



The one-stop supplier



The advantages of EXPRESSO's baggage carts



The multi-purpose **push handle** of hand friendly EXLAN releases the brake by moving up or down. The handle integrates instructions for safe handling and functions as a housing for EXPRESSO's transponder based RFID systems.

The **large advertising panel** made of impact resistant plastic (without printing)

The **mud guards** prevent baggage from being soiled.

The **front bumper** prevents bodily injury and damage to objects.

The **castor guided front wheel** is equipped with an oversized precision ball bearing 6307z, DIN 625. It cushions abrupt impacts, makes steering easier, and allows for narrow turns without the danger of tipping over.

The **basket's handle** aids in the steering of the cart.

The **automatic parking brake** offers high safety and easy service.

The **large electropolished stainless steel wire basket** for small baggage items

The **low-inclined loading surface** of 18° offers an easier loading, unloading and security of goods placed on the cart especially when traveling on decents or slopes as well as when driving over steps or kerbs.

Multiple material choice:

Special aluminium alloy F35

(robust, corrosion-resistant, and low weight)

Stainless steel V2A (1.4301), electropolished

(robust, corrosion-resistant)

Hot galvanized steel

(robust, corrosion-protected)



A lattice frame design which ensures utmost shock resistance and highest stability.



The **rubber tyre** consists of a hard core inside and a softer light-grey tread which prevents marking floors.

The **inner wheel** is made of shock-proof, unbreakable plastic-EXLAN with two precision ball bearings that are dust and water-proof and permanently lubricated.



The **braking mechanism**, form fitted to the wheels, achieves approximately 30 % more braking power as opposed to common braking systems.



Compact Mark V

The Compact Mark V is the new star of the Compact range with MSC (Multi Strut Construction) that has enjoyed worldwide success for decades. Its lattice frame design ensures utmost shock resistance and highest stability.

The Compact Mark V is a combination of highly modern design and extreme manoeuvrability, especially in nested trains. Thanks to EXPRESSO's lifting mechanism for the rear wheels, which has proved its reliability for more than 30 years, entire nested trains can be moved sideways easily or rotated on the spot without auxiliary means. Moreover, EXPRESSO's revolutionary "Long Life" brake housing provides maximum safety for the user, as it has no openings that could cause injuries. Extremely long service life and robustness, plus brake adjustment within seconds (no disassembly required) underline the high cost effectiveness of the new Compact generation.



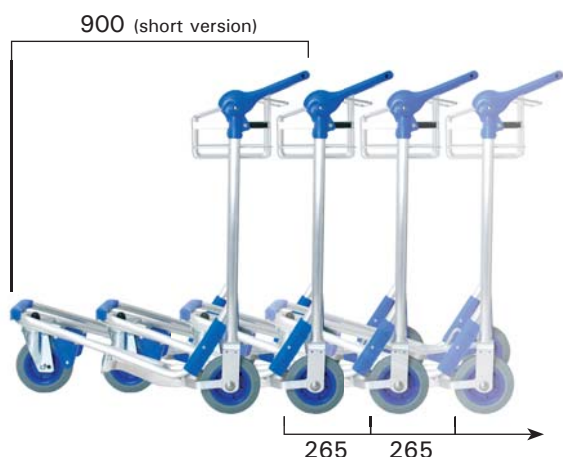
Technical data

Large advertising panel mm	500 x 383/358*
Load capacity kg	300
Empty weight kg:	
Type 8 927 571 (aluminium)	15,5
Type 8 937 571 (stainless steel, electropolished)	21,0
Type 8 963 571 (hot galvanized steel)	22,5

*rear side 500 x 383, front side 500 x 358 mm



EXPRESSO's revolutionary "Long Life" brake housing



All dimensions in mm.



Turning, pushing into tight spaces, loading/unloading from trailers, the raised rear castors make all of these operations particularly easy.



Compact Mark VI

The Compact Mark VI offers all of the handling and quality advantages of the Mark V, but has a different and striking appearance. With its extended uprights and slight down angle of its push handle, the Compact Mark VI ensures particularly convenient use and safety on moving walkways. And of course, this version comes with EXPRESSO's new "Long Life" brake housing for guaranteed safety and minimum maintenance costs.

