



# The Competence Catalogue

Manual transport equipment in branded quality



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Manual transport equipment

page 8 ff



Accessories for manual transport equipment

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# Traditionally innovative

Welcome to EXPRESSO. Since 1953, our quality products and experience have been helping people worldwide with problems involving the transport and handling of small goods. In close cooperation with you, our customers, our engineers develop unmistakable branded products, which are manufactured responsibly and with great attention to detail. EXPRESSO's products simplify and optimize all types of work procedures, and close the handling gap between manual labour and the use of forklift trucks. They are used wherever efficient, individual logistics solutions are required. We develop and manufacture branded products that are unique in design, construction, and production. Thanks to their safety, quality, and precise workmanship, all our products are highly convincing. Their long service life and permanent availability underline their outstanding economic advantages. All our products are based on a modular system, enabling us to provide individual, customer-specific solutions.

## Ergonomy, productivity, and environment

With our innovative products, we make a lasting contribution to improved ergonomics and higher efficiency of the equipment used, as well as supporting the health of working personnel. It is our philosophy at EXPRESSO always to place human requirements in the forefront. Hereby, environmental aspects are taken into account with every decision. Energy and raw materials are used efficiently and in accordance with ecological considerations, thus helping to preserve our environment. We hope that our Competence Catalogue will provide solutions to simplify and optimize your load handling and transport tasks. We look forward to your specific inquiries.

**Your satisfaction is the basis of our success.**





The In Focus circle on the product pages in the catalogue provides the essential basic technical information of each product group. Additional technical data is provided in thematic tables and lists in the separate Technical Primer.



Essential information with In Focus

The contact data of our sales partners are listed on the double pages 146/147. Our team in Kassel, Germany and our sales partners in other countries look forward to hearing from you via e-mail, fax or phone.



Contact partners worldwide

To ensure a clear and simple layout of the product pages, all the technical information that goes beyond the data provided by In Focus has been bundled in tables in the separate Technical Primer, together with details on different versions as well as the prices.

Tragkraft kg	Eigen- gewicht kg	Stärke	Preis
150	12,5	10	1,20
200	15,5	12,5	1,50
250	18,5	15	1,80
300	21,5	17,5	2,10
350	24,5	20	2,40
400	27,5	22,5	2,70
450	30,5	25	3,00
500	33,5	27,5	3,30
550	36,5	30	3,60
600	39,5	32,5	3,90
650	42,5	35	4,20
700	45,5	37,5	4,50
750	48,5	40	4,80
800	51,5	42,5	5,10
850	54,5	45	5,40
900	57,5	47,5	5,70
950	60,5	50	6,00
1000	63,5	52,5	6,30

At a glance – the Technical Primer

Something perfect cannot be improved, but it can be supplemented with new application and user-oriented products and versions. This catalogue includes numerous new products, like the CLICK4, for example.



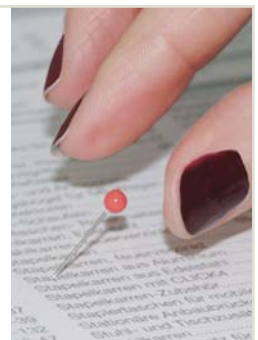
We want to make things easier for you!

The Info box at top right of the double-page product spreads always provides special details and tips as well as cross-references to related products or topics, such as safety, efficiency, and quality.



Always at top right – the Info boxes

Finding instead of searching! We have provided a detailed Subject Index on pages 148 and 149. Of course, we will also be happy to provide detailed information on the phone or via e-mail.



Subject index



## EXPRESSO – in the center of Germany

Our Customer Center is located in the Industrial Estate Waldau in Kassel, in the center of Germany. Our customers appreciate the excellent Autobahn and rail connections, which are also our guarantee for fast and flexible distribution. We look forward to your visit!



# Active safety at work

Ergonomics and productivity are directly related: Employees are the capital of every company. This essential productivity factor must be protected and maintained. Companies will only invest in ergonomic working equipment, if it promises to be effective. It is often argued that working with transport equipment and lifting aids is too slow, and that manual lifting, moving, and carrying is much faster. Admittedly, the human body is capable of performing many complex activities. But not at the same speed during a full working day, and usually not without a considerable risk to the employee's health.

## Employee health is a productivity factor

A defective machine can be replaced or repaired without great problems. But what about human beings? Once an employee's spine has been injured, it cannot simply be replaced or repaired. For example, if an employee reports sick with a back injury, a substitute must be found at short notice, and the sick person stays on the payroll. Therefore, the higher the technical standard of working equipment in a company is, the better will the medium and long-term productivity results be. Consequently, every investment in goods handling and transport equipment saves costs and prevents productivity losses.

## Technology must be adapted to people, and not vice-versa

The use of ergonomic transport equipment represents an elementary relief for workers, and ensures a uniform working speed. This serves to preserve health, and therefore benefits the company in the final analysis. Because "for employees, only the best is good enough!"





To an increasing extent, heavy and bulky goods must be moved and handled by a single person. This frequently leads to spinal problems. Here, light-weight and ergonomic transport equipment is extremely helpful.



## Ergonomy preserves health

EXPRESSO equipment gives assistance during transport and relieves the spine. This is also important in view of the increasingly high demands made by regulations on safety at work.



## Productivity and working safety

Basically, all ergonomic measures are aimed at reducing potential occupational hazards for humans to a minimum while taking worker productivity into account.



## Active occupational safety

Most national regulations stipulate that an employer is obliged to provide “mechanical equipment” in order to “prevent risks to the health and safety” of employees“.



## Regulation on occupational health and safety

Particularly the design details of our transport equipment ensure safe and reliable handling of heavy goods, which also has a positive effect on the efficient use of the equipment.



## Ergonomics and working speed



“A man who would do the best work, must avail himself of the best tools.” (J.W. von Goethe)

At all times, humans have searched for optimum working equipment. The artificial word “ergonomy” was compiled from the Greek words “er-gon” = work, and “nomos” = rule/law, and describes the interaction between humans and machines.







# Manual transport equipment



# Hand trucks

Our aluminium hand trucks are as individual as your transport tasks: For more than 50 years, our aluminium hand trucks have been used successfully by professionals in countless business sectors, such as the beverage industry, the foodstuffs industry, by parcel delivery services, and generally as a vehicle companion. More than 2000 hand truck versions – from our modular system – are available ex-stock. Users worldwide have been convinced by the large range of standard components such as different footplates, wheels, handles, heights & widths, plus the original spare parts service (page 14). Their exceptional strength, long service life, and permanent availability underline their outstanding economic advantages. Our branded products – made in Germany – offer the safety, quality, and precise workmanship you need for your professional transport tasks.

## Your needs influence our products

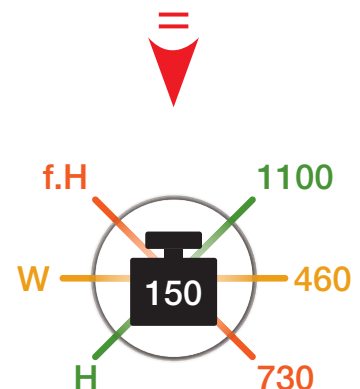
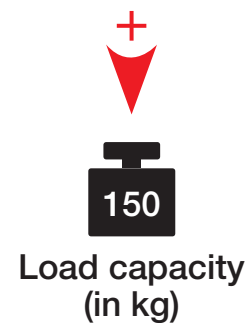
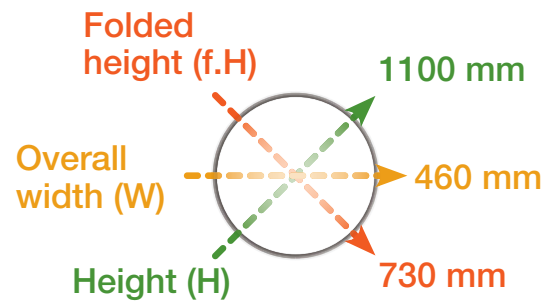
That's our philosophy – practical, and precisely matched to your needs. For example, your individual transport task can be solved efficiently and ergonomically from a range of practical accessories for hand trucks. These quality accessories convert a general-purpose hand truck into a specialized piece of equipment. See pages 90ff for detailed information about our comprehensive range of hand truck accessories.

## Hand trucks – from experts for experts

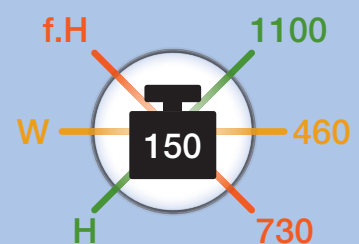
On the next pages you will find numerous ergonomic, lightweight aluminium transport devices that greatly simplify the transport of goods. All the products were developed in close cooperation with our customers, and have enjoyed worldwide success for decades.







## In-Focus



The In-Focus shows you the most important technical details of the different hand trucks at a glance: Load capacity, width, and height (or folded height). More detailed information is provided in the separate Technical Primer.

## 12 Made in Germany

Our branded quality has been established millions of times worldwide and stands for:

- a unique, proprietary EXPRESSO quality and safety standard
- a perceptibly high-grade and uniform quality
- products assembled by professionals, and immediately ready for use
- high-quality materials and workmanship – Made in Germany
- unrivalled length of service life
- precision and individuality down to the smallest detail
- configurability and special accessories for perfect solutions
- that extra “plus” in ergonomics and economy
- optimized, ergonomic work procedures

### Aluminium – 50% lighter, and far higher loading

Since decades, EXPRESSO hand trucks have been made of a special high-strength aluminium alloy and are therefore 50% lighter and far stronger than steel versions. The elliptical aluminium tube used for the hand truck frame is reinforced in the main direction of stress, which ensures utmost strength even under extreme loads.

**We set the standards that are used to evaluate others!**



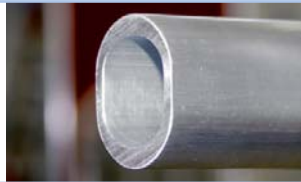


High safety standard through form-fitted joints with the special aluminium alloy uprights. Upper cross member serves as handhold e.g. during transport on stairs.



**Top-quality, glass fiber reinforced cross-members**

Frame made of high-strength elliptical aluminium alloy tube for utmost rigidity and loadability, reinforced in the main direction of stress – 50 % lighter than steel.



**Elliptical tube of special high-strength alloy**

Frame is reinforced with glass-fiber brackets in the main areas of stress, or secured reliably with dual stainless steel clamps.



**Precise-fitting, permanently protected safety joints**

For special protection of the angled aluminium skids, and to prevent damage when traversing steps. Integral red core of plastic strip shows the degree of wear – very fast replacement thanks to clip fasteners.



**Wear strips made of EXLAN plastic with wear indicator**

The curved shape assists when tilting the truck (also with heavy loads), and prevents the foot from slipping off. Curved axles are fitted as standard to all trucks with 260 mm diameter wheels.



**Curved through-axle with 25 mm diameter**



## Our quality has a history

Since 1953, all the products in our comprehensive range are highly convincing thanks to their safety, quality, and precise workmanship. Their long service life and permanent availability underline their outstanding economic advantages.



Not conventional – but individual! Instead of a standard general-purpose hand truck, it is your specific logistic application that determines the appearance and the functionality of your professional transport device. Since 1967, EXPRESSO's modular system provides unlimited possibilities for configuring application and user-oriented transport solutions.

## More than 2000 hand truck versions from our modular system are available ex-stock

An enormous range of high-quality components such as different upright heights, footplates, wheels, skids, and handles are the basis for individual, application-oriented transport equipment. Conventional fixed constructions limit the application range – apart from causing considerable costs for maintenance and service. What's more: Should a worn part have to be replaced – no problem! Every component is also available as a spare part.

## EXPRESSO's original spare parts service

All our products undergo exacting quality tests. However, should a worn part have to be replaced, you simply make use of our spare parts service. This ensures that the equipment is always kept in top condition, and its useful life is multiplied several times. Ordering lists with all the spare parts are available for most of the hand trucks in our product range. Simply submit your order by mail, fax or telephone. And if you are in a real hurry, you can also order our original spare parts via the Internet under [www.expresso.de](http://www.expresso.de).

**Note: For safety reasons, only original EXPRESSO spare parts should be used!**





THE  
[ORIGINAL]  
MADE IN GERMANY



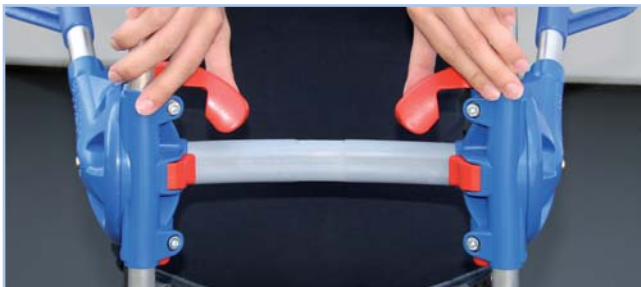
**We have the right transport equipment for you – that's certain!**

The demands placed on working equipment are just as individual as the persons using them. Regardless of whether the equipment must be application or user-oriented, or both – EXPRESSO offers a perfect solution for every professional need.

# CLICK4 – the height-adjustable handle

Would you prefer using a hand truck with safety handles that are mounted particularly high or further down? Is your colleague smaller or taller than you, but you must both use the same hand truck?

Whichever way you prefer to get a hold on things – the new handle goes “CLICK” whenever you adjust its height quickly and individually. And that’s its name. This patented handle design is based on functions found in an important item of daily use – the automobile. For transport professionals, the convenience of a height-adjustable steering wheel or individually adaptable seat is comparable with the new safety handle with adjustable height and angle for our hand trucks. Apart from the special safety aspects, the CLICK4 provides everything needed for flexible and controlled transport with an ergonomic body posture. At last: Optimum functionality for height adjustment is now also available for hand truck handles.



Whichever way you prefer to get a hold on things – the CLICK4 handle adapts perfectly.



CLICK4 – optimum functionality for height adjustment is now also available for hand truck handles.



Ergonomically shaped dog-ear handles made of hand-friendly EXLAN plastic with integral knuckle guard – they permit a permanent upright working posture, convenient transport with a low center of gravity, relieve the hand muscles, and prevent injuries.



**Closed dog-ear handle with knuckle guard**

Closed dog-ear handles are used mainly with classical folding hand trucks. They offer the user numerous gripping options for convenient transport with a low center of gravity, and relieve the hand muscles.



**Closed dog-ear handle**

Safety handles provide protection for your hands when manoeuvring through narrow passages or between vehicles. The handles are force-fitted securely to the hand truck uprights without the use of adhesives or bothersome screws.



**Safety handle**

Profiled handle grips with a unique hammer-handle shape (thickened end) provide a secure hold during transport. The handles are force-fitted securely to the hand truck uprights without the use of adhesives or bothersome screws. This handle version is ideal for warehouse hand trucks.



**Profiled handle grip**

This space-saving bowed handle with hand-friendly non-slip plastic or EXLAN coating offers a wide range of ergonomic gripping positions. It is used mainly with parcel and service hand trucks.



**Bow-shaped handle**

# Ensuring that everything runs smoothly

Very different – but both are very successful! The pneumatic wheel No. 21 with radial tread has convinced our customers worldwide since the 60's. Its unsurpassed high-quality carcass structure is a guarantee for extremely high loading.

