



IMPACT 500

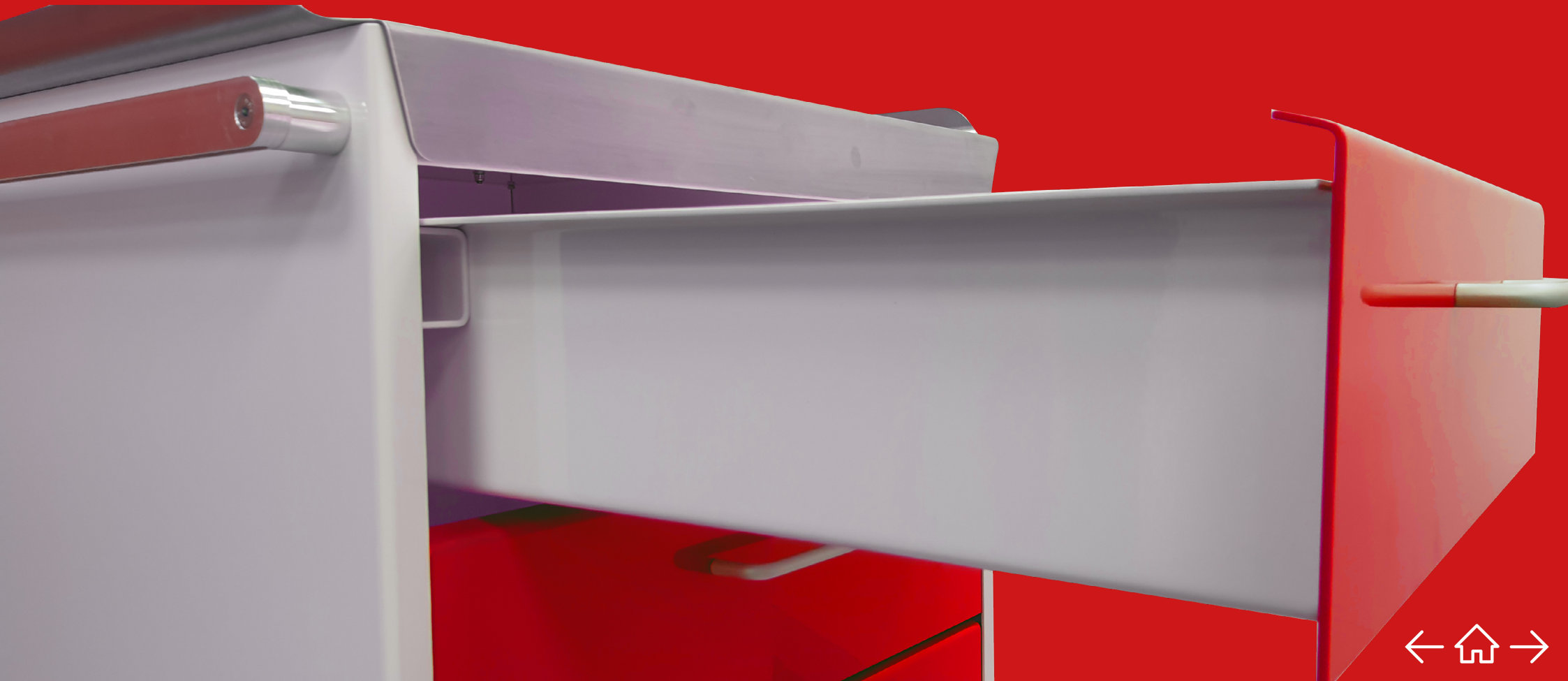
The Illustrious Multi-Purpose
Clinical Trolley (IMPACT) Range

INTRODUCTION

The Illustrious Multi-Purpose Clinical Trolley (IMPACT) range represents the inaugural products designed for sale within the healthcare market by Illustrious Healthcare Solutions (IHS). It is an evolution of the products that

currently dominate the healthcare market, redesigned to maximise cost-effectiveness, quality, and ease of use. Great thought has been taken to ensure this introductory unit range meets the requirements

of the healthcare environment, including recognising the heightened complexities of infection control in a COVID-19 world.



AIM

Our aim for the IMPaCT range was to develop products with the following characteristics:

A general-purpose product range with modular design suitable for the majority of healthcare areas.

Design characteristics that minimise contamination of contents, reducing waste due to discarded consumables as well as dust build up. Easy for healthcare professionals to clean. Has a level of quality indicative of a long product life.

A > 90% recyclable product to meet green cost pressures and sustainability initiatives.





“Superb quality and excellent user-friendly design.”

Clinical staff, Southampton University Hospital

DESIGN CHARACTERISTICS

We have focused on sheet metal. This includes a bare Clinical/Marine grade stainless-steel top surface, with aluminium main body and drawers. Using these materials adds the benefit of making the IMPaCT range recyclable (approx. 95%) and a more cost-effective option over the product's life cycle.

The top surface can be a clinical procedure top or worktop (powder coated or bare stainless steel).

The sheet metal provides the unit's rigidity and strength, but also creates a distinctive look with the smooth closed outer panel design, minimising contamination of the enclosed contents and reducing areas for dust build up. Great care was taken to remove as many areas as possible for dirt to collect, making the unit easy to clean.

