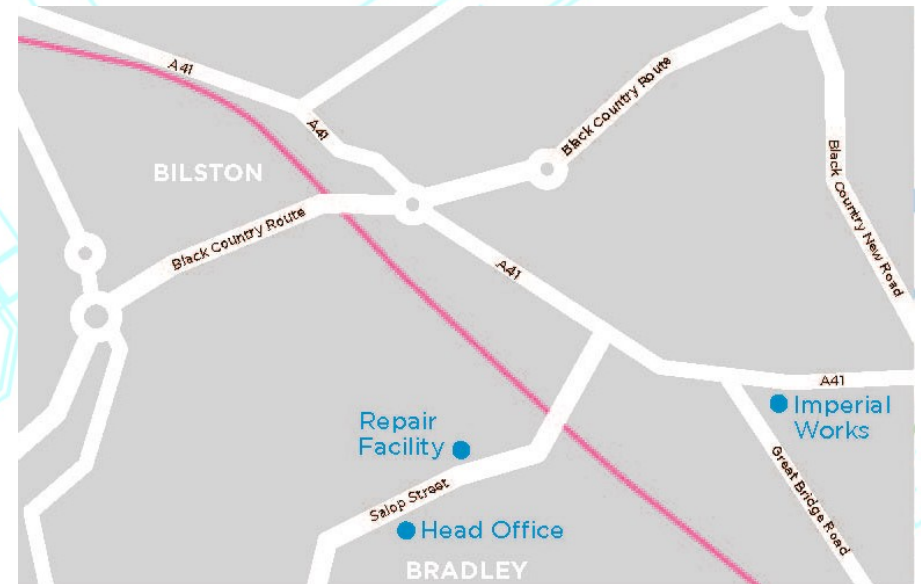


About Us

Impacta Ltd commenced trading in 1989 and has shown steady growth for the past 28 years. Currently employing over 70 members of staff over three sites. Based centrally within Bilston, West Midlands, with easy access to the M5/M6 motorway infrastructure. Impacta serves first tier suppliers to primarily the Automotive and Aerospace industries.

We have the expertise to provide total project management and advice on packaging using textiles, plastic and metal.

ISO 9001 accredited.



Site One

Head Office and Textile/Plastic Fabrication

Our Textile House factory consists of more than 40 highly skilled staff who use specialised equipment to produce bag systems using textiles. Our factory excels in cutting, sewing as well as plastic welding to provide dunnage within component containers.

All of our covers are tailor made to specific automotive parts to ensure full protection against clash damage. We use a variety of materials when constructing the bags/covers to ensure full protection.



Field Street Site

Site Two

Metal Fabrication

Our metalworks team consists of 22 highly skilled welders/fabricators who use specialist equipment to produce all our metal containers such as stillages, gondolas and hammock racks.

We also have a dedicated on site wet spray painting facility to complete the finished product to your bespoke colour. All of our cutting, shearing and welding is accomplished under one roof by our fully trained staff.



Imperial Works

Site Three

Repair and Maintenance

Impacta offers aftercare maintenance and repair service for damaged containers, bag systems, dunnages and curtains. With our complete on site facilities for textiles, plastics and metalwork, we are able to refurbish any damaged container with a quick turnaround to regain use of the damaged packaging components.

Our contract cleaning service concentrates on physical damage repairs, chemical cleaning and container appraisal. We also offer monthly contracts for the maintenance and repair of any component containers as our facility solely concentrates on the rehabilitation of damaged goods.




Hatton Street Site

Design Office


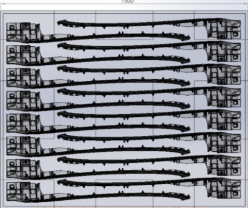
Our design office consists of three dedicated CAD operators who have experience in using a range of software to design all packaging for the automotive industry.

Our team produces rapid designs, prototypes and detailed concepts. All designs are tailored to maximise the Pack Factor for each container type with the appropriate materials recommended from our design experts. Site visits from our designers is also available upon customer's request.

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CONCEPT PACKAGING SOLUTION



Stillage	(mm)	Dunnage
Width	1500	Sliding hammock system
Depth	1200	with IMP Chamolais 'A' surface
Height	750	protection pockets

CONCEPT DETAILS

Pack Factor	16 per box
Description	KTP box with base and lid 4 off self adhesive ID labels per box.

CREATED BY:

CHECKED BY:

Impacta Ltd,
Textile House, Field Street,
Bilston, West Midlands WV14 8RW
www.impacta.co.uk

Tel: 01902 496307
Fax: 01902 493937
Email: sales@impacta.co.uk

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Clients

With experience in the manufacturing industry of component handling solutions, Impacta Ltd have been at the forefront, working with a major automotive and aerospace companies. Below is a selection of some of our main clients.