The AIRLEX wheel No. 25 began its success story in 1998 as the “unflattable” tyre. Particularly in the beverage industry, this radial-treaded wheel makes a decisive efficiency contribution thanks to its material composition – it is made of polyurethane containing thousands of microcellular air bubbles – which results in a five times longer service life. Both wheel types feature minimum rolling resistance, excellent shock absorption on rough surfaces, and extremely high tracking stability.

OK, now it's up to you to decide which wheel is the most suitable for your individual EXPRESSO hand truck. The full wheel range is shown on the right-hand page. And – we will be happy to advise you.



No. 21, the pneumatic tyre: The embodiment of convenient, professional transport for decades



No. 25 – the AIRLEX wheel has been the established favourite in the beverage industry since 1998



The perfect top-quality wheel for every surface and every application: Choose from a wide range of wheel versions with the same diameter – they are fully interchangeable. The last two digits of the hand truck's type number usually indicate the wheel version. With pneumatic tyres, the carcass structure ensures highest loading with minimum rolling resistance. All wheels are odourless and are fitted with two water and dust-proof deep-groove ball bearings.

One-piece EXLAN wheel rim, with two water and dust-proof deep-groove ball bearings, tool-free mounting – the tyre is simply pushed onto the rim and secured with the circular clip.



**EXLAN wheel rim**

Pneumatic tyre with radial tread and minimum rolling resistance, excellent shock absorption also on rough surfaces



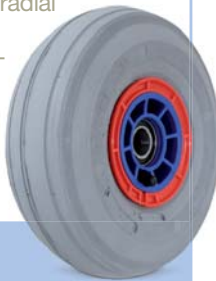
**No. 21**  
Ø 260 mm

Pneumatic tyre with lug tread and low rolling resistance, excellent shock absorption also on rough surfaces



**No. 22**  
Ø 260 mm

Pneumatic tyre with radial tread, light grey and non-marking on sensitive floors, minimum rolling resistance, excellent shock absorption



**No. 23**  
Ø 260 mm

Heavy-duty pneumatic tyre with reinforced radial tread, minimum rolling resistance, excellent shock absorption also on rough surfaces



**No. 24**  
Ø 260 mm

AIRLEX, light grey and non-marking, foamed polyurethane with radial tread, no risk of a flat tyre, excellent shock absorption, low rolling resistance, extremely long service life



**No. 25**  
Ø 260 mm

Pneumatic tyre with rib tread and low rolling resistance, excellent shock absorption also on rough surfaces



**No. 01**  
Ø 260 mm

Airelastik flat tread, highly elastic two-component tyre, silent and smooth running, good shock absorption, light grey and non-marking



**No. 62**  
Ø 260 mm

Smooth-running flat tread, highly elastic, silent running, very low rolling resistance



**No. 66**  
Ø 260 mm

Airelastik flat tread, light grey, highly elastic two-component tyre, silent and smooth running, good shock absorption, non-marking on sensitive floors



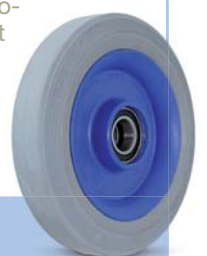
**No. 42**  
Ø 200 mm

Smooth-running flat tread, good elasticity, silent running, low rolling resistance



**No. 44**  
Ø 200 mm

Airelastik flat tread, light grey, highly elastic two-component tyre, silent and smooth running, good shock absorption, non-marking on sensitive floors



**No. 74**  
Ø 200 mm

Smooth-running flat tread, highly elastic, silent running, very low rolling resistance



**No. 76**  
Ø 200 mm

Airelastik flat tread, light grey, highly elastic two-component tyre, silent and smooth running, good shock absorption, non-marking on sensitive floors



**No. 71**  
Ø 175 mm

Smooth-running flat tread, good elasticity, silent running, low rolling resistance



**No. 05**  
Ø 160 mm

## 20 Tubular footplates

EXPRESSO's tubular footplates are used on mail & parcel distribution hand trucks as well as in many other applications, e.g. with parcel delivery services, in the foodstuffs industry and deep-freeze logistics. Cartons, crates, and baskets can be transported very easily with the folding tubular footplates that come in various lengths and widths. Extra-wide versions are ideal for handling very bulky cartons. The supporting feet protect sensitive goods from damage, wetness, and soiling, and the optimum footplate angle secures the load when the truck is in the parked position.



**No. R1**  
425 x 220 mm



**No. R2**  
425 x 280 mm



**No. R3**  
430 x 350 mm



**No. R11**  
500 x 220 mm



**No. R21**  
600 x 280 mm



**No. R31**  
550 x 350 mm



**No. R12**  
430 x 350 mm



**No. R22**  
430 x 450 mm



**No. R32**  
555 x 550 mm



**No. R13, 505 x 500 mm**  
**No. R14, 505 x 370 mm**



**No. R23**  
605 x 500 mm



**Folding tubular footplate with braces and supporting feet**



The ideal top-quality footplate for every application – select your favourite. The closely-grooved, precision-machined footplate is made of a special alloy and prevents loads from slipping sideways. The plate's front edge is chamfered for easy insertion under the load. The concave back provides secure support for cylindrical items such as drums and rolls. On request, all spade footplates are also available in folding versions – at no extra cost!



**No. 1**  
245 x 220 mm



**No. 2**  
180 x 190 mm



**No. 3**  
245 x 180 mm



**No. 4**  
400 x 500 mm



**No. 5**  
300 x 305 mm



**No. 6**  
180 x 340 mm



**No. 7 (with supporting feet)** 400 x 350 mm  
**No. 8 (no supporting feet)** 400 x 350 mm



**No. 9**  
180 x 235 mm



**No. 10**  
230 x 430 mm



**Closely-grooved, precision-machined spade footplate**



**No. 11**  
90 x 430 mm



**No. 12**  
90 x 430 mm (glazed)





# Hand trucks





Whether large or small, every user is able to transport heavy loads in his/her optimum body posture – thanks to the new height-adjustable CLICK4 handle.



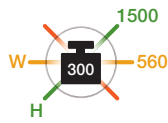
Apart from the special safety aspects, the CLICK4 provides everything needed for flexible and controlled transport with an ergonomic body posture.



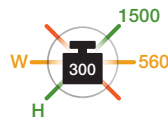
## Info box



Hand trucks with the patented CLICK4 handle design are delivered as standard with an upright height of 1400 mm. However, you can specify your individual upright height when ordering.



Type 285 811 21



Type 285 815 25



Hand truck Type 285 815 25: This version is fitted with the patented CLICK4, the proven footplate No. 5, and “unflattable” AIRLEX wheels.



The four snap catches of the Quick-CLICK clamping system are as easy to adjust as the height of a modern bicycle seat (page 16).



The allrounder – confirmed 100.000 times in practice: All over the world, this hand truck proves that professional transporting is more ergonomic and efficient.



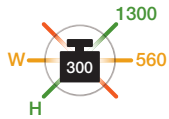
Apart from low rolling resistance, the pneumatic wheels No. 21 and No. 23 (grey) with radial tread feature two water and dust-proof deep-groove ball bearings.



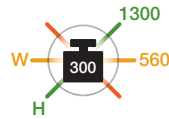
## Info box



All EXPRESSO hand trucks can be fitted with an advertising panel. Simply send us your company logo or inscription. This helps to protect your property and promotes your company's image.



Type 2 011 21



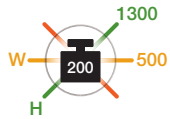
Type 2 015 25



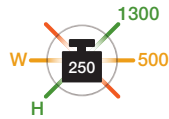
For an extra plus in safety: The safety handles protect your knuckles from injury and relieve the hand muscles when transporting heavy goods.



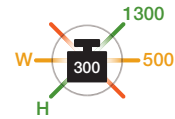
Plastic wear strips with an integral red wear indicator protect the aluminium skids. Thanks to clip fasteners, the strips are replaced very quickly.



Type 213 815 21



Type 233 811 21



Type 243 815 21



Supporting skids permit kerbs and small steps to be traversed easily, which also helps to protect sensitive loads.



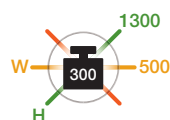
Curved, glass fiber reinforced cross-members give additional strength to the hand truck – the upper member serves as a handhold. (4-wheel cart: page 55)



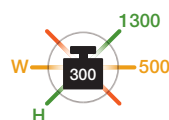
## Info box



The “unflattable” AIRLEX wheel No. 25 is made of foamed polyurethane. It offers a long service life, smooth running, and easy handling.



Type 243 811 21



Type 243 815 25



Type 243 811 21, the most popular hand truck. It's the combination of dog-ear handles, skids, and pneumatic wheel No. 21 that make it so successful.



Practice-proven during more than 25 years: Knuckle guards of the ergonomic EXLAN plastic dog-ear handles protect your hands from injury.

## 30 Stacking hand trucks



These high-stackers come in heights up to 2000 mm and in customized sizes. They are ideally suited for transport tasks in warehouses without connecting stairs.



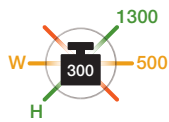
Particularly for hand trucks with heights above 1500mm, wheel No. 66 with water and dust-proof deep-groove ball bearings plus flat tread ensures smooth running.



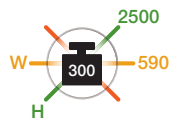
## Info box



Type 5 204 66: The curved profile of this footplate is specially designed for transporting cylindrical items such as carpet rolls. It prevents the sensitive, heavy goods from slipping sideways.



Type 5 204 66



Type 2 071 66 02+121002



The curved handlebars are another feature of the stacking trucks. They permit easier tilting and manoeuvring of the hand truck with tall loads.



Supporting wheels provide assistance when moving large and heavy loads – these wheels can be fitted to stacking trucks with a height of 1400 mm or more (page 98).





# Folding and vehicle hand trucks





The folding mechanism of EXPRESSO's folding hand trucks is protected by special hand-friendly EXLAN sliding sleeves.



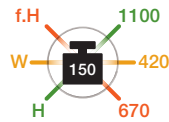
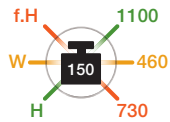
For higher efficiency: Thanks to the load area widener attached to the uprights, the possible loading volume is greatly increased.



## Info box



The closed dog-ear handle permits a wide range of ergonomic gripping positions for an upright working posture and convenient transport with a low center of gravity.



Also folding hand trucks can be equipped with central struts. In the upper part of the truck, the struts consist of elastic straps.



Thanks to the folding footplate and uprights, these EXPRESSO hand trucks are easily stowed in cars and vans.



The supporting feet under the tubular footplate protect the loaded goods from damage, wetness, and soiling.



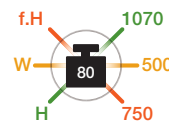
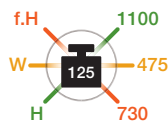
Contributes to the professional image of e.g. travelling salesmen: The practical, lightweight aluminium folding hand truck – typically EXPRESSO!



## Info box



Its appealing design and easy stowability turn the Piccolino Type 0 226 00 into an unrivalled transport device in a convenient "pocket format".



Central struts of flexible webbing prevent small parcels etc. from sliding through. That provides additional safety when transporting sensitive goods.



Piccolino, the compact transport wonder for leisure, hobbies, and shopping – just two flicks of the wrist and you have a robust transport device at your disposal.



Made of EXLAN plastic, the wheel guard protects the loaded goods from damage and soiling.



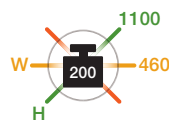
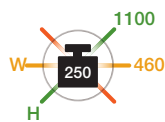
Central strut prevents small parcels, etc. from sliding through. Struts can be retrofitted easily to most of EXPRESSO's hand trucks (see Accessories, page 92).



## Info box



Reliable service is becoming increasingly important. EXPRESSO's transport equipment helps you to work more efficiently and professionally. On request, all vehicle hand trucks are also available as folding versions.



Type 231 821 21



Type 211 821 21



The curved axle shape assists when tilting the truck (also with heavy loads), and prevents the foot from slipping off.



The small skids permit kerbs and small steps to be traversed easily. A useful safety feature e.g. for deliveries in cities.





# Mail & parcel hand trucks





Large tubular footplates provide secure support for large cartons. They permit voluminous goods to be delivered quickly, safely, and conveniently.



Central struts prevent small parcels, etc. from sliding through. That's not only practical, but also provides additional safety.



## Info box



The upper glass-fiber reinforced cross member serves as a handhold, e.g. when transporting goods via stairs. The curved shape prevents the load causing injury to the hands.



The small skids permit kerbs and small steps to be traversed easily. A useful safety feature, e.g. for deliveries in cities.



All hand trucks are also available with straight cross members – this makes parcels, crates, and cartons lie securely against the uprights.



From our comprehensive range of footplates: Footplate No. 8 (400 x 350 mm) permits large as well as many smaller cartons to be transported.



Safety handles protect your hands while manoeuvring through narrow passages, and give a particularly good hold when transporting heavy goods.



## Info box



Made of hard-wearing plastic fabric, the delivery bags Type 01012 greatly simplify the distribution of flyers, newspapers, etc. (page 99).



The distribution of flyers and newspapers must be efficient and fast. For this, a robust and high-quality assistant is a great help.



Hand trucks for professionals from professionals: Lightweight folding hand trucks with individual accessories (p. 99) are indispensable equipment for delivery services.



Upright wideners and an extra-wide footplate greatly increase the possible loading volume. Just one of the special features of our service hand trucks.



International courier, express and parcel delivery companies rely on EXPRESSO quality – made in Germany – to provide customer-oriented services.



## Info box



Safety first: The service hand trucks shown on these two pages are fitted with straight cross members and two vertical struts. Also during speedy transport around bends, they prevent smaller parcels from slipping through.



Supporting feet under the folding tubular footplate protect the loaded goods from damage, wetness, and soiling.



Moreover, the bow-shaped handle with hand-friendly non-slip plastic coating offers a wide range of ergonomic gripping positions.





# Beverage trucks







Sensitive or delicate goods require particularly careful transport: This is ensured by the hand truck Type 2 212 21 – also in shops with limited space.



The height-adjustable retainer is used to transport differently sized beverage crates. To use the retainer, the footplate No. 2 is simply flipped to the rear.



## Info box



We recommend: The “unflattable” AIRLEX wheel No. 25 of foamed polyurethane. It offers a long service life, smooth running, and easy handling.



Apart from low rolling resistance, the pneumatic wheel No. 21 with radial tread features two water and dust-proof deep-groove ball bearings.



For decades, professionals have appreciated the ergonomic dog-ear handles with knuckle guard when transporting beverage crates in industry, trade, and gastronomy.



For the safe transport of kegs, we recommend the retainer catch Type 1046. It is available as an accessory (page 95).



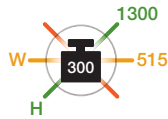
The height-adjustable retainer catch permits the safe transport of differently sized kegs, which greatly simplifies the logistics for these cylindrical items.



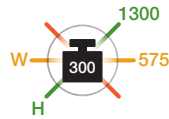
## Info box



The folding side retainer bracket Type 1220 secures the dual stack of crates during transport. The bracket has three settings to accommodate different crate types.



Type 8 018 24



Type 843 818 24+1220



Branch-specific detail: The special footplate with trimmed corners is ideal for loading/unloading dual stacks of crates.



Angled skids enable crates and boxes to be transported practically and safely on stairs.