The unit is finished in an antimicrobial powder coat which bonds to the

aluminium better than paint, whilst also providing a more resilient and long-lasting finish. Our standard colour for the main body is white but other colours are available on request

Each drawer is easily removable by simply removing the retaining screw on each side and sliding it out. This design better protects the internal drawer runners from damage.



Our design also removes exposed conventional drawer runners often seen on competitor units, as they are often difficult to clean once contaminated.

These drawer units are manufactured from aluminium and will not suffer from the same breakages as plastic products, vastly reducing the potential for increased consumer cost linked to replacement parts.

The main drawer units are also finished with a white powder coat material. However, front panels can be almost any colour. Our default colour is green, but other colours are available for colour coding the units for different bed spaces, clinical purposes, or departments.

Drawer units can include a removable wipe-clean drawer liner with dividers. Alternatively, a bespoke closed cell foam mould intended to fit any high-

cost or delicate healthcare apparatus can also be made at extra cost through one of our partner organisations.

The specific drawer design and lip are to protect high-cost unit contents (consumables/equipment) and reduce the potential for fluid contamination or dust and dirt build up.



The unit can be supplied with a splash skirt that runs along the sides and either front or back. The purpose of this evolution is to protect the castors

and underside from droplets and spillages. It also protects the castors from impact and damage. Access to the lockable castors is from the front or rear, depending upon the product. These provide normal functionality of a conventional brake mechanism.

There is a rear push handle, which protects the main unit body from impact, whilst also aiding users to mobilise the product.

The accessory side rails on both sides of the unit have a curved edge front and back to protect the user from sharp edges, whilst again providing additional protection to the unit. The accessory side rail has been developed to be compatible with products supplied by other manufacturers. However, the outer sheet design and rail placement ensures that reusable sharps bins should now sit in a vertical position as intended, and not slanted to one side.

PRODUCT VARIATIONS

There are several variations in the IMPaCT range of products. These focus on the number/depth of drawer units and cabinet arrangements to meet customer requirements.

The other main difference across variants is width. The width is indicated by the designated number in the product description.

The models shown in this brochure are primarily focused on the IMPaCT 500 range with approximate dimensions:

Height: 1000mm

Width: 500mm

Depth: 500mm

Further products in the range include

IMPACT 500 additional variants

IMPACT 750 variants

IMPACT 1000 variants (Available Soon)

IMPACT Workstations (Available Soon)



“Easy to mobilise around. Easy to clean. Great protection for internal products.”

Clinical staff, Southampton University Hospital



COST EFFECTIVENESS

The unit has been designed with a long life in mind. It is expected the unit will provide full functionality without the need for replacement parts based on normal wear and tear for its intended life cycle of 10 years (excluding castors). The rigidity of the runner system and drawer units should negate additional future expense linked to the purchase of additional drawer units due to breakage. This represents a one-off cost for each unit with a product warranty benchmarked against industry norms.

The design, materials and finish of the IMPaCT range provides greater longevity of product when benchmarked against competitor units where plastic moulds are common.

The materials used in the manufacture of the IMPaCT range

are approximately 95% recyclable. This represents added value across both cost effectiveness and green/sustainability criteria, ensuring that organisations purchasing this product can have increased peace of mind. Paying to dispose of waste is costly, but the materials we have used are still valuable at the end of the unit's lifecycle and could be sold, making the units more cost effective across their life.

The design characteristics prioritise the user's ability to clean the unit. By reducing the amount of time required to clean the unit, healthcare providers minimise lost time spent on housekeeping. This allows clinical staff members more time to focus on their clinical responsibilities and patient focused roles.

ENVIRONMENTAL RESPONSIBILITY

Our design vastly reduces the plastics used in the development of the IMPaCT range when compared to conventional units of this type.

The units are approximately 95% recyclable due to the materials used for their construction.

The product's strength and resilience to cleaning products and reduced reliance on plastics in the manufacturing process provides a more environmentally sustainable option.

GUIDANCE & RECOMMENDATION

Deep clean should be performed if the unit is heavily contaminated, or hard to clean areas have been contaminated.

Deep clean should be performed at least once per month, in between contact with high-risk patients or environments, or when indicated by relevant organisations' infection control policy.

Top surface/handles/side casing should all be cleaned daily and in between use.

Avoid using any cleaning products that will degrade the product. If there are any questions, please contact IHS for clarity. Recommended daily decontaminant is Paqualyte.

Visual inspection should be performed at least once per month.

PRODUCT WARRANTY

A standard warranty applies to products from the IMPaCT range. For full details please visit our website.

www.ihealths.co.uk

STANDARDS

A standard warranty applies to products, Illustrious Healthcare Solutions is a new name in the healthcare market, but we bring with us over 90 years of engineering experience from the Aviation sector. We have the capability to design, develop, test, certify, manufacture, and supply high quality products from our state-of-the-art 7-acre facility on the South Coast of England.

Illustrious Healthcare Solutions are approved to **ISO 9001:2015**.





To find out more:

Visit www.ihealths.co.uk

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