Technical data



Large advertising panel mm	500 x 383/358*
Load capacity kg	300
Empty weight kg:	
Type 8 973 671 (aluminium)	16,0
Type 8 968 671 (stainless steel, electropolished)	21,5
Type 8 965 671 (hot galvanized steel)	23,0

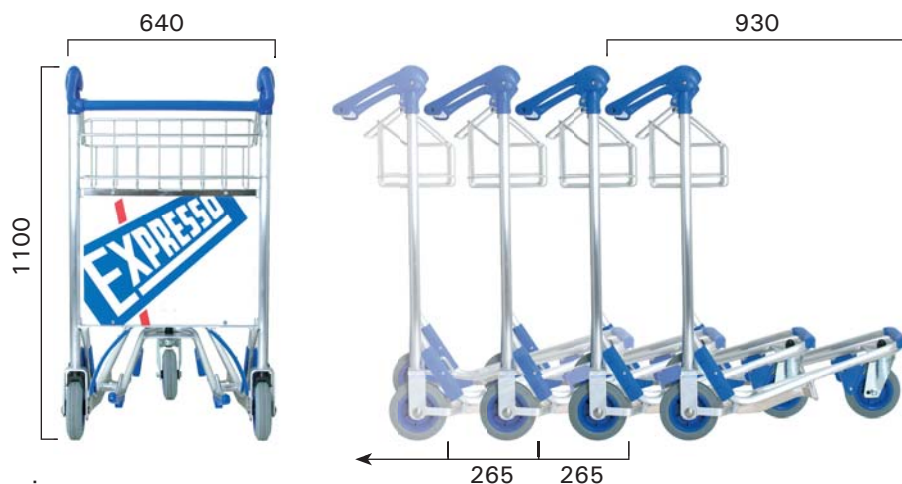
* rear side 500 x 383, front side 500 x 358 mm



The new "Long Life" brake housing and angled push handle make the cart ideal for use on walkalators.



Turning, pushing into tight spaces, loading/unloading from trailers, the raised rear castors make all of these operations particularly easy.



All dimensions in mm.



LightLiner

The LightLiner is the “cruiser” in the baggage cart world. Covering long distances during cart retrieval is its speciality. EXPRESSO’s ingenious “Winglet” brake release system ensures that all the wheels remain on the ground when pulling a nested train. This guarantees precise tracking and a minimum curve radius. However, its main advantages come to bear in tight spaces and narrow passages.



Technical data

Large advertising panel mm	500 x 383/358*
Load capacity kg	300
Empty weight kg:	
Type 8 924 71 (aluminium)	15,0
Type 8 926 71 (stainless steel, electropolished)	21,0



* rear side 500 x 383, front side 500 x 358 mm



The “Winglet” brake release system combines innovative technology with convenience during handling.



Advertising panel – impact resistant, weather and solar proof, made of flame retardant plastic



All dimensions in mm.

The advantages of baggage cart Compact Basic



Multi-purpose push handle – glass-fibre fortified EXLAN; exchangeable handling instructions; RFID transponders inside on request

Advertising panel – impact resistant, weather and solar proof, flame retardant plastic; easily to be printed or foil-covered, exchangeable, printing on request

Loading platform – low over ground for easy loading and unloading, 14° inclination for secure hold of loaded items even when passing kerbs and slopes

Heavy-duty front castor – sheet metal housing, extra large water-tight ball bearing, V2A bolt and locking nut, guarantees soft movement, high manoeuvrability and stability

Unmatched brake system – glass-fibre fortified EXLAN; automatic parking brake effect; outstanding braking power for highest safety; designed for lowest maintenance

Basket – shiny steel chromium-plated for outdoor use

Frame construction – developed and well-proven under extreme hard conditions (50,000 heavy runs)

Material – special aluminium alloy of group 7000 (robust, corrosion-resistant, low weight)

Wheels – EXLAN rim and axle, two-layer rubber tyre, V2A axle screw; 180 mm diameter, two large precision ball bearings, dust and water proof, increased traction on walkalators even when wet



**NVH
TESTED**

Lasting stability tested under the hard conditions of over 50,000 cycles on NVH (noise, vibration, harshness) test track for moving vehicles.



The **rubber tyre** consists of a hard core inside and a softer light-grey tread which prevents marking floors.

The **inner wheel** is made of shock-proof, unbreakable plastic-EXLAN with two precision ball bearings that are dust and water-proof and permanently lubricated.



The **braking mechanism**, form fitted to the wheels, achieves approximately 30 % more braking power as opposed to common braking systems.



Compact Basic

Reduced to the basics – where it makes economical and practical sense: The Compact Basic has been downsized to its basic components, but still offers the benefits of EXPRESSO's branded quality that are essential for smooth and safe baggage transport operations.