Thanks to individual folding holders, water bottles can be transported very efficiently. Combined transport of water bottles and beverage crates is also possible.



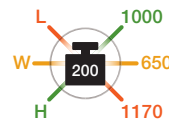
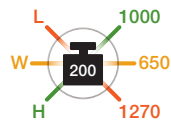
The accessories Type 1222 (side retainer bracket) and Type 1052 (folding safety catch) ensure a secure hold for stacked kegs.



## Info box



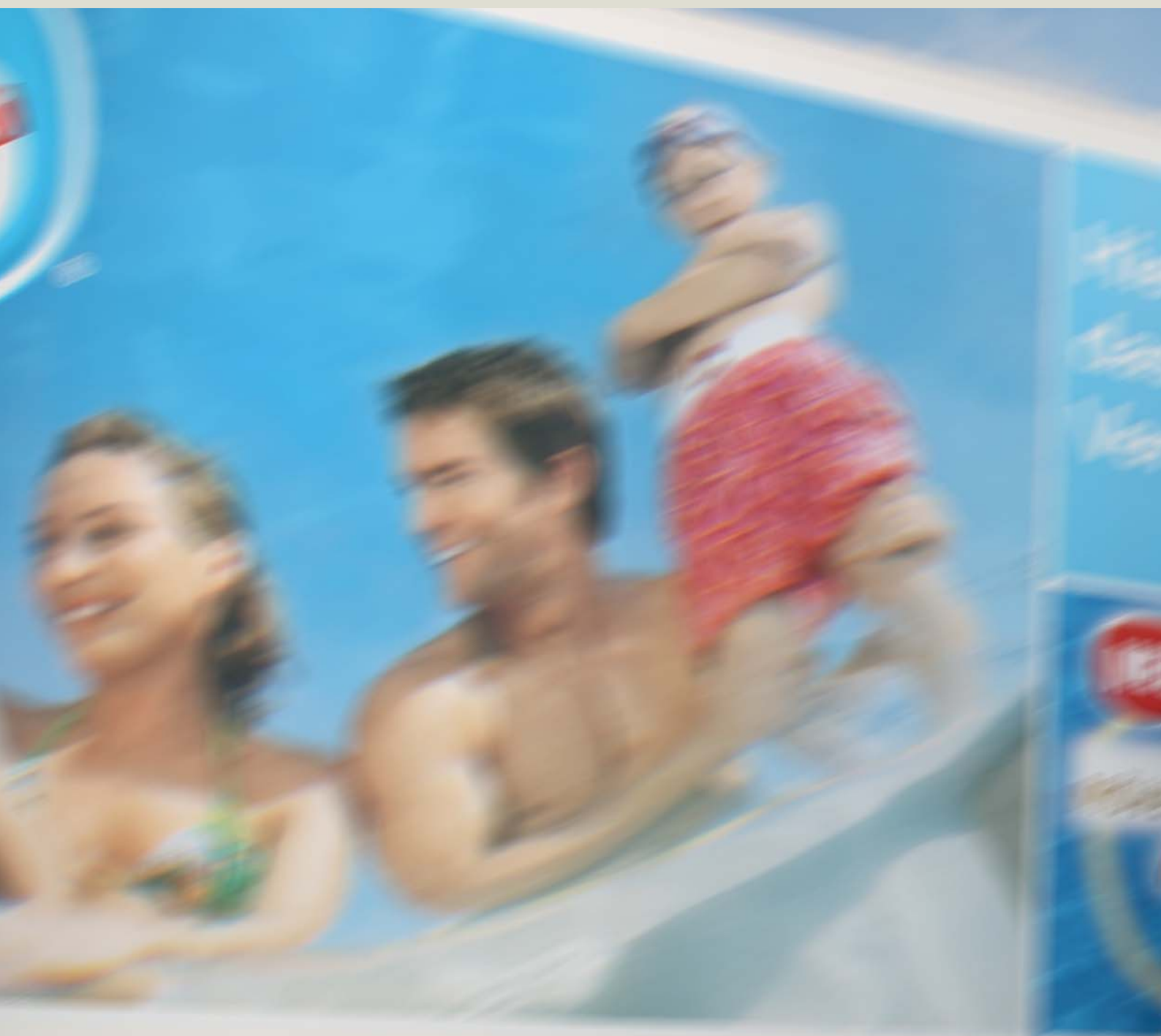
All self-service trolleys are also available with closer-meshed baskets and loading platforms. They are identified by the suffix 'ER' after the type no. in the separate Technical Primer.



For better orderliness on parking lots of beverage markets and supermarkets, we recommend fitting coin units (accessory Type 087) to all the trolleys.



Self-service trolleys come in two sizes for loading two or three crates. An automatic parking brake secures the trolley during loading/unloading on sloping parking lots.





# Deep-freeze & convenience equipment



# 58 Deep-freeze & convenience trucks



Thanks to the holding strap and the supporting skids, the deep-freeze truck can be raised and lowered conveniently and safety from the refrigerator vehicle.



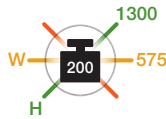
Special supporting feet under the precision footplate prevent the delicate loaded goods from becoming damaged or soiled, and protect them from wetness.



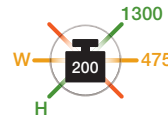
## Info box



Branch-specific detail: All plastic parts of the deep-freeze trucks are temperature resistant down to -40 °C. The benefits become clear under extreme conditions.



Type 823 280 2103



Type 823 280 4203



Type 823 280 2501: In addition to the large tubular footplate and the hand-friendly bowed handle, this version is fitted with AIRLEX tyres.



More safety during deliveries: The supporting skids permit kerbs and small steps to be traversed easily.

# 60 Deep-freeze & convenience trucks



Type 848 810 24GV with quick-exchange footplate: One footplate for perfect handling of 1/4-size pallets, and the other one for crates and cartons.



Convincing details of Type 848 810 24GV: Two different footplates of the quick-exchange system offer a wide range of application possibilities.



## Info box



Copes with the heaviest loads: For handling full-size pallets weighing up to 2500 kg, we recommend our pallet jack on page 139.



Combination pallet lifter with adjustable forks: Ideal for transporting ¼-size and ½-size pallets, and for order picking packaged goods from roller containers.



The raising/lowering function is controlled by a foot pedal. The highly manoeuvrable pallet lifter is ideal for use on business and warehouse premises.

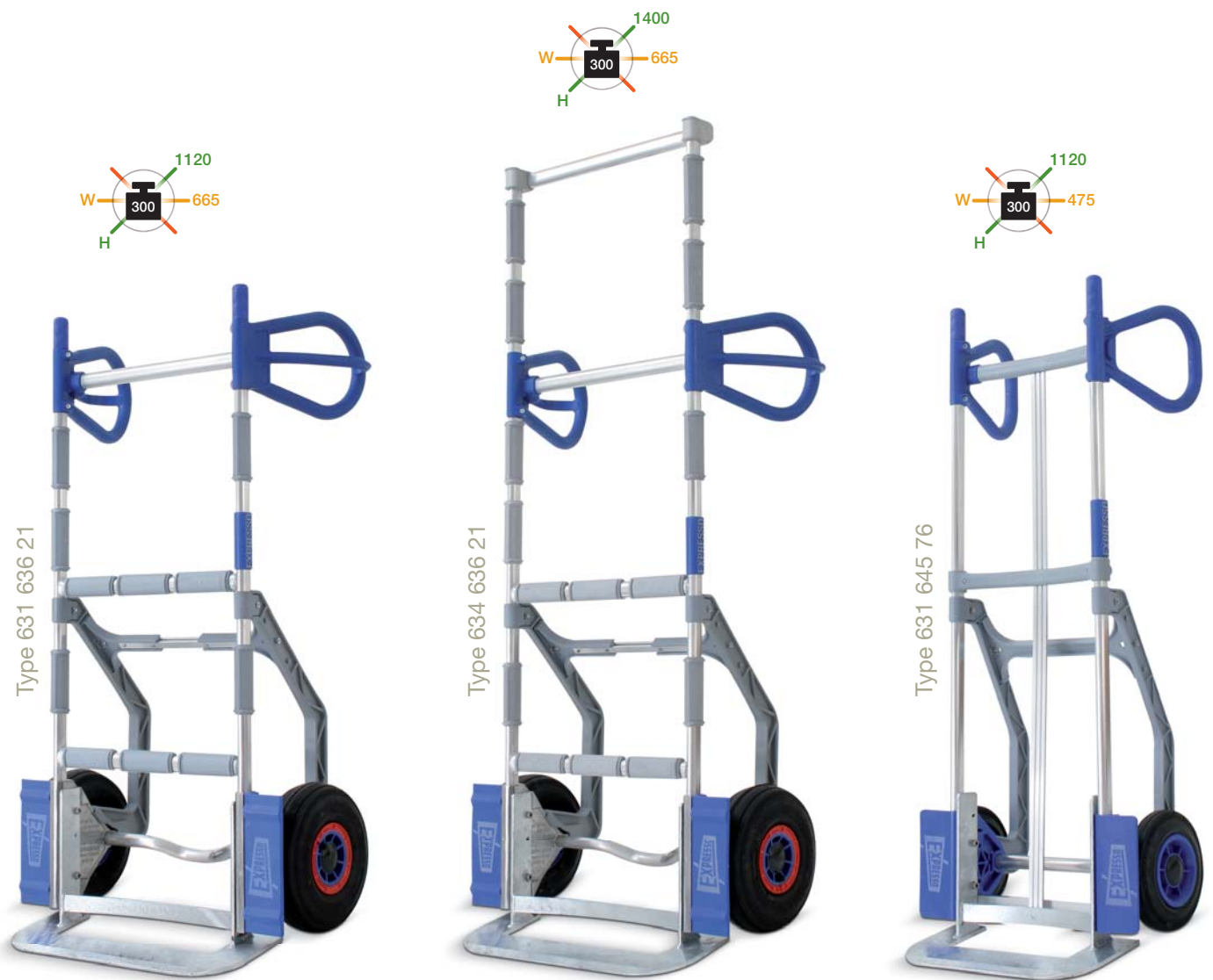




# Multi-purpose trucks



## 64 Multi-purpose trucks



Numerous protective profiles on the multi-purpose trucks protect high-quality goods or items without packaging from damage – also available as accessories (page 96).



Specialized multi-purpose trucks greatly simplify the handling of heavy or bulky items such as washing machines, dishwashers or refrigerators.



## Info box



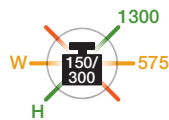
Safe transport of different goods: No problem for these transport allrounders with two different footplates. A short, flat footplate for heavy loads up to 300 kg, and a tubular footplate for crates and parcels up to 150 kg – a smart solution!



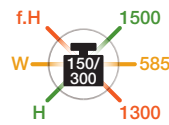
Bulky or heavy loads are secured safely and quickly with our ClipFix ratchet strap, which is simply clipped to the truck upright (page 97).



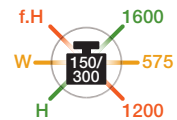
We recommend the carrying frame Type 1176 (accessory), for easy transport of heavy and bulky loads up/down stairs with two persons.



Type 843 820 21



Type 8 015 25 1500



Type 823 820 21 160KL



Safe transport of different loads: Whether large cartons or bulky “white goods” – our multi-purpose hand trucks ensure simple and efficient delivery.



Type 823 820 21 160KL with folding top uprights for convenient tilting. The truck can be loaded with max. 300 kg (using the fixed footplate and the lower handles).





## Info box



To protect high-quality goods or items without packaging from damage, we recommend the soft protectors that are simply attached to the truck up-rights with hook and loop fasteners (page 96).



Carrying frame Type 1178: It permits two persons to transport heavy and bulky loads up/down stairs ergonomically and easily (page 97).



Type 833 820 21 17001 plus supporting wheels Type 1213 – for moving large, bulky items conveniently, e.g. in warehouses.



One device – two functions: This useful hand truck can be used in the normal way, but also converts quickly into a four-wheel cart with two castor wheels.



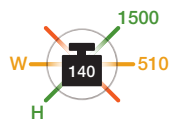
Simply pressing a foot pedal converts the aluminium hand truck into a versatile four-wheel cart for bulky loads – the modern transport solution!



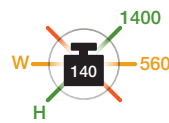
## Info box



Electric stair climber: The drive with continuously adjustable speed is activated conveniently via one of the ergonomic dog-ear handles.



Type 8 051 96



Type 8 044 96S+11970201



The electric stair climber saves time, reduces costs, and preserves health, because it permits one person to move heavy loads up/down stairs without assistance.



Up stairs, down stairs: Proven in more than 20 years – the stair climber's safety brakes always stop the device automatically on the edge of the step.







# Chair & baggage transport equipment







The loading frame Type 1144 is simply clipped to the hand truck for highly mobile chair handling. Without the loading frame, the hand truck is an ideal all-rounder.



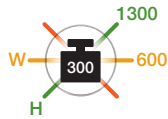
The height-adjustable chair loading frame Type 1044 is suitable for transporting different chair sizes. When not in use, it is simply folded up and secured with a hook.



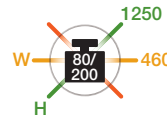
## Info box



Additional application-specific accessories for hotels and conference centers – e.g. for transporting tables – are shown on page 93.



Type 243 811 23+1029+1196



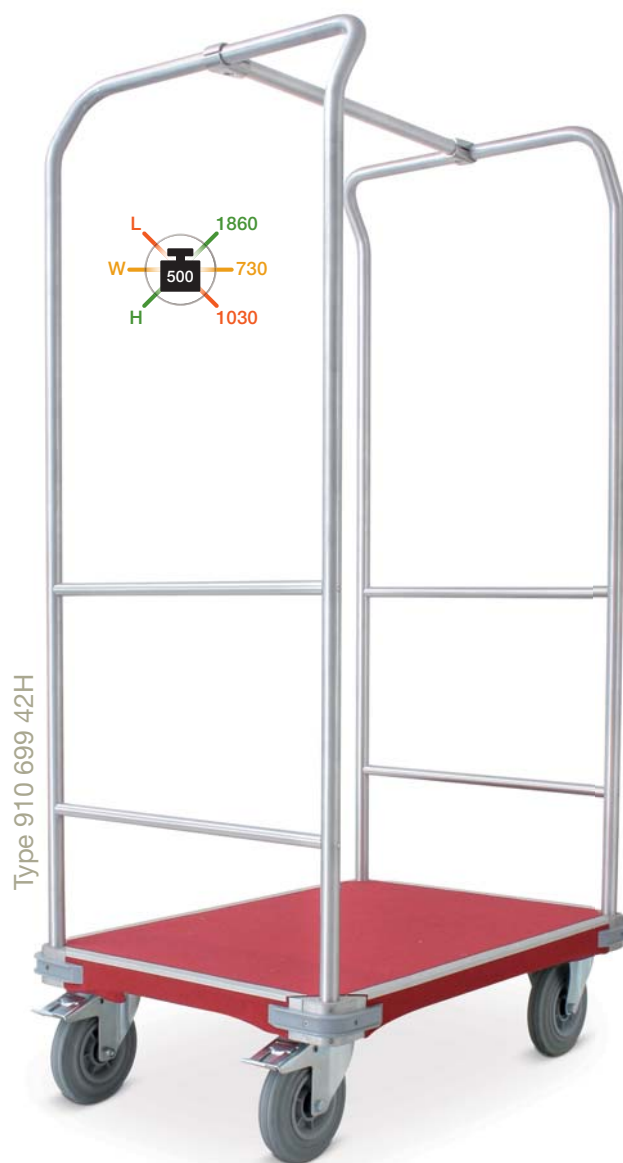
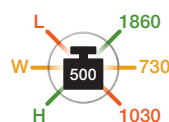
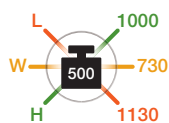
Type 710 01+104403



Useful accessory for transporting stacked chairs: The attachment simply hooks onto the rear of the footplate, i.e. it requires no special fastening.



