



## Storage and Handling Equipment Ltd

Innovative retail equipment, storage and handling solutions for global retailers, supermarkets, convenience stores and businesses.



Product Information

# Sassy Shopper

# Introducing The Sassy Shopper...

Give your store a new identity with the Sassy Shopper range of trolleys, an innovative and environmentally-friendly solution for all retailers. This new range has been designed for its lightness of steering, space-saving capabilities and longer life. The smaller models of the Sassy Shopper range can fit down narrow aisles, and the whole range is designed to improve the retail experience. Durable, tighter nesting and made to reduce wear and tear, our design can be manufactured at any of our carefully selected producers or, under contract with us, at the factory of your choice.

## x2 Nesting Distances



During Transportation



Instore



## Design

1170

Our new range has been designed to standardise and optimise shopping trolley component parts. All designed in compliance with BS EN 1929-1, -2, -3, -4, -7, the Sassy Shopper range reduces retailer costs for sourcing, storage, distribution and maintenance. The design supports both manufacturing and transportation efficiencies.



## Key Features

### Nesting

With a nesting increment close to the diameter of the wheel in transportation, it is possible to almost double the quantity of trolleys in a container. This supports global cost efficient manufacturing and transportation over great distances. The nesting distance reverts to max 187mm once de-nested for use instore, therefore reducing required trolley storage area and the number of trolley shelters needed. The models are also safe and easy to move with no 'castor clash'.

### Non Touching

X-frame chassis designed to have no metal to metal contact as opposed to standard trolleys currently in the marketplace. The Sassy offers no point of contact during nesting and de-nesting, therefore the surface finish benefits from increased longevity as abrasion caused by such contact does not occur. As such trolleys can be supplied with a colour coated chassis appropriate to your corporate identity without the risk of early rusting.

### Strong Design

The improved geometric grid design of the trolley basket protects against deformation under load. A tapered wire arrangement also helps to create a stronger overall design. In addition, our shock & noise absorbing adjustable bumpers not only adjust the nesting increment but protect the shopping cart from nesting and de-nesting related damage.

### Lighter Feel

An improved chassis design with castors placed closer to the force coupled with a lower point of gravity gives the trolley a lighter feel with much improved manoeuvrability particularly when loaded. Steering is further improved and made easier through the placement of handles behind the rear castors which also enhances performance and safety when used on a travelator.



# Green Credentials



Our new and unique closer nesting design allows us to reduce space required for transportation by one third compared to instore nesting. Compared to most standard trolleys currently in the marketplace, we save nearly half the space. By halving the amount of vehicles required to transport your trolley fleet either in containers from factory to distribution centre or from distribution centre to store you benefit from reduced costs and environmental impact.

At a time of heightened environmental consciousness amongst customers and businesses, choosing a Sassy Shopper fleet will instantly bolster your organisation's sustainable aims.



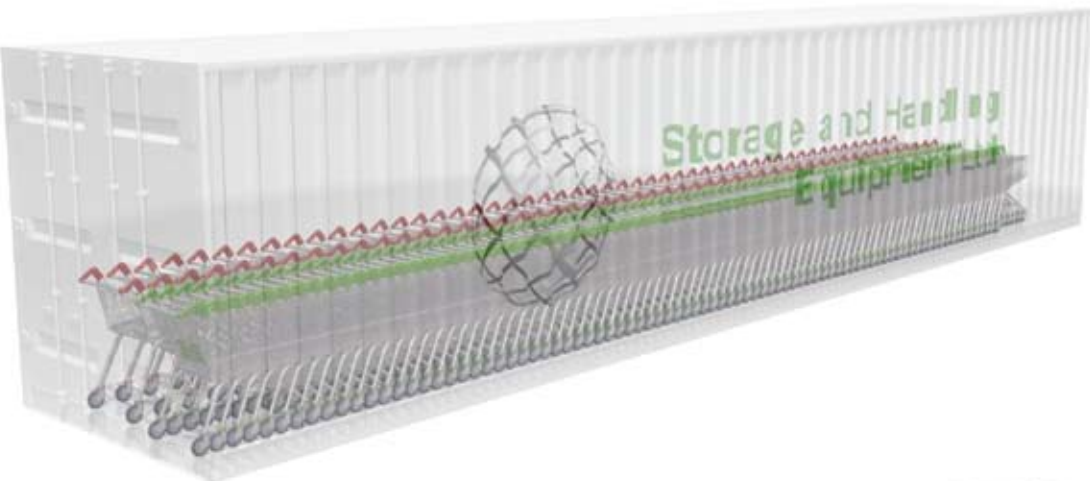
**“The Sassy Shopper’s no metal to metal contact, enhances and prolongs life by preventing wear & tear through quality design”**

# Independently Tested

Test carried out independently by BRE (Building Research Establishment) indicate that our Sassy Trolley range have exceeded European Standards when tested. Stringent salt wash testing procedures which simulated over 10 years worth of exterior exposure resulted in negligible deterioration of the unit’s exterior finish.

Avoiding metal to metal contact with our X-frame chassis, we effectively provide lifelong protection of this high standard against nesting-related abrasion, which is the No.1 cause of trolleys getting worn down for replacement or refurbishment.