Technical data

Large advertising panel mm	460 x 384/358*
Load capacity kg	200
Empty weight kg	
Type 8 911 71 (aluminium)	16,5



* rear side 460 x 384, front side 460 x 358 mm



Reduced to the basics: Less weldings, less material, less parts = low price



Advertising panel – impact resistant, weather and solar proof, made of flame retardant plastic



All dimensions in mm.



VariCart

The VariCart is the most diverse among EXPRESSO's baggage carts. Its appearance changes according to the individual demands of the application area. Load platform geometry, basket design, the VariCart leaves no design or application requirement unanswered. The VariCart baggage cart also uses the Multi Strut Construction (MSC) principle engineered by EXPRESSO.

Technical data



Large advertising panel mm	440 x 363/338*
Load capacity kg	300
Empty weight kg:	
Type 8 918 471 (aluminium)	15,5
Stainless steel upon request	21,0

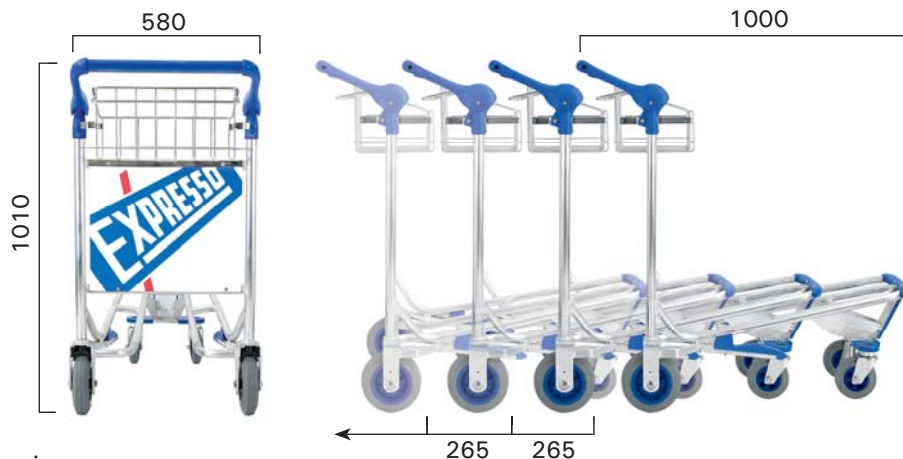
* rear side 440 x 363, front side 440 x 338 mm



One example of the VariCart's versatility is adapting its width to special applications.



With four wheels for special applications



All dimensions in mm.



Airside

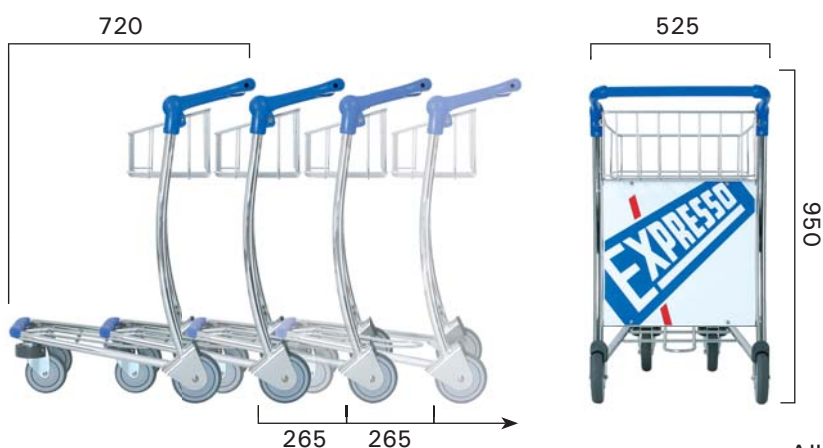
Thanks to its incredible manoeuvrability and utmost stability, this elegant and compact shopping/baggage cart is an ideal companion in airport shopping surroundings. Four high-quality castor wheels permit the Airside cart to be pushed and steered safely through tight sales areas with just one hand.



Technical data

Large advertising panel mm	440 x 430/397*
Load capacity kg	100
Empty weight kg:	
Type 8 932 10 (chrome-plated steel)	12,5
Stainless steel upon request	12,5

* rear side 440 x 430, front side 440 x 397 mm



All dimensions in mm.



Hand-friendly EXLAN multi-purpose push handle with integrated safety instructions. The large wire basket provides ample space for shopping bags, etc.



Large, fixed load platform for practically silent operation

The advantages of EXPRESSO's escalator baggage cart



The **basket panel** made of impact-resistant plastic for carrying operators advertising, etc. (optional)

The **large basket** for small baggage items

The **large advertising panel** made of impact-resistant plastic (without printing)

The **front bumper** prevents injury and damage to objects.