The bowed handlebar has a non-slip covering of hand-friendly plastic. It ensures a secure hold when manoeuvring a heavy load of chairs.



This multi-functional four-wheel cart is available with one or two end and side panels – the swivel castors are fitted with arresters.



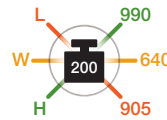
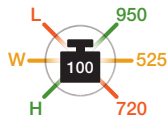
The large trolley ensures fast and trouble-free baggage handling in the hotel lobby – also if large groups are checking in or out.



## Info box



Ensures orderliness in the lobby, on the forecourt, and on parking lots: The coin unit Type 087. Small accessory – great effect (page 95).



Type 8 932 10 (chrome-plated steel)



Type 8 927 571



The baggage cart Type 8 932 10 is highly manoeuvrable and compact, enabling it to be stowed easily in the foyer or in the entrance area.



Baggage carts provide more convenience and safety for your guests. An automatic parking brake secures the cart while loading/unloading on sloping parking lots.



Perfect service is decisive: Our baggage trucks are easy to use and highly versatile. Central strut prevents small baggage items from sliding through.



Supporting skids permit kerbs and small steps to be traversed easily, which also prevents to your guests' baggage from being damaged.



## Info box



All EXPRESSO hand trucks can be fitted with an advertising panel. Simply send us your company logo or inscription. This helps to protect your property and promotes your company's image.



Hard-wearing protective covering on the tubular footplates and the uprights protect your guests' baggage from damage and soiling.



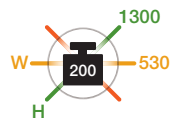
Rugged skids enable the loaded baggage truck to be used easily and safely on stairs. What's more, practically horizontal loading is possible.



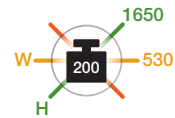


# Tyre trucks





Type 543 810 25



Type 546 810 25



Type 546 810 2501 is fitted with steerable supporting wheels. This enables stacked tyres to be transported quickly and ergonomically over longer distances.



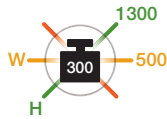
Direct loading from the automobile to the tyre truck – the skids with EXLAN wear strips help to preserve employee health when handling tyres.



## Info box



No more strenuous wheel rolling – the aluminium tyre truck permits up to eight tyres or complete wheels to be transported easily and quickly. And this is done without great physical effort, because the stacked tyres are always transported at a low center of gravity.



Type 243 814 21



Type 211 824 21



Thanks to the large footplate No. 4, tyres and other quality products such as alloy wheel rims can be handled safely and securely.



The ergonomic dog-ear handles provide a wide range of ergonomic gripping positions. This encourages and assists working without back strain.





# Drum-handling trucks





Drum handling made easy: Thanks to the supporting wheels (page 98), large, heavy drums up to 500 kg can be moved easily and efficiently.



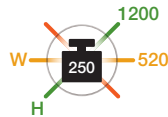
Unique triangular footplates for flexible application possibilities – they permit the safe transport of different drum sizes.



## Info box



This specialized EXPRESSO device is ideal for handling drums with airless-compatible paints for spraying and rolling applications. The hand truck enables the drums to be transported to the worksite conveniently and quickly. The angled skids ensure an optimum drum position for applying the paint.



Type 823 138 24



Special application, specialized transport assistance: The special drum holder and the heavy-duty wheels No. 24 are convincing arguments for professional users.



Tilting aid Type 117302 for hand trucks: 30% less physical effort to tilt the loaded truck – thanks to this innovative accessory (page 96).

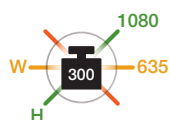




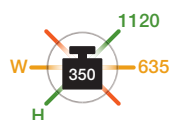
# Steel hand trucks

Warenausgabe	
Tor	4 + 5
Distribution	
Gate	4 + 5
Distribution	
Porte	4 + 5

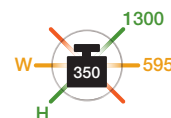




Type 6 636 21 (Steel, hot-dip galvanised)



Type 6 726 21 (Steel, hot-dip galvanised)



Type 7 163 66 (Steel, hot-dip galvanised)



Numerous protective profiles on the multi-purpose trucks protect high-quality goods or items without packaging from damage – also available as accessories (p. 96).



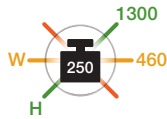
Thanks to the unique telescoping axle of the hand truck Type 7 163 66, loads up to 350 kg can be tilted easily for convenient transport.



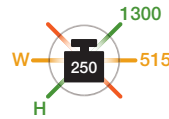
## Info box



Apart from low rolling resistance, the pneumatic wheel No. 21 with radial tread features two water and dust-proof deep-groove ball bearings.



Type 2 106 21 (Steel, hot-dip galvanised)



Type 2 109 21 (stainless steel)



Sometimes, steel is a must: If so, hot galvanizing provides corrosion protection for decades, without the need for maintenance.



Stainless steel hand trucks are ideal for use e.g. in meat processing, cold storage and wet rooms. They are easily cleaned to comply with hygienic regulations.





# Accessories for manual transport equipment





## 92 Accessories for hand trucks

Smart accessories – practical, and precisely matched to your needs. The modular aluminium system makes it possible: Equally varied as our product range is EXPRESSO's range of accessories for our hand trucks. They are matched precisely to your line of business or your transport application, and greatly simplify your goods handling tasks.

EXPRESSO's top accessories such as upright widener, footplate extension, drum gripper, water bottle holder or chair loading frame convert your hand truck into an individual transport device. Should you have a special request, we will be pleased to advise you professionally and in detail – backed by decades of experience. Simply call us or send an e-mail.

**Advertising and inscription panels** – All EXPRESSO hand trucks can be fitted with an advertising panel. Please send us your company logo or text.

**Type 108008** for hand trucks with 440 mm axle width

**Type 108204** for hand trucks with 510 mm axle width

**Type 1083** for hand trucks with 530 mm axle width

All your existing hand trucks can be retrofitted with advertising panels. This protects your property, promotes your company name, and enhances your professional image.



### Advertising and inscription panels

**Central struts**, prevents small parcels, etc. from sliding through.

**Type 1190** for hand trucks with safety handle grips

**Type 1191** for folding hand truck Type 2 851 ...

**Type 1194** for folding hand trucks

**Type 1196** for hand trucks with dog-ear handles and CLICK4



### Central struts

**Upright extensions**, Upright extensions for transporting particularly tall goods – for hand trucks with axle widths of 405 and 440 mm.

**Type 1093** for folding hand trucks

**Type 1193** for standard hand trucks

The loading capacity of the extended upright section is limited to 30 kg. The upper cross member may not be used as a handhold!



### Upright extensions



**Loading frame Type 1044**, with height-adjustable attachment for loading max. 10 stacked chairs of different types.

**Loading frame Type 1050**, for the convenient transport of tables. Note: Can only be used together with chair loading frame Type 1044.



**Chair & table loading frames**

**Loading frame Type 104403**, with height-adjustable attachment for loading max. 10 stacked chairs.



**Chair loading frame**

**Loading frame Type 1144**, mobile frame that clips quickly to the uprights for loading max. 10 stacked chairs of different types.



**Chair loading frame**

**Attachment Type 1029**, useful accessory for transporting max. 10 stacked chairs. The attachment simply hooks onto the rear of the footplate.



**Chair loading attachment**

**Load area widener Type 1311**, increases the loading volume for more efficient transport. Moreover, the folding side rails prevent the loaded goods from slipping sideways (W x H: 500 x 1150 mm). Suitable for all hand trucks with 440 mm axle width and a height of 1300 mm or more.



Load area widener with side rails

**Load area widener Type 1312**, for transporting wide, bulky goods and for increased loading volume (W x H: 500 x 750 mm). Suitable for hand trucks with a height of 1100 mm, e.g. classical folding trucks.



Load area widener

**Load area widener Type 131001**, e.g. for deep-freeze trucks and handling large cartons and parcels with sensitive goods (W x H: 440 x 1100 mm). Suitable for all hand trucks with 440 mm axle width and a height of 1300 mm or more.



Load area widener

**Load area widener Type 119702**, for the safe transport of extra wide goods and for increased loading volume (W x H: 480 x 1000 mm). Suitable for all hand trucks with a height of 1300 mm or more.



Load area widener



Folding side retainer bracket Type 1222, for secure hold of kegs during transport.



Folding side retainer bracket

Folding safety catch Type 1052, for particularly secure hold of stacked kegs during transport.



Folding safety catch

Aluminium stowing hanger Type 1166, with automatic catch – ideal for vans, warehouses, and garages.



Stowing hanger

Crate bracket Type 1023 (for 440 mm axle width), and Type 1225 (for 510 mm axle width) keeps stacked crates in the optimum position.



Bracket for dual crate stack

Side retainer bracket Type 1220, foldable, for secure transport of dual crate stacks, 3-stage adjustment (410, 550, and 610 mm) – fits all hand trucks.



Side retainer bracket

Retainer catch Type 1046, for securing kegs during transport, adjustable height.



Retainer catch

Coin unit Type 087, for self-service trolley and baggage carts – ensures orderliness on parking lots.



Coin unit

Folding safety bracket Type 1088, for self-service trolleys – ensures safe transport of beverage crates on sloping parking lots and loading ramps.



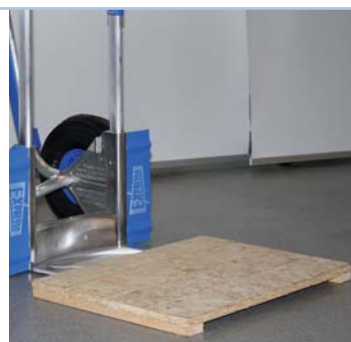
Folding safety bracket

**Water bottle carrier Type 1228**, for efficient and convenient transport of up to five water bottles – the individually foldable carriers (max. load 30 kg each) permit combined loads to be handled.



**Water bottle carrier**

**Small wooden pallet Type 0 1318**, (L x W: 335 x 485 mm) simplifies and speeds up loading operations if goods are stacked on it. Also prevents the goods from contact e.g. with dirty floors.



**Small pallet**

**Tilting aids** reduce the physical effort for tilting the loaded truck by 30%.

**Type 117301**, for hand trucks with 440 mm axle width

**Type 117302**, for hand trucks with 510 mm axle width



**Tilting aid**

**Drum grapple Type 1104**, made of hot-galvanized steel, adjustable for drums with different diameters – clamps the drum to the hand truck.



**Drum grapple**

**Protective profiles Type 304 3 033**, prevent the loaded goods from being damaged, and secure items such as "white goods" against slipping sideways. They attach easily to all uprights made of elliptical tubing.



**Protective profiles**

**Retainer for rolls & steel cylinders Type 1037**, for variable applications – with adjustable diameter for different items.



**Retainer for rolls & steel cylinders**

**Soft protectors Type 301 3 037 and Type 301 3 038** (70 and 140 mm long) prevent highly sensitive and unpacked goods from being damaged. They are attached easily by means of hook and loop fasteners.



**Soft protectors**



Tipping aid and safety belt Type 1179, adjustable, for the safe transport of e.g. „white goods“.



**Tipping aid and safety belt**

Carrying frames are used for easy transport of heavy and bulky loads up/down stairs with two persons – the different Type nos. refer to the hand truck's axle width.

Type 1172 for 440 mm axle width

Type 1176 for 600 mm axle width

Type 1178 for 510 mm axle width



**Carrying frames**

Ratchet straps – Straps with ratchet mechanism for securing loads on the hand truck.

Type 0 155 250 (length 2500 mm)

Type 0 155 350 (length 3500 mm)



**Ratchet straps**

ClipFix ratchet strap serves to secure bulky or heavy loads on hand trucks – it is simply clipped to the upright.

Type 0 155 1500  
(length 1500 mm)

Type 0 155 2500  
(length 2500 mm)

Type 0 155 3500  
(length 3500 mm)



**ClipFix ratchet strap**

**Supporting wheel Type 1210**, for stacking trucks with 440 mm axle width and a height of 1400 mm or more, adjustable – additional stability when moving large and heavy loads.



**Supporting wheel for stacking trucks**

**Fold-away supporting wheels with castors** permit easy manoeuvring of large bulky or heavy loads over longer distances.

**Supporting wheels Type 1211**, for hand truck Type 634 636 21 (page 64).

**Supporting wheels Type 1213**, for hand truck Type 833 820 25 17001 and Type 833 820 21 17001 (page 67).



**Supporting wheels for multi-purpose truck**

**Supporting wheel Type 1270**, for drum handling trucks, adjustable – for transporting heavy, unwieldy drums and barrels.



**Supporting wheel for drum truck**

**Large side retainer bracket Type 1455** for safe and convenient transport of bulky, voluminous goods – also for longer distances. Ideal for service hand trucks with varying types of load.



**Side retainer bracket**



**Safety reflector Type 301 3 034** made of highly-reflective 3M™ Scotchlite™ material. The film reflects light e.g. from vehicle headlamps – for maximum safety during twilight, darkness, and in bad weather. Attach easily to all uprights made of elliptical tubing.



Safety reflector

**Rain cover Type 1002** to protect mail, printed matter, etc. Made of textile-reinforced plastic – is hooked securely between basket and upright.



Rain cover

**Delivery bag Type 01012**, (L x W x H: 240 x 420 x 300 mm) made of hard-wearing plastic fabric, for distribution of mail & printed matter.



Delivery bag for mail & printed matter

**Wire basket Type 090**, W x H: 465 x 265 mm inside dimensions, ideal for plastic containers – weatherproof, as it is made of galvanized steel.



Wire basket

# 100 Accessories for manual transport equipment

**Mobile lifting unit Type 1500** for convenient raising/lowering of heavy items. Supplied complete with batteries and charging unit – lifting range up to 750 mm, load capacity 100 kg.

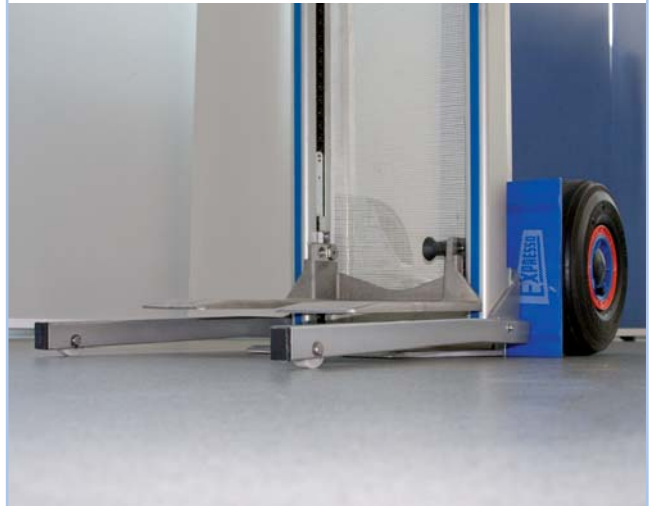
**Mobile, electrical lifting unit Type 1501**, for convenient raising/lowering of heavy items. Supplied complete with batteries and charging unit – lifting range up to 1150 mm, load capacity 100 kg.