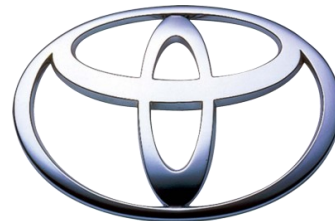
ASTON MARTIN



HONDA



RENAULT

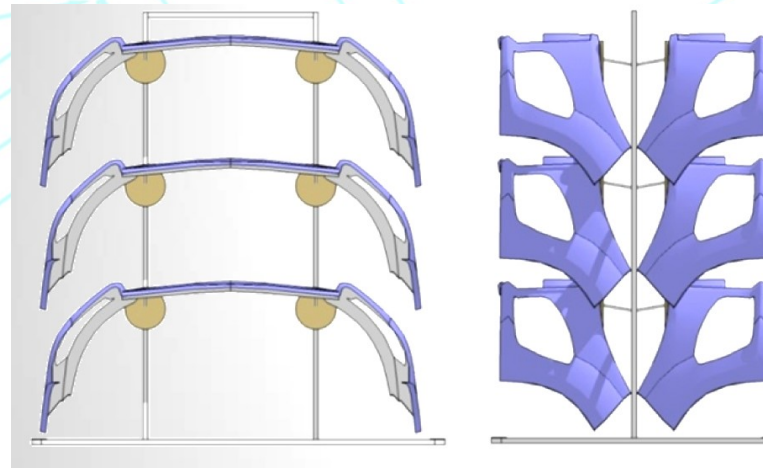


VAUXHALL

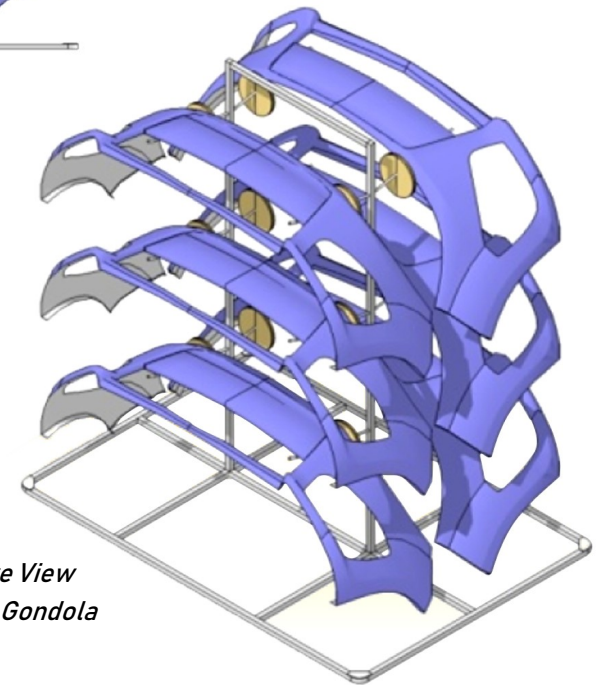
Concepts

Our design team are experts in producing detailed concepts for the packaging of parts with all customers' requests considered. Every concept illustrates the maximum pack factor that can be reached to ensure full protection of each part.

All concepts give a description of the materials used as well as the dimensions for the specific packaging. Concepts and drawings are discussed with the customer before an initial prototype is manufactured.



Elevation Views of Concept Gondola



*Perspective View
of Concept Gondola*

Stillage & Dunnage

Our main line of manufacturing consists of stillages with the “pigeon hole” dunnage (bag) systems. The design of each stillage and corresponding bag are unique to each part. The bag system is dependent upon the dimensions of the part as well as the overall surface (painted or unpainted). The bag is made from Grey PVC with padded microfibre or chamois used in risk areas. The dunnage is then protected with a Powerclad curtain for the finished product.

Textiles/Plastics Specification

- Powerclad curtains
- A5 Card Holder
- PVC bag with – Galaxy/PVC or Nylon upright
- Microfibre/Chamois in risk areas (A-surface contact)



Hammock

Our hammock design utilises the Slim Slide® system which enables each layer to collapse into each other. Each part is nested within the hammock which is lined with PVC material for the safeguard of 'A' class parts.