The **Safety rollers** ensure a comfortable recovery from the escalator to the floor, even when the cart is in a slight diagonal position.

The **castor guided front wheel** is equipped with an oversized precision ball bearing 6307z, DIN 625. It cushions abrupt impacts, makes steering easier, and allows for narrow turns without the danger of tipping over.

The **jagged rubber profile** of special adhesion gives a secure hold between the cart and escalator.

The multi-purpose **push handle** of hand friendly EXLAN releases the brake by moving up or down. The handle integrates instructions for safe handling and functions as a housing for EXPRESSO's transponder based RFID systems.

The **automatic parking brake** offers high safety and service.

The **basket's handle** aids in the steering of the cart.

The **rubber supports** increase the stability on varying heights of escalator steps.

Multiple material choice:

Stainless steel V2A (1.4301), electropolished
(robust, corrosion-resistant, shiny appearance)

Hot galvanized steel
(robust, corrosion-protected, for specific instances)



The **front guard** with safety belt prevents baggage from slipping off the cart.



A lattice frame design which ensures utmost shock resistance and highest stability.



The **rubber tyre** consists of a hard core inside and a softer light-grey tread which prevents marking floors.

The **inner wheel** is made of shock-proof, unbreakable plastic-EXLAN with two precision ball bearings that are dust and water-proof and permanently lubricated.



The **braking mechanism**, form fitted to the wheels, achieves approximately 30 % more braking power as opposed to common braking systems.



Safety First

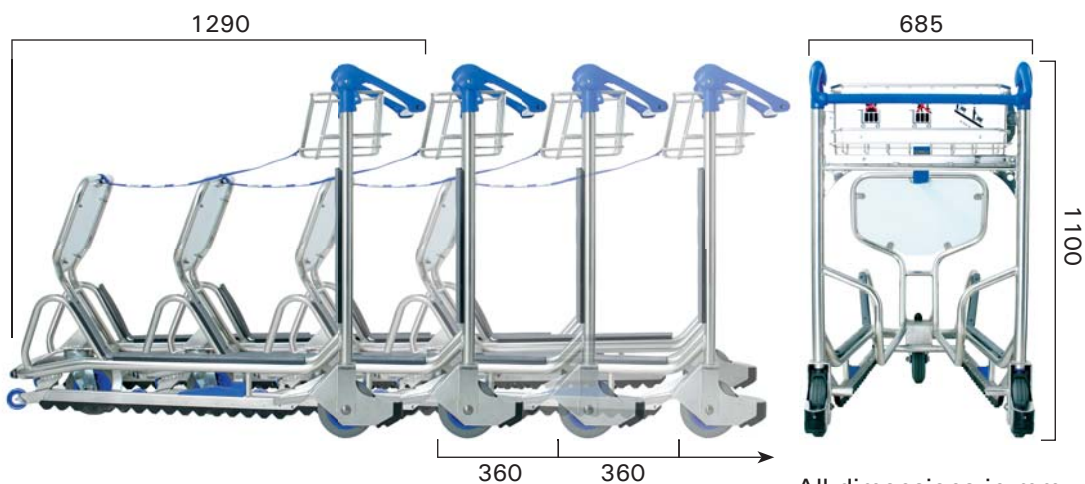
A perfect combination of safety and design, the Safety First unites the convenience and manoeuvrability of a standard baggage cart with the safety features required for use on escalators. For more than 25 years EXPRESSO's escalator carts have given worldwide reliable service to ensure smooth and safe operations and satisfied travellers. Moreover, this specialist cart now comes with EXPRESSO's new "Long Life" brake housing.

Technical data

Large advertising panel mm	444 x 301
Load capacity kg	120
Empty weight kg:	
Type 8 951 71 (stainless steel electropolished)	38,0
Type 8 953 71 (hot galvanized steel)	39,0



The Safety First offers optimum safety and convenience in every situation.