Mobile lifting unit

**Stabilizer feet with rollers Type 150013** for electric lifting unit, foldable. Ideal for moving heavy loads with a high center of gravity.

**Stabilizer feet, rigid version Type 150011**, for electric lifting unit. Ideal for moving heavy loads with a high center of gravity.



Stabilizer feet with rollers

**Leather working gloves Type 00K128** for reliable hand protection, skin-friendly, CE-certified, and manufactured in accordance with EN 420, Category I.



Leather working gloves

**Fork extensions Type 1171** for combination pallet lifter Type 04 675 – permit lifting transverse ¼-size pallets up to max. 150 kg from a Euro pallet.



Fork extensions for combination pallet lifter



**Load area widener Type 1313**, LxWxH: 100x500x900 mm for transporting small parts, bags, and e.g. packaged tiles. Back panel and side walls of aluminium sheet, plastic handle for easy fitting to the electric stair climber.



Load area widener

**Sliding skid set Type 1116** for perfect loading/unloading from vans. For added protection of the angled aluminium skids, and to prevent damage when traversing steps and van loading sills. Integral red core of EXLAN plastic strip shows the degree of wear. Very fast replacement thanks to clip fasteners.



Sliding skid set

**Charging units for use in vans and trucks**  
Type 901 9 346, 12 V  
Type 901 9 347, 24 V

**Mains-operated charger**  
Type 901 9 345, 100 - 240 V



Battery chargers

**Battery pack Type 901 9 344** with gas-tight batteries for fast exchange when climber is in continuous use. Depending on weight of load, a fully charged battery pack has a capacity for climbing 30 to 50 floors – battery pack weighs 6 kg.



Battery pack





# Loading aids & accessories



## 104 Loading aids

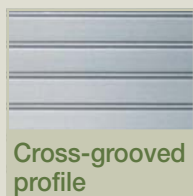
EXPRESSO offers a complete range for solving every loading task – from lightweight folding dock plates up to dock-edge levellers with 6 tons load capacity. Our aluminium dock plates, dock boards, and dock-edge levellers help to optimize your logistic procedures. They ensure that loading and unloading of trucks, vans, and rail waggons is a smooth operation. All loading aids are available in different sizes and load capacities. Safety details such as rubber profiles, standard latchpins & stop flanges, and wheels for convenient transport to the loading site are an important contribution to maintaining employee health. In order to find the best logistics solution, it is necessary to first determine what weights must be transported in what manner, and which height difference or gap must be bridged.

### Aluminium is our material – light and strong

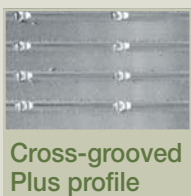
Our special aluminium alloy is 50 % lighter than steel, but just as strong. For service personnel, this greatly simplifies the task of handling and manoeuvring the loading aids. The outstanding product quality ensures excellent corrosion protection plus ideal conditions for a long service life.

### Top-quality surface finishes

The surfaces of the aluminium loading aids have non-slip, cross-grooved or five-bar profiles that meet the requirements of Accident Prevention Regulations for safe transport operations.



Cross-grooved  
profile



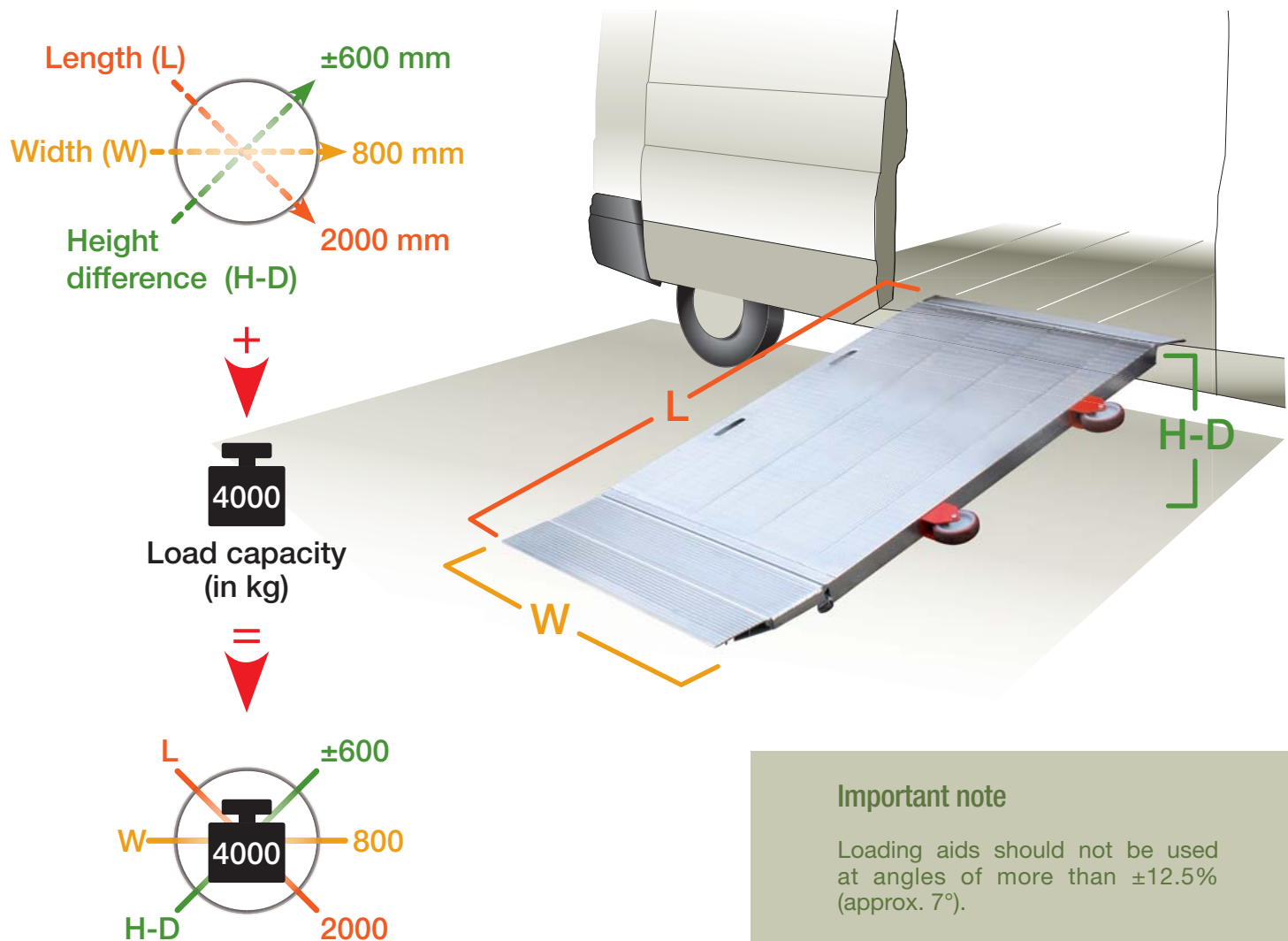
Cross-grooved  
Plus profile



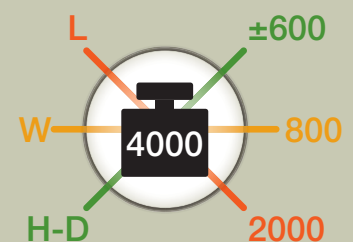
Five-bar  
profile



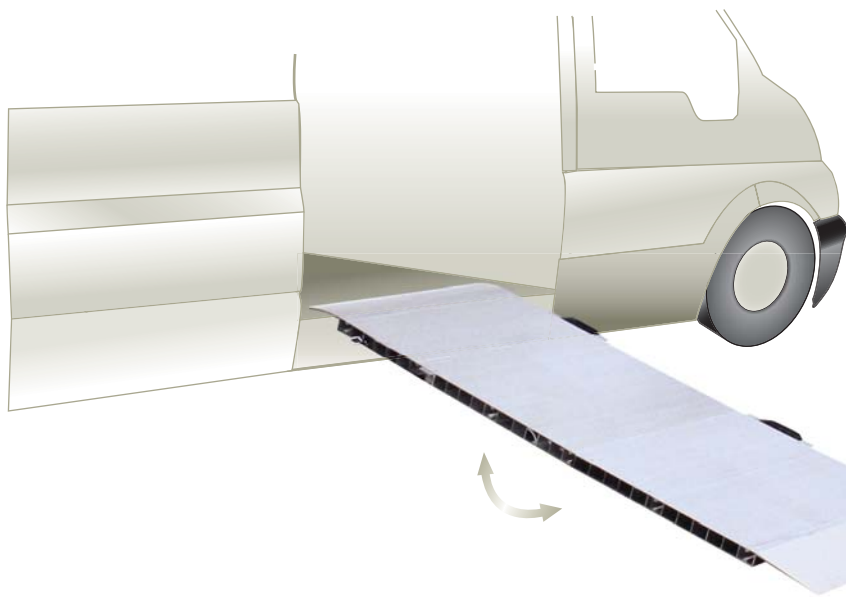




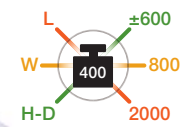
## In-Focus



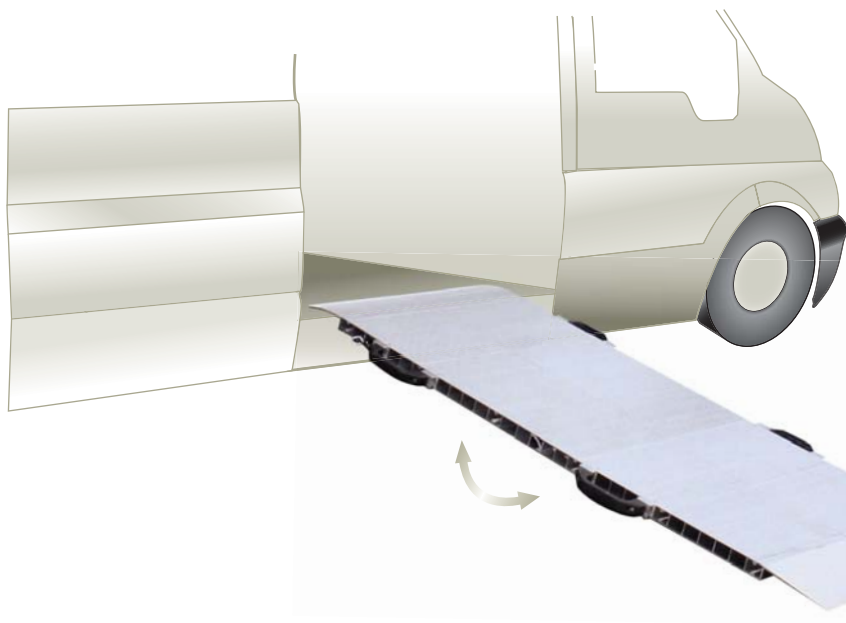
The In-Focus shows you the most important technical details of the loading aids at a glance: Load capacity, width, length, and the permissible height difference that can be bridged. More detailed information is provided in the separate Technical Primer.



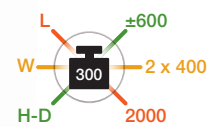
Type 8 772 20



Type 8 772 26



Type 8 772 44



Type 8 772 26 is fitted with two hand-friendly plastic handles and two smooth-running wheels as standard. Also available for Type 8 772 20 (page 123).



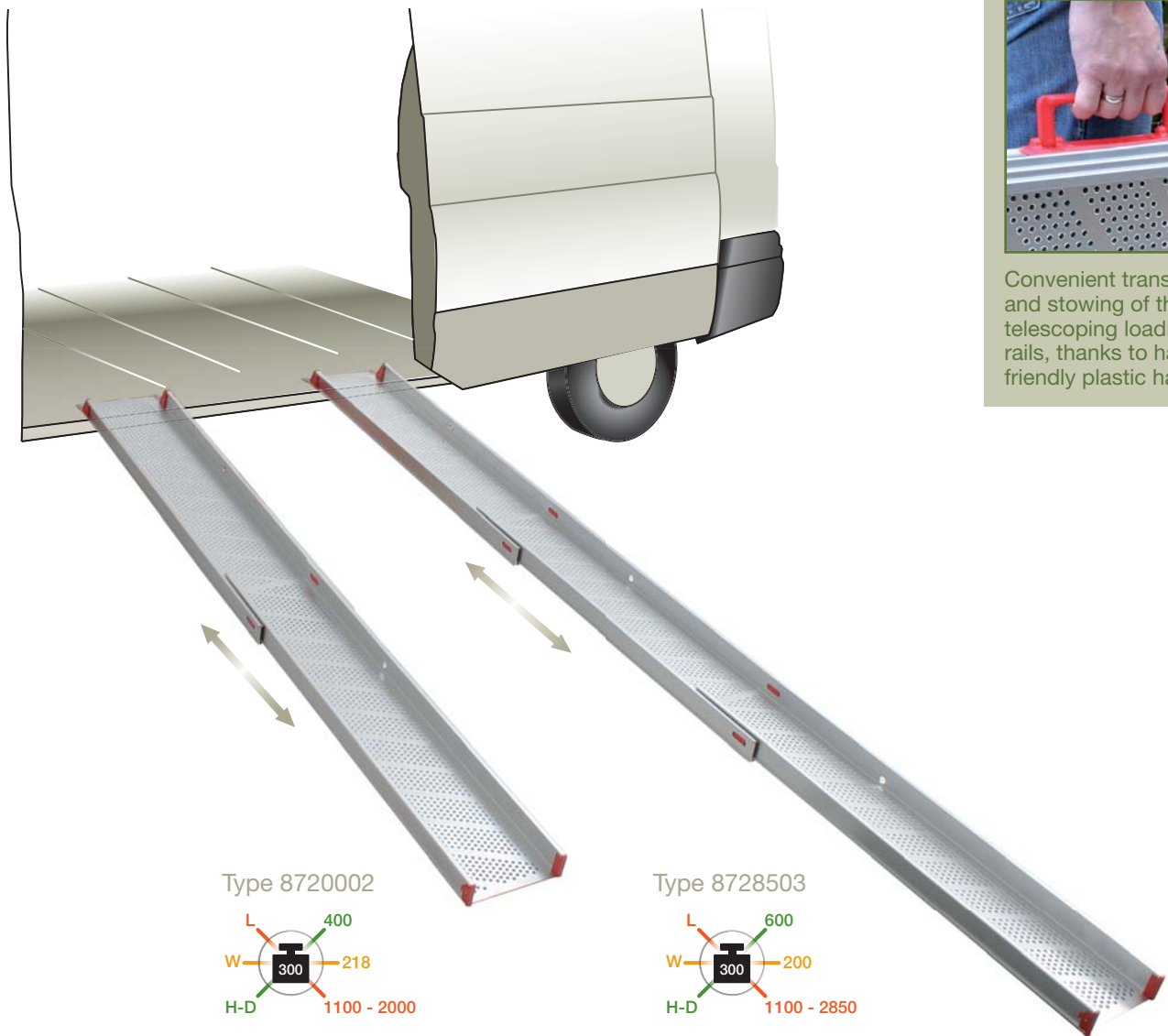
The loading ramp Type 8 772 44 stows easily in a vehicle, as it can be divided and folded. Therefore, it is always available for loading/unloading operations.