In addition to the chassis and basket testing we have had our restraint systems tested by Bureau Veritas which again, results show that we have passed all European Standards.



Instore the standardised nesting increments of all Sassy Shoppers save on average 25% of floor space compared to similar market-leading models which have no such standard.



# Sassy Shopper



| Model                | 66S (Produs) | 101S (Produs) | 131S DDH    | 151S DDH    | 181S DDH    | 212B        | 232B        |
|----------------------|--------------|---------------|-------------|-------------|-------------|-------------|-------------|
| Article Code         | 010 040 013  | 010 010 000   | 010 080 003 | 010 080 019 | 010 080 006 | 010 333 026 | 010 333 028 |
| Length               | 728          | 853           | 991         | 1017        | 1017        | 1165        | 1182        |
| Width                | 380          | 463           | 525         | 525         | 583         | 583         | 583         |
| Height               | 971          | 970           | 1031        | 1098        | 1097        | 1096        | 1138        |
| Basket volume (L)    | 66           | 101           | 131         | 151         | 181         | 212         | 232         |
| Castor diameter (mm) | 75           | 100           | 125         | 125         | 125         | 125         | 125         |
| Weight (kg)          | 11.0         | 15.2          | 19.0        | 19.5        | 20.6        | 22.5        | 22.9        |

| Container loading                |       |       |       |       |       |       |       |
|----------------------------------|-------|-------|-------|-------|-------|-------|-------|
| Short nesting increment (mm)     | 80    | 105   | 129   | 129   | 129   | 129   | 129   |
| Rows per container (2 levels)    | 12    | 10    | 8     | 8     | 8     | 8     | 8     |
| Pieces per row in 40ft container | 141   | 107   | 86    | 86    | 86    | 85    | 84    |
| Pieces per 40ft container        | 1692  | 1070  | 688   | 688   | 688   | 680   | 674   |
| Length of row in container       | 11928 | 11983 | 11956 | 11982 | 11982 | 12001 | 11889 |

| Store planning                                  |      |       |       |       |       |       |       |
|-------------------------------------------------|------|-------|-------|-------|-------|-------|-------|
| Long nesting increment (mm)                     | 85   | 150   | 187   | 187   | 187   | 187   | 187   |
| Length of row of 10 trolleys (mm)               | 1493 | 2203  | 2674  | 2700  | 2700  | 2848  | 2865  |
| m <sup>2</sup> covered by a row of 10 trolleys  | 0.6  | 1.0   | 1.4   | 1.4   | 1.6   | 1.7   | 1.7   |
| Length of row of 50 trolleys (mm)               | 4893 | 8203  | 10154 | 10180 | 10180 | 10328 | 10345 |
| m <sup>2</sup> covered by a row of 50 trolleys  | 1.9  | 3.8   | 5.3   | 5.3   | 5.9   | 6.0   | 6.0   |
| Length of row of 100 trolleys (mm)              | 9143 | 15703 | 19504 | 19530 | 19530 | 19678 | 19695 |
| m <sup>2</sup> covered by a row of 100 trolleys | 3.5  | 7.3   | 10.2  | 10.3  | 11.4  | 11.5  | 11.5  |
| Use on travelator                               | No   | Yes   | Yes   | Yes   | Yes   | Yes   | Yes   |