EXPRESSO's new "Long Life" brake housing also for the "stair climber"

Guardrail: The guiding element of a flexible modular system

Rational to the last technical details

- Robust construction made entirely of high-grade brushed stainless steel (1.4301)
- Module components are assembled by means of precision plug-in/bolted connections
- Securely anchored to floor by means of welded base plates with three mounting points per upright (floor must be capable of holding the anchors)
- When used in combination with a baggage cart depot, a patented cart guide rail made of special aluminium profile with protected internal cable duct is used.
- System components (L x H): Front module 1803 x 850 mm, end module 1840 x 850 mm, central & extension module 1840 x 850 mm
- Counting devices for tracking and reporting the number of removed/returned baggage carts
- Stand-alone mounting modules for installing the depot system on surfaces that cannot be doweled – the system's own high weight keeps it in place

You want more? We provide more. The options

- Banner panel for high-attention advertising space for lucrative rental e.g. to shop owners and car rental companies
- Profitable, scratch & impact resistant advertising panel
- Illuminated advertising cube for easy detection of baggage cart depot
- Height extension module for lucrative advertising and even better detection of baggage cart depot, e.g. in locations that are difficult to find





Baggage Cart Vending Units

The high-class basics

- Self-explanatory, optimally positioned user instructions for baggage cart removal
- Perfect readability of the payment instructions, thanks to the protected, recessed operating panel – whether in bright sunlight or rainy weather
- Transreflective two-line display with blue background lighting for excellent readability of operating instructions for passengers, and service instructions for personnel respectively
- Acceptance of up to six different coin denominations of any currency possible
- Automatic coin return function in case of overpayment or if operation is aborted by pressing the 'Cancel' key
- Swipe reader for MasterCard, American Express, VISA, and a fourth credit card type (freely definable)



Technical data

Durable, intrusion-resistant housing of 2 mm thick brushed stainless steel, (H x W x D)

1450 x 580 x 400

Supply voltage

95...230 V AC, 45...65 Hz

Rugged turnstile unit for two directions (cart return and withdrawal) with sensor for detecting the baggage carts

Three-point latching system with safety cylinder lock and robust die-cast handle in the upper doors

Cost and benefit-oriented features

- Hopper for up to 750 coins (depending on coin type)
- Electronic coin validator with sorting function
- Operating parameters are individually adjustable by the owner/operator for fast adaptation e.g. to changed operational conditions
- Identification of service personnel by passing the service card through the credit card reader (three service cards are included in delivery)
- Integral service keypad securely and safely located inside the depot housing permits personnel to call all the service functions
- 6-digit electromechanical counter is readable from outside, non-resettable (i.e. manipulation-proof), and therefore provides additional supervision
- Thermostatically controlled interior ventilation ensures trouble-free operation of electronic systems in different climates.
- Technically prepared for battery operation as an alternative installation in locations without mains supply



Recessed operating terminal with a large backlit LC-display (2 x 20 characters) for user guidance



Manipulation and vandal-proof cart release by robust turnstile fitted with five rubber-coated locking disks mounted in ball bearings

We provide more: Options for customized solutions

The high performance options

- Banknote validator for all popular currencies
- Hopper extension for up to 1000 coins of the same type
- Additional hopper (for up to 1000 coins, depending on coin type) for validating and handling different coin types, e.g. 1 € and 50 cents
- Theft prevention system: Coin hopper as a lockable metal container with convenient carrying handle
- Module for PCI-compliant encryption of collected credit card data
- Electromechanical refund payment system
- Transparent weather protection hood made of impact-resistant, scratch-proof polycarbonate (Makrolon) as a special protection for the panel
- Illuminated advertising cube with signalling function for easy detection of baggage cart depot
- Intrusion signalling system with visual-acoustic warning to protect the depot
- Integrated heating system for operation with mains supply
- Battery-powered operation possible
- Mounting modules for installing the depot system on surfaces that cannot be dowelled
- Field service case with receipt printer (thermal transfer printer) and depot data storage (BCM Memory Device and CF card reader with USB port)

- Software package for VIP and Service cards for customer-specific card management as well as depot data management (reading, combining, and processing data from the depot)
- Remote signalling of operating status via GSM/SMS messaging module or via LAN/WLAN
- Work-flow management tool D.D.M. for monitoring the individual operating status of all baggage vending units in the area centrally and precisely via LAN, WLAN or radiolink

We set standards that serve as targets for others.





EXPRESSO

Traditionally innovative

Since 1953 we have specialised in ergonomic and economical transport equipment. Our innovative products are sold all over the world. There are numerous reasons why operators of international airports and railway stations are deciding for EXPRESSO baggage transport, management and recirculation systems. The use of EXPRESSO baggage carts means the greatest possible safety and convenience for passengers. The use of cart vending machines, future oriented options, and RFID management systems completes the service "All around the cart" and provides cost savings and additional income to the operator. EXPRESSO's high quality products are a guarantee for customer satisfaction and smooth operations.

www.expresso.de

The one-stop supplier – delivery quality worldwide

More than 140 international airports and rail stations have been appreciating EXPRESSO quality for decades. Certified quality and safety are a matter of course for us.





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