## Info box



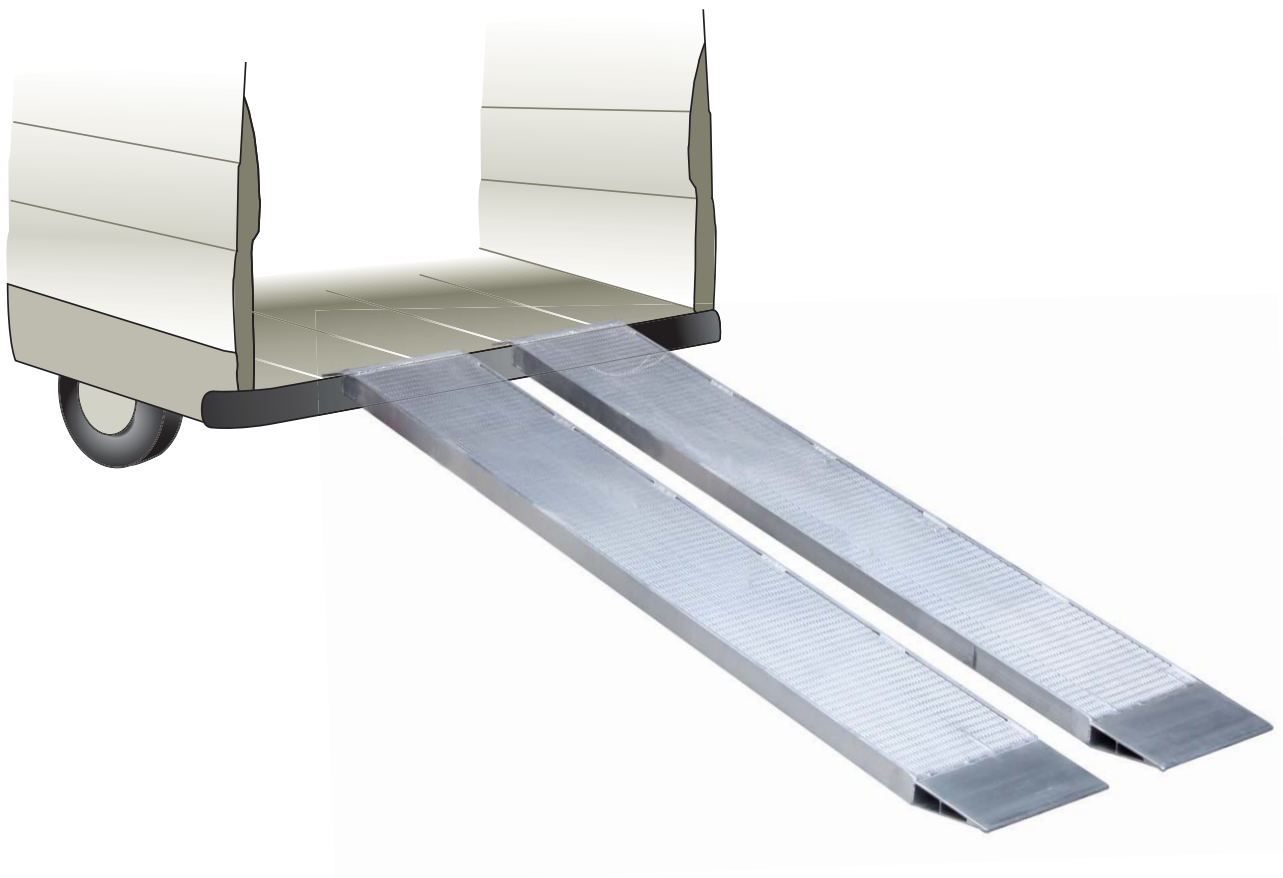
Convenient transport and stowing of the telescoping loading rails, thanks to hand-friendly plastic handle.



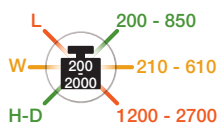
Rounded edge profiles provide high strength and optimum lateral guidance during loading/unloading.



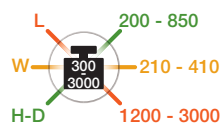
The loading rails are telescoped very easily – when retracted, they are only 1100 mm long, enabling them to be stowed in a minimum of space.



Type 873021/120 - 873061/270



Type 874021/120 - 874041/300



Frequently, goods must be loaded/unloaded by a single person. These loading rails with angled roll-on plates can be traversed very easily with heavy loads.



The loading rails have a non-slip surface to ensure safe loading/unloading operations e.g. in wet weather.



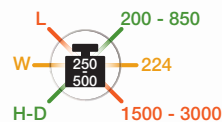
## Info box



The choice is yours: The lightweight aluminium rails are available with stop plates that are welded („SW“, see above) or bolted („SR“) to the rails. To avoid possible damage to sensitive loading edges, the bolted stoppers can be removed if necessary.



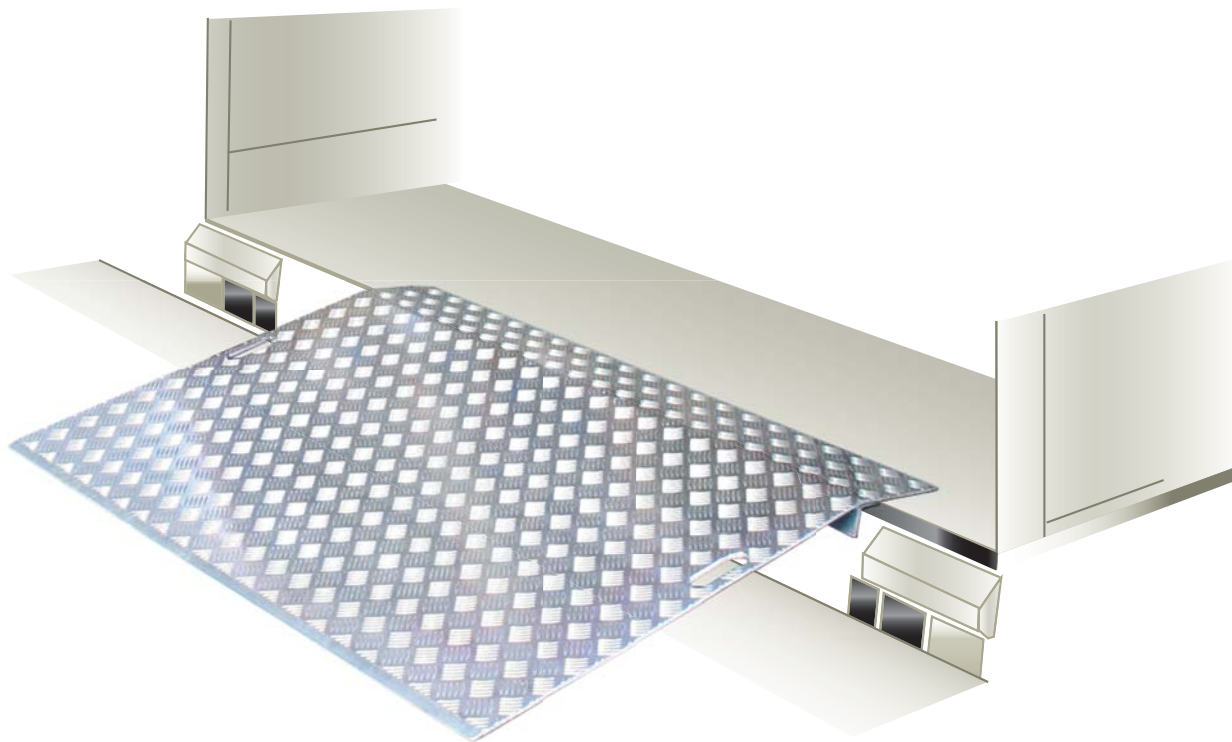
Type 87/150 - 87/300



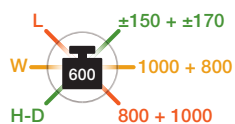
These practical, lightweight loading rails are perfect vehicle companions. For a surcharge, they are also available as foldable versions (Type no. plus suffix „K“).



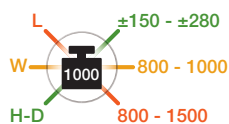
Loading rails ensure short loading/unloading times with no waiting periods for vehicle drivers. They are attached safely to the van's loading sill.



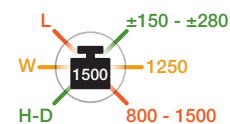
Type F 8760 + F 8762



Type F 8761 - F 8770



Type F 8781 - F 8790



The angled roll-on/roll-off plates ensure smooth traversing with loaded transport equipment. The full-width stop flange ensures optimum positioning.



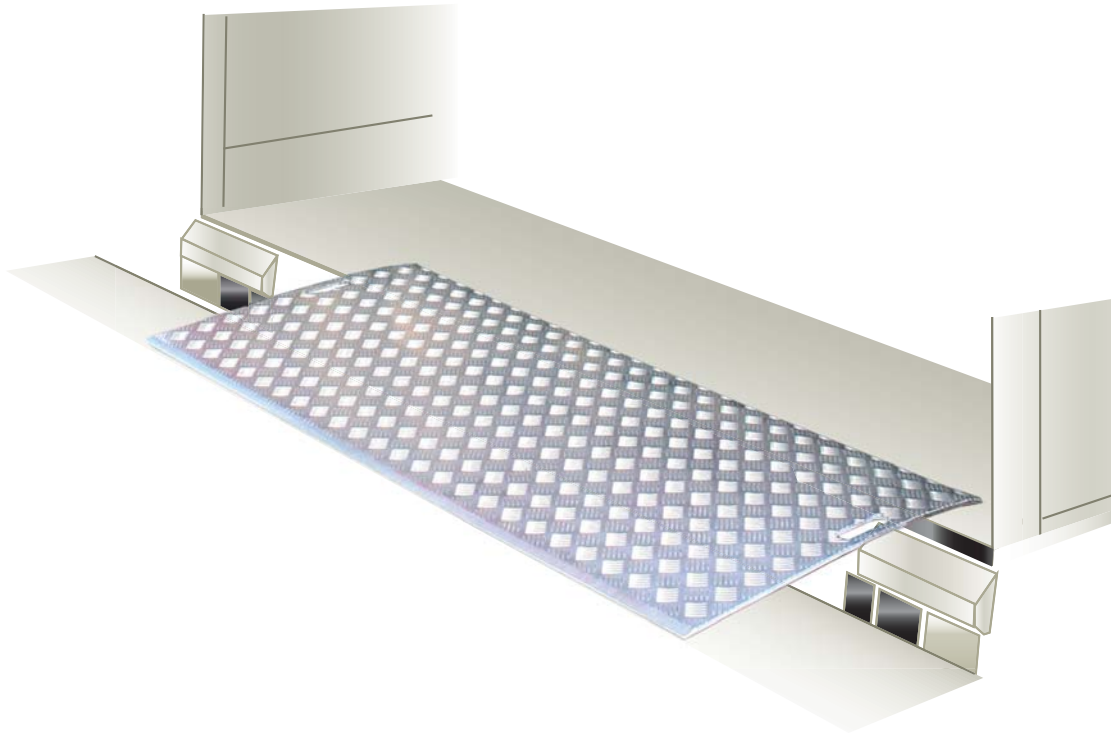
Dock plates also level out height differences perfectly between the tail lift and pavement or steps – handhold cutouts make transport and positioning an easy matter.



## Info box



The surfaces of our aluminium dock plates & dock boards ensure nonskid traversing, also in unfavourable weather conditions.



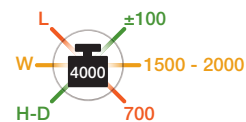
Type F 8771/10 - F 8771/20



Type F 8773/10 - F 8773/20



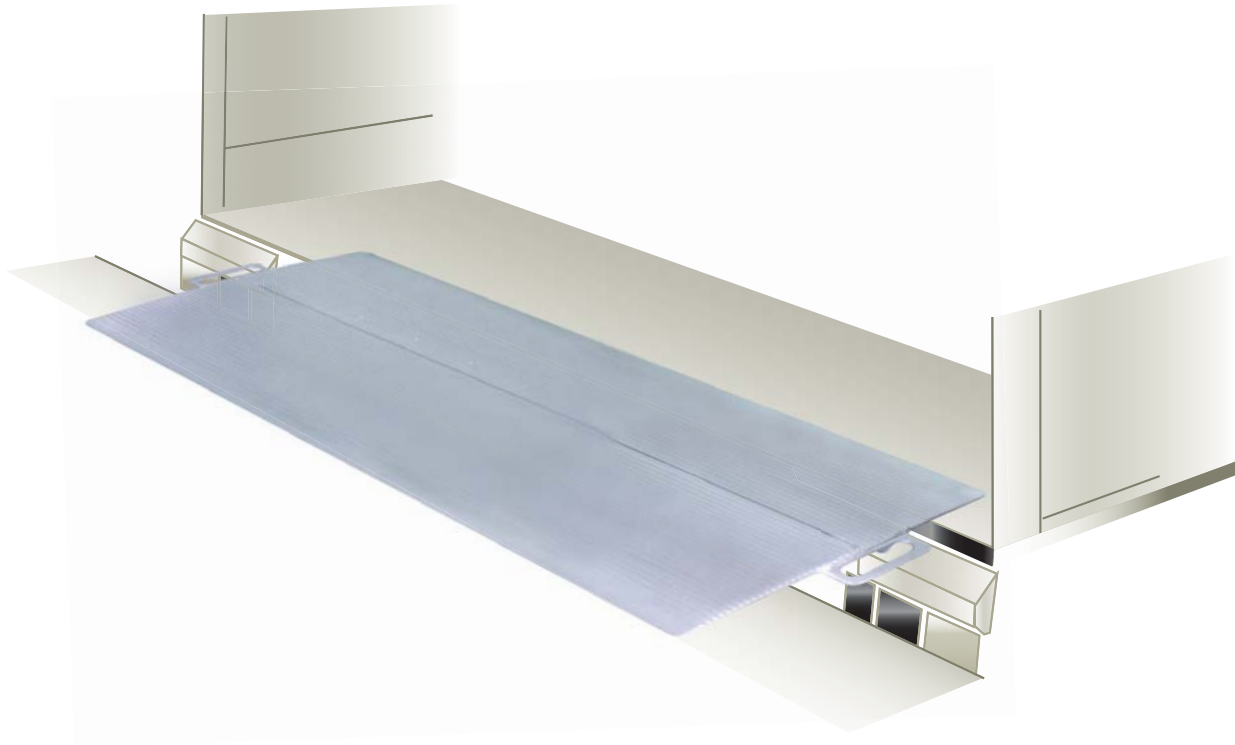
Type F 8773/15R - F 8773/20R



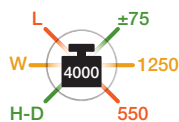
These variable dock plates require a minimum storage space in the incoming goods department, and are able to bridge height differences up to 100 mm.



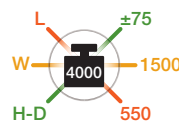
Depending on version, the dock plates are fitted with a central or full-width stop flange on the bottom side. It ensures precise and safe positioning.