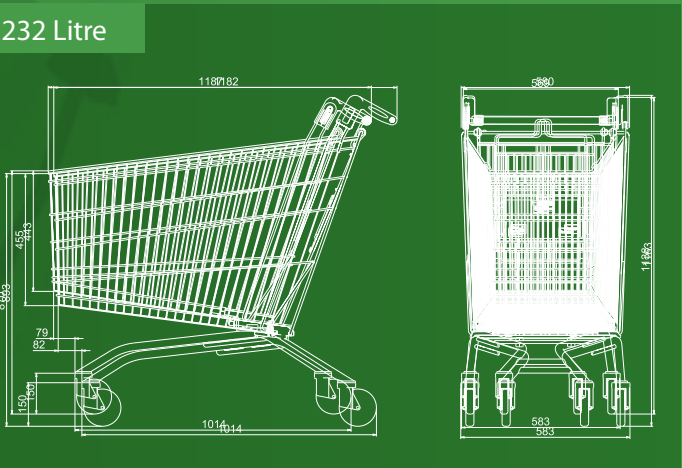
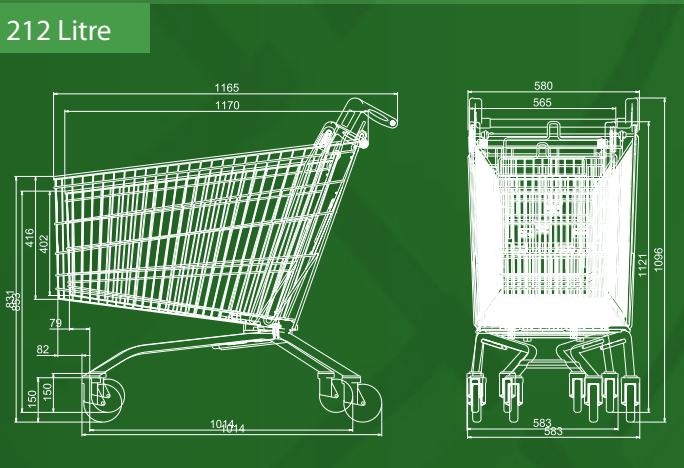
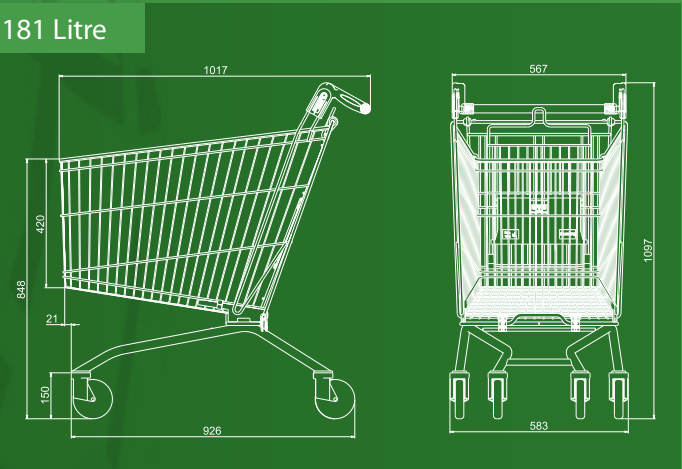
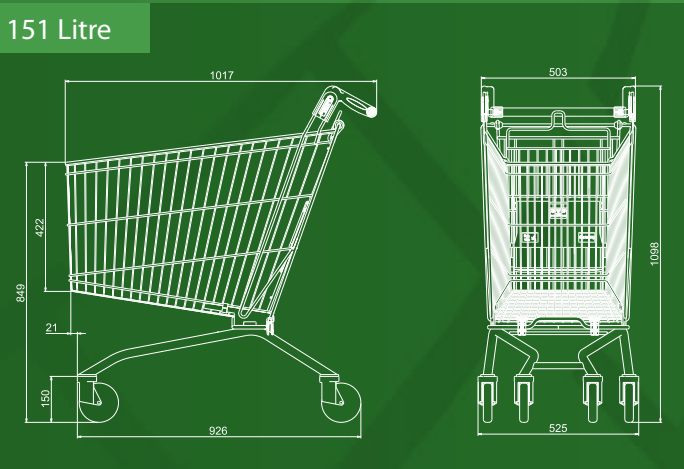
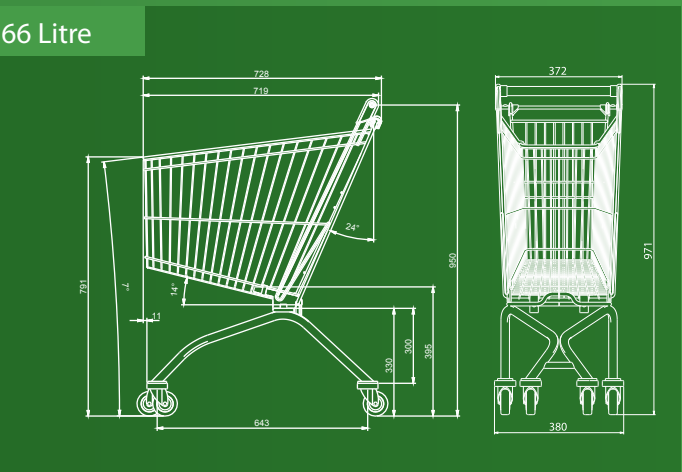
| Trolley efficiency key figures                                           |      |      |      |      |      |      |      |
|--------------------------------------------------------------------------|------|------|------|------|------|------|------|
| Basket volume (L) / Weight (kg)                                          | 6.0  | 6.6  | 6.9  | 7.7  | 8.8  | 9.4  | 10.1 |
| Basket volume (L) / m <sup>2</sup> floor space (in a row of 50 trolleys) | 1775 | 1330 | 1229 | 1413 | 1525 | 1760 | 1914 |
| Pieces trolleys / m <sup>2</sup> floor space (in a row of 50 trolleys)   | 26.9 | 13.2 | 9.4  | 9.4  | 8.4  | 8.3  | 8.3  |

A choice of coloured plastic finishes are available on all models.



# Technical Dimensions

All measurements are shown in mm.  
Manufacturing tolerances and technical changes with no influence on function permissive. If you require any further technical information then please contact us.



International Patent Applications  
PCT/DE2011/000193 Designated states: AU, BR, CA, CL, CN, CO, EU (European Application), ID, IL, IN, KR, MX, MY, RU (Eurasian Application), SG, TH, UA, US, ZA  
PCT/DE2011/001717 Designated states: BR, CN, EU (European Application), ID, IL, IN, JP, KR, MY, MX, RU (Eurasian Application), SG, US  
PCT/DE2012/000238 Designated states: BR, CN, EU (European Application), ID, IN, KR, MY, TH, RU (Eurasian Application), SG, US  
European Patent Application EP13000136.5-1760



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