Specification Options for Hammock

Dimensions of Container

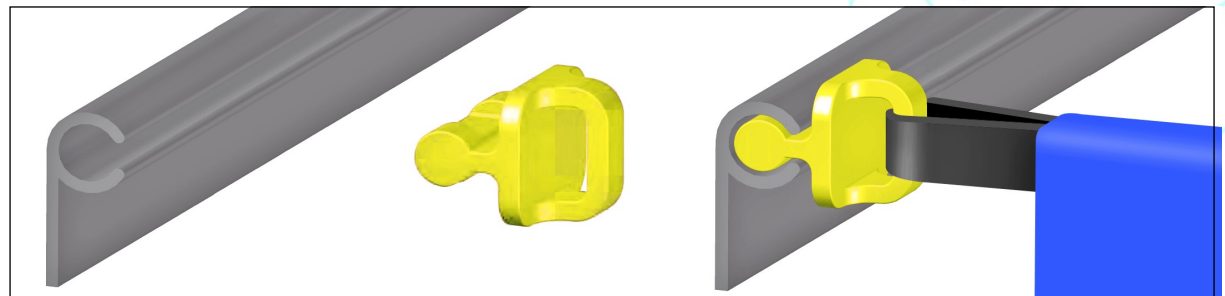
- Dependant upon part and required Pack Factor

Steel Carcass

- 50 x 50 SHS frame construction
- 2/4-Way fork entry with full
- Cap stacking
- Card holder

Textiles/Plastics Specification

- 210D Nylon with Polyurethane coating
- Woven polyester flexible end panels
- Retention runners
- Foam patch protection to risk area



FLC (Folding Large Container)

FLC containers are an efficient packing solution for large slim line parts. The collapsible container offers an alternative packaging solution to metal stillage and dunnage. This container increases pack factors and reduces storage with the useful folding down mechanism causing a reduction in transportation costs. Our textile bag with Bar & Eyelet® system can easily be removed for storage and reused when required.

Specification Options for FLC

Container

- Fixed size container
- Pack Factor is dependant upon the dimension of part
- 2/4-Way fork entry
- Labels

Textiles/Plastics Specification

- Fitted with Impacta Bar & Eyelet® system
- 210D Nylon bag insert with microfibre to risk areas
- Foam patch protection to other risk areas
- Optional dustcover



Plastic Containers

Our plastic containers come in a range of sizes to suit a particular part with the internal systems manufactured for the parts protection. These are used for the smaller parts within the recommended dunnage used to avoid clash damage. The containers are often stacked to reduce storage and improve floor space within a work area.

The internal systems could have any of the following materials:

- Nylon bag insert with microfibre to risk areas
- Soft Board insert (used for painted parts)
- Foam protection to risk areas
- Fitted dust covers to reduce the risk of damages or blemishes due to settlement of dust
- Document Clips
- Labels



Gondola

Gondolas are designed to carry parts indoors either by overhead conveyor belt or via human effort when fitted with castors. Impacta ensure that each gondola is designed to provide maximum support to each part while protecting them from blemish and deformation.

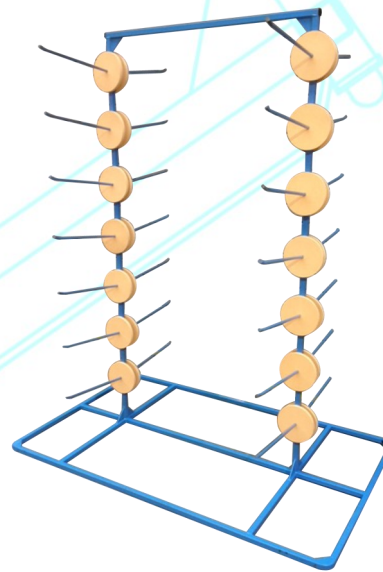
Specification Options for Gondola

Main Structure

- Variable dimensions for arms, base and frame
- Pack Factor is dependant upon part dimensions
- Optional castors for ground transport
- Optional conveyor assembly with wheels

Textiles/Plastics Specification

- Clear PVC tubing cover to each arm
- Optional PVC end caps
- Foam discs used as bumper protection
- Optional PVC curtain



HD Container

HD Containers are designed to provide for carrying parts within a metal stillage, whilst they are enclosed within a textile bag. Hooks are used to suspend each bag from the stillage, which offers easy transportation and protection for delicate parts.

Specification Options for HD Container

Dimensions of Container

- Dependant upon part and required Pack Factor

Steel Carcass

- 50 x 50 SHS frame construction
- 2/4-Way fork entry with full skids
- Cap stacking
- Card holder

Textiles/Plastics Specification

- 201D Nylon/ Galaxy bag with flexible end panels
- Bag suspended from hooks with tubular bump stops both ends
- Other materials used which are suitable for A-surface contact



Textile Design Service

Impacta produce a variety of bags/covers which are all tailored to meet the requirements of each part. The use of protective material ensures that clash damage to the part is reduced.

Bumper cover bags are often used for further protection before the bumpers are placed within a metal stillage. The use of a padded bag allows the painted part to be fully protected.

Textiles Production

Impacta use a range of materials when constructing covers/bags. Below is a list of textiles most widely used:

- 210D Nylon
- 210D Nylon with Polyurethane coating (waterproof)
- 420D Nylon
- Spunbonded
- Galaxy
- Soft Touch
- Brush Nylon
- Velcro or Zipped enclosure (if applicable)
- 201D Nylon/ Galaxy bag with flexible end panels



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