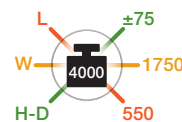
Type F 8779/1250



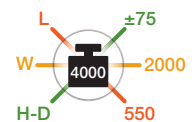
Type F 8779/1500



Type F 8779/1750



Type F 8779/2000



These curved dock boards level out height differences perfectly between truck loading platform and ramp. Welded-on handles make positioning an easy matter.



A full-width stop flange is welded to the bottom side for increased safety while traversing the dock board, e.g. with a forklift truck.



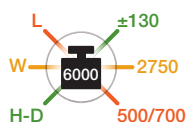
## Info box



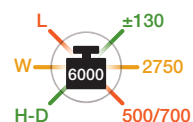
To assist drivers when backing up to the loading ramp, we recommend using the signal red docking bumpers. Vertical ribs inside the bumpers act as shock absorbers to prevent damage to the transport vehicles (page 123).



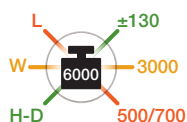
Type F 272013



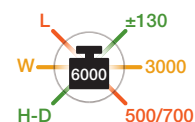
Type F 2720115



Type F 302213



Type F 3022115



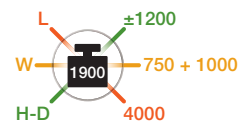
Ingenious and simple: The dock-edge leveller Type F 2720115 comes with signal red bumpers as standard, and “unfolds” effortlessly with the help of a lever.



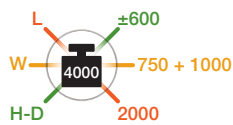
Smart solution: The folding dock-edge leveller Type F 272013 is fitted with black bumpers to assist drivers when backing up, and to prevent damage.



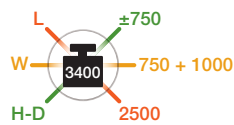
Type F 4007 + F 4010



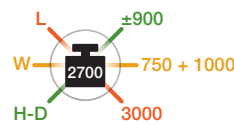
Type F 2007 + F 2010



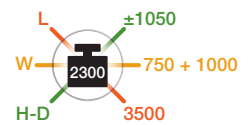
Type F 2507 + F 2510



Type F 3007 + F 3010



Type F 3507 + F 3510



Thanks to the standard wheels, the dock plate can be handled and positioned conveniently by a single person.



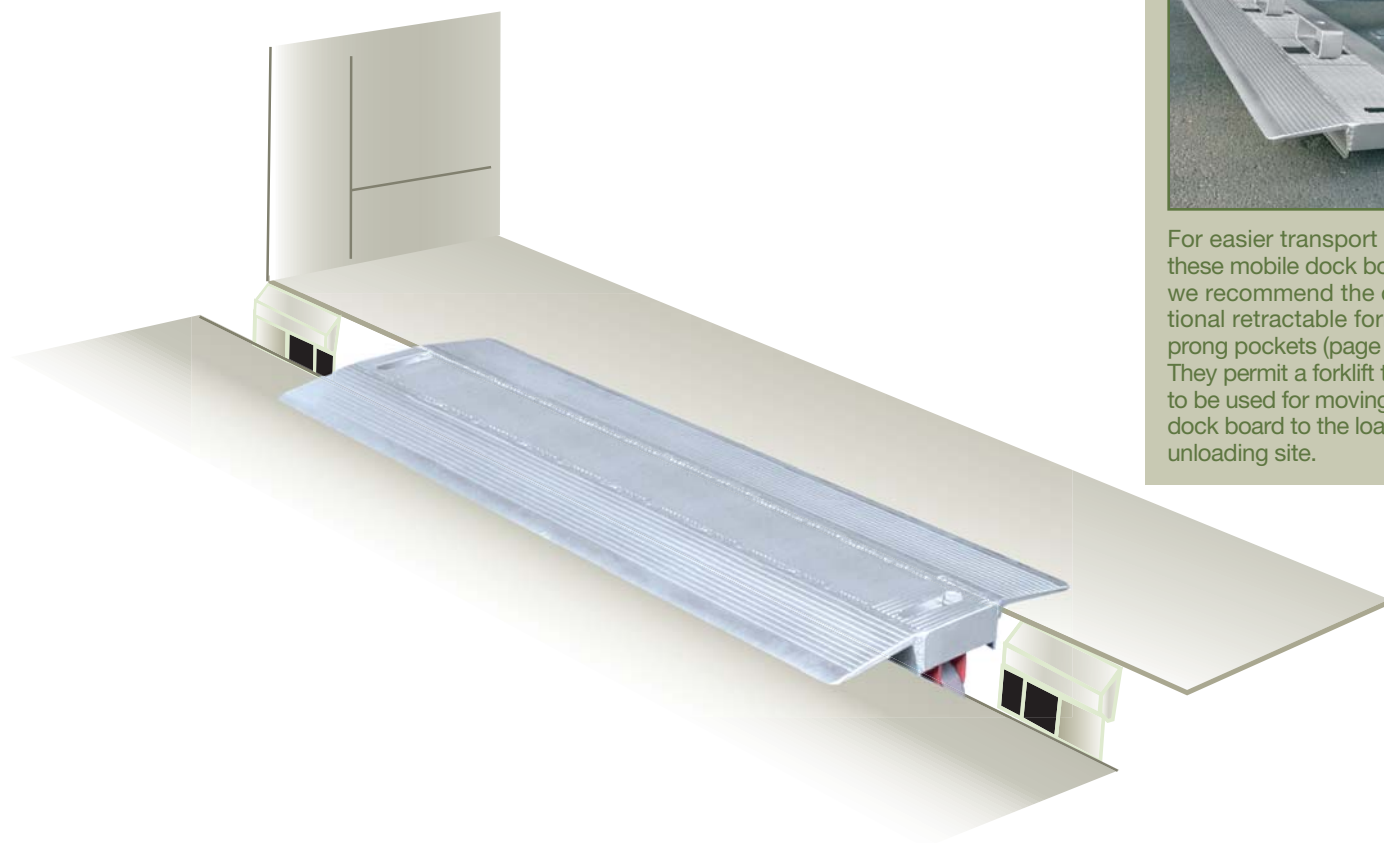
Moreover, the unique dual-hinged roll-on plate can be traversed easily and effectively with loads up to 4000 kg.



## Info box



For easier transport of these mobile dock boards, we recommend the optional retractable forklift prong pockets (page 123). They permit a forklift truck to be used for moving the dock board to the loading/unloading site.



Type F 720501 - F 720503



Type F 721001 - F 721003



Type F 721501 - F 721503

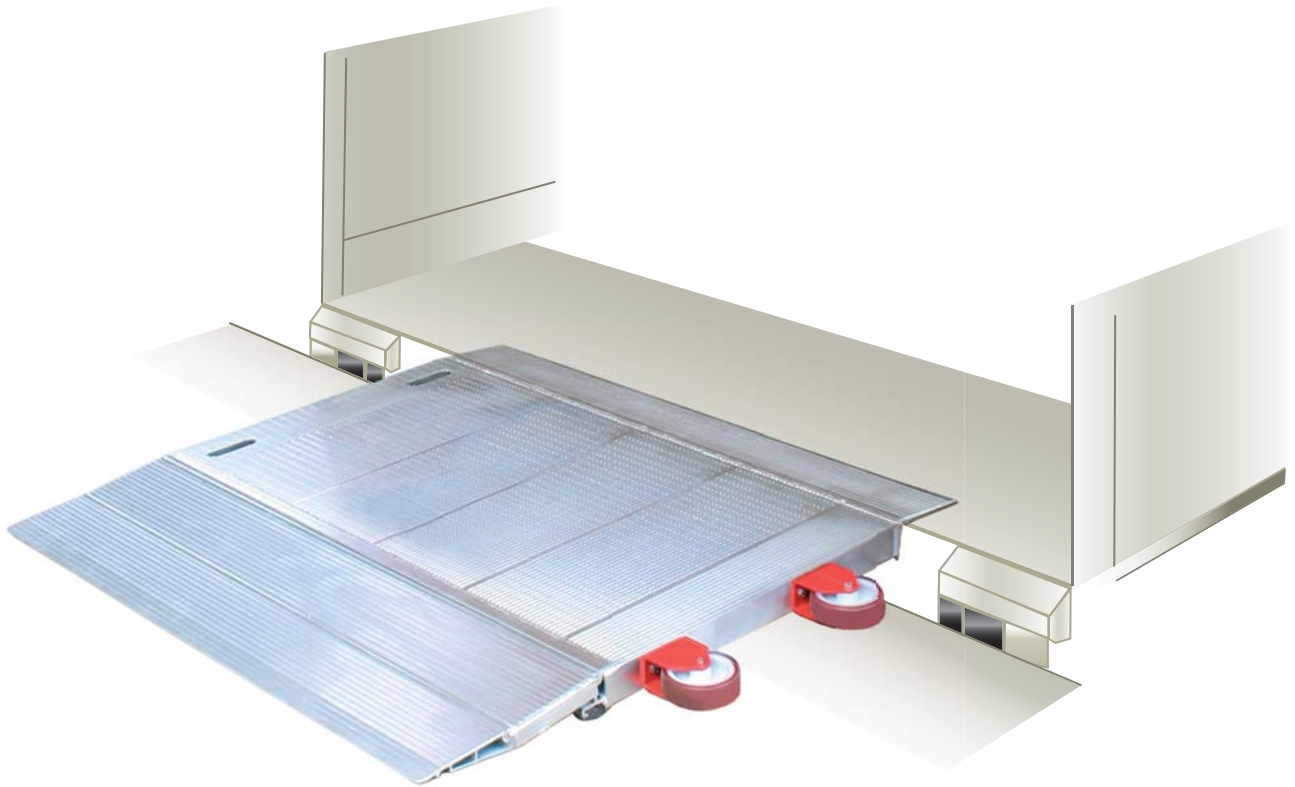


The dock boards are always located securely: Stop flanges underneath provide assistance during positioning and prevent the boards from sliding.

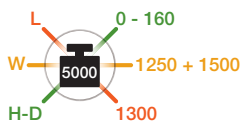


Handhold cutouts and the nylon/polyurethane wheel make transport and positioning an easy matter. That saves time and physical effort.

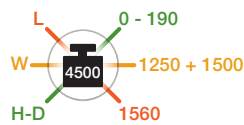
# 116 Vertically portable dock boards



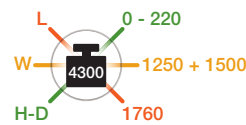
Type F 7005 + F 7010



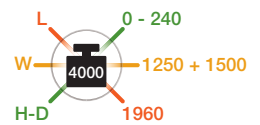
Type F 7025 + F 7030



Type F 7035 + F 7040



Type F 7045 + F 7050



A rubber profile under the supporting edge prevents the dock board from slipping and reduces noise.



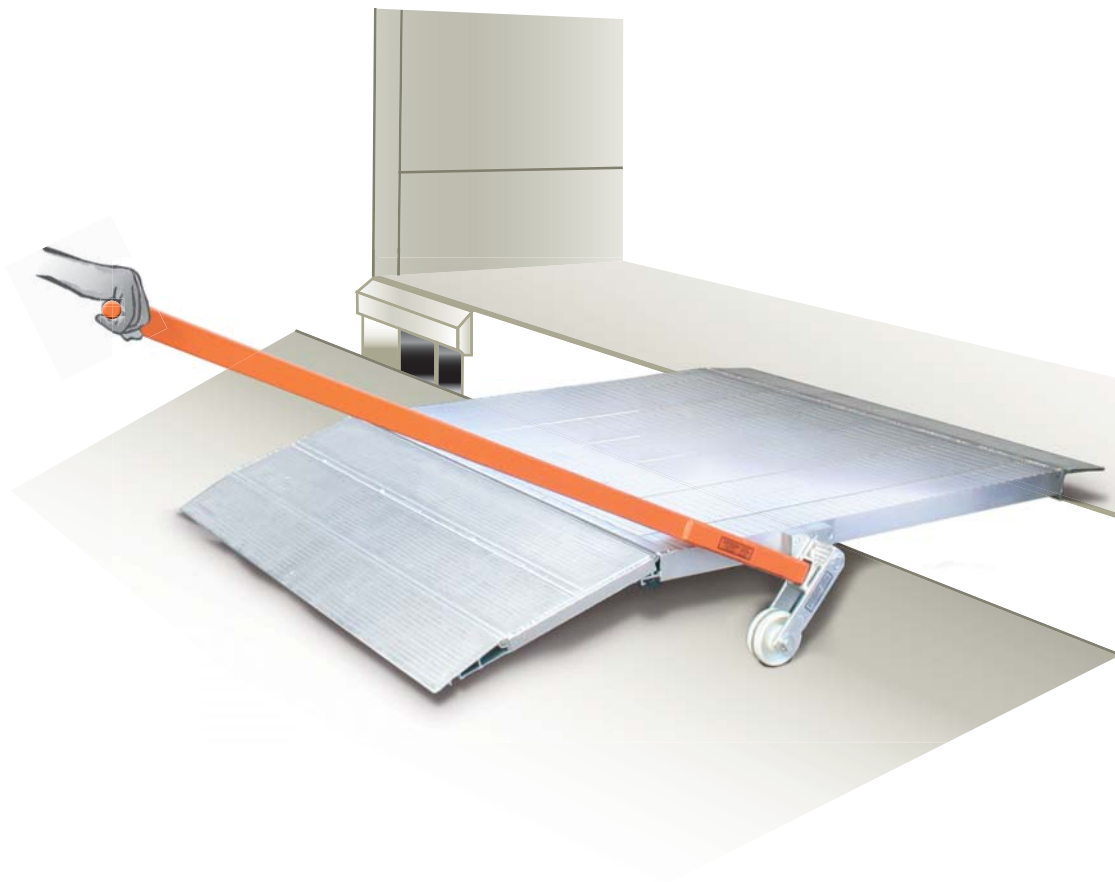
The unique dual-hinged roll-on plate adapts perfectly to the ramp and compensates unevennesses. This permits loads up to 5000 kg to be handled without problems.



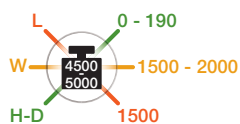
## Info box



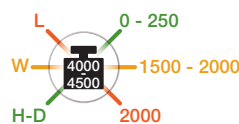
The unique, dual-hinged roll-on plate compensates unevennesses of the loading ramp, and a rubber profile under the supporting edge prevents the dock board from slipping.



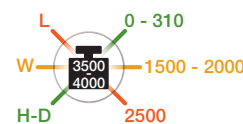
Type F 1515 - F 1520



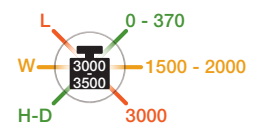
Type F 2015 - F 2020



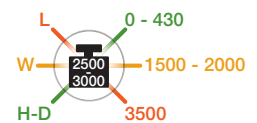
Type F 2515 - F 2520



Type F 3015 - F 3020



Type F 3515 - F 3520



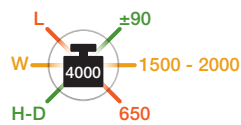
By means of the wheeled operating handle, these large dock boards are easy to manoeuvre, and can be positioned precisely by a single person.



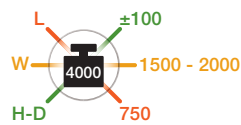
This dock board is the ideal solution in cases where there is no permanently installed loading/unloading aid, but flexibility must be ensured.



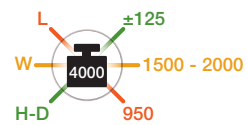
Type F 6515 - F 6520



Type F 7515 - F 7520



Type F 9515 - F 9520



Ready for use within seconds: The dock-edge leveller is hooked into a guide rail that is screwed or welded to the ramp, enabling it to be moved sideways easily (page 123).



In its vertical parking position, the leveller is secured automatically – it is released and lowered by means of an operating handle.



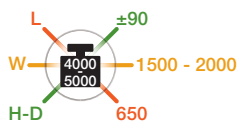
## Info box



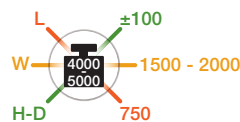
Rational down to the smallest detail: Angled roll-on/roll-off plates ensure smooth traversing when loading/unloading heavy goods.



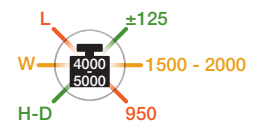
Type F 8860/6515 - F 8860/6520



Type F 8860/7515 - F 8860/7520



Type F 8860/9515 - F 8860/9520



All versions are fitted with an automatic latch that secures the leveller in the upright position, with controlled release by means of a foot-operated pedal.

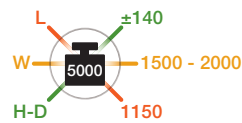


Perfect logistic solutions: Sliding hinges mounted in ball bearings enable these dock levellers to be moved easily to the optimum loading/unloading position.

# 120 Spring-loaded stationary dock levellers



Type F 8862/1115 - F 8862/1120



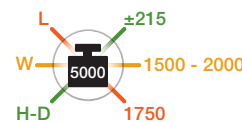
Type F 8862/1315 - F 8862/1320



Type F 8862/1515 - F 8862/1520



Type F 8862/1715 - F 8862/1720



Type F 8862/2015 - F 8862/2020



The classical dock leveller: These spring-loaded dock levellers are mounted firmly in the guide rails (page 123). The levellers are lowered by means of a chain with a handle. When not in use, the leveller is raised to the upright parking position, where it is secured by a spring mechanism – the mechanism is released manually.



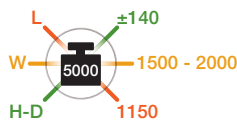
## Info box



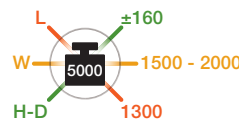
The matching guide rails for the different dock-edge levellers are shown on page 123. Should you have any questions – simply ask us.



Type F 8861/1115 - F 8861/1120



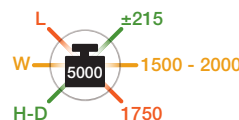
Type F 8861/1315 - F 8861/1320



Type F 8861/1515 - F 8861/1520



Type F 8861/1715 - F 8861/1720



Type F 8861/2015 - F 8861/2020

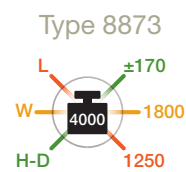
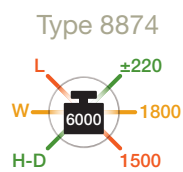


A guarantee for professional loading: The sliding levellers are lowered onto the truck's loading platform and raised to the parked position by means of a chain with handle.



The spring-loaded levellers come with cross-grooved treadplates and are mounted in ball bearings, which enables them to be positioned precisely and conveniently by a single person.

# 122 Stationary cantilever dock levellers



This heavy-duty dock-edge leveller is made of special aluminium alloy, and is lowered/raised by means of an operating handle.



Established in 40 years of practice-proven handling: The combination of enormous load capacity (6000 kg) and cantilever springs for reliable weight balancing.



Signal red docking bumpers assist truck drivers when backing up. Vertical ribs inside the bumpers act as shock absorbers – the spring-loaded bumpers give way during loading/unloading.

**Type F 9019010** (one bumper),  
(150 mm above ramp level)

**Type F 9019011** (one bumper),  
(250 mm above ramp level)



**Docking bumpers**

Signal red docking bumpers assist truck drivers when backing up. Vertical ribs inside the bumpers act as shock absorbers – the spring-loaded bumpers give way during loading/unloading.

**Type F 9019012** (one bumper),  
mounted at ramp height



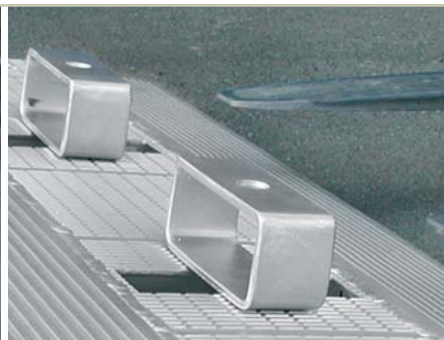
**Docking bumpers**

Smooth-running wheel Type 1067 is made of nylon/polyurethane and attaches to foldable loading ramp Type 8 772 20 (page 106). Assists in the ergonomic transport of dock boards to the working location. This saves time and supports the health of working personnel.



**Smooth-running wheel**

Retractable forklift prong pockets Type F 9019002 permit fast and easy transport to the working location. Available for Type F 720501- Type F 721503 (page 115).



**Forklift prong pockets**

Hot-galvanized guide rail with closed top for welding to the dock edge; the corresponding dock levellers – with or without counterbalancing springs and for particularly heavy loads – are fitted with ball bearings for easy sliding and a long service life without maintenance. For the dock-edge levellers on pages 119 to 121.

**Type F 6038861** for welded mounting



**Guide rail for dock-edge levellers**

Hot-galvanized guide rail with open top for bolting or welding to the dock edge – the dock levellers (page 118) slide sideways smoothly and are fitted with safety catches as standard.

**Type F 6016516** for bolted mounting  
**Type F 6016515** for welded mounting



**Guide rail for sliding dock-edge levellers**





# Order-picking carts & accessories



# Order-picking carts

Heavy loads moved easily, safely, and quickly: The use of high-quality, professional order-picking and four-wheel carts supports and improves productivity and efficiency during goods handling and transport. Our comprehensive range of carts and trolleys offers smooth-running, application-oriented solutions that are convenient and flexible. A decisive contribution for optimized logistic procedures.

## Convincing details – the modular system

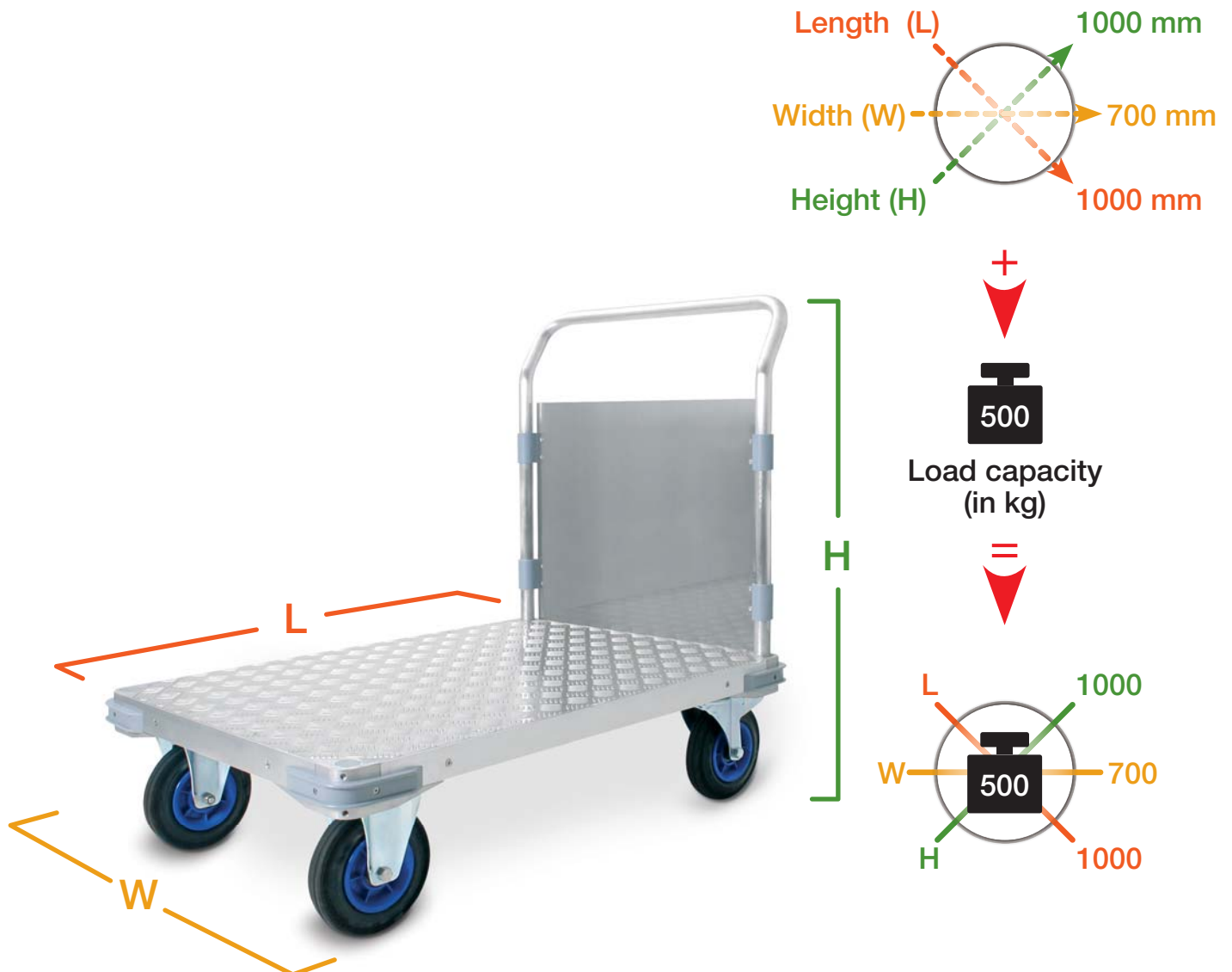
The most convincing arguments for our order-picking carts are the many application- and user-specific features: Various heights, sizes, materials (steel, aluminium, powder coated or bright galvanized), load capacities, several shelf levels, diverse load platforms, end panels, wire-mesh sides, storage compartments, notepad supports, extra shelves, universal baskets, plus a range of high-quality wheels and castors are just some of the numerous product options.

## Special features – the future is here!

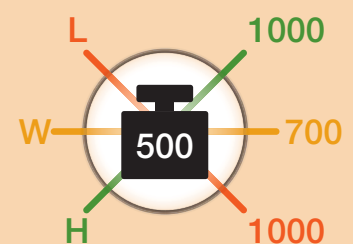
Particular highlights are the self-propelled order-picking vehicles that obey the user's natural, intuitive movements during manoeuvring, thanks to the smart touch2move drive technology. This enables your employees to move loads efficiently and at the same speed throughout the working day. What's more, it greatly improves employee motivation, and helps you comply with increasingly strict accident prevention regulations. All order-picking carts with a minimum width of 500 mm can be fitted with the smart touch2move drive technology (page 142).







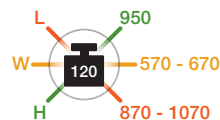
## In-Focus



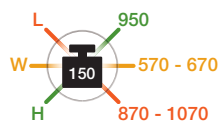
The In-Focus shows you the most important technical details of the different order-picking carts at a glance: Load capacity, length, width, and overall height. More detailed information is provided in the separate Technical Primer.



Type 90 5001 12 - 90 5017 12



Type 90 5005 12 - 90 5019 12



Seamless, deep-drawn shelf trays prevent the accumulation of dirt in crevices, and permit easy, hygienic cleaning of the service trolleys.

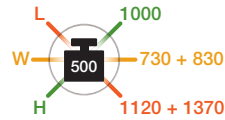


The Elastik wheels of these stainless steel shelf trolleys leave no marks on sensitive floors. Service trolleys are available with up to four shelves.





Type 910 632 76 + 910 642 76

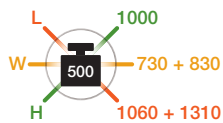


## Info box

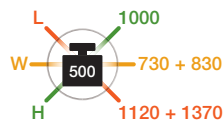


The aluminium four-wheel carts have a load platform with non-slip surface with five-bar profile – rounded corners with plastic bumper strips prevent damage to interior fittings. All versions are also available only with the push-handle, i.e. without side walls.

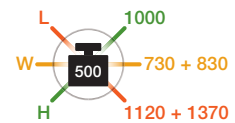
Type 910 631 76 + 910 641 76



Type 910 633 76 + 910 643 76



Type 910 634 76 + 910 644 76



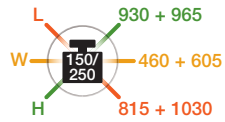
The aluminium four-wheel carts come with two fixed and two swivel castors. In accordance with EU Standard EN 1757-3, the swivel castors are fitted with arresters.



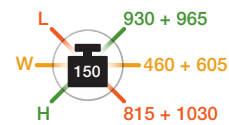
Smooth-running treadless tyres offer low rolling resistance. Optionally, this wheel is also available with a grey tyre (page 140) at no extra cost.

# 130 Carts with folding handle

Type 90 505 11 + 90 515 16



Type 90 516 11 + 90 517 16



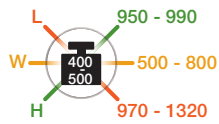
For easy in-house transport of loads up to 150 kg:  
Practical four-wheel cart – light and space-saving.



The push-handle folds down onto the load platform within seconds. This permits the cart to be parked in a minimum of space.



Type 90 525 16 - 90 545 20

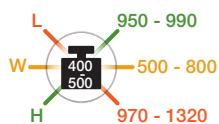


## Info box



Arresters on the high-quality wheels ensure safe loading/unloading of the cart – also on smooth or slippery floors.

Type 90 528 16 - 90 548 20



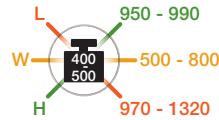
The solid-rubber wheels are fitted with high-grade roller bearings. Other wheels are shown on page 140.



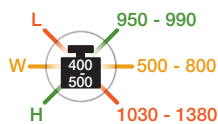
The side walls of the rugged box superstructure are 250 mm high to ensure safe goods transport. All four side panels can be individually removed upwards.



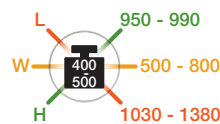
Type 90 521 16 - 90 541 20



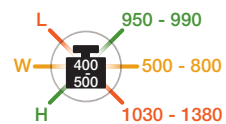
Type 90 522 16 - 90 542 20



Type 90 523 16 - 90 543 20



Type 90 524 16 - 90 544 20



Robust assistant for material picking: The powder-coated tubular steel construction has a durable, scratch & impact-resistant surface.



The modular system makes it possible: Depending on the application, the four-wheel carts can be fitted individually with the required number of side walls.



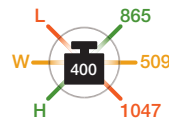
## Info box



The push-handle permits the trolley to be manoeuvred precisely.



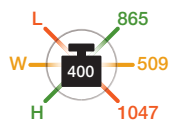
Type 90 2400 16



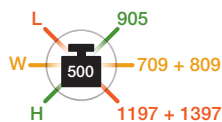
Type 90 2401 20 - 90 742 20



Type 90 2420 16



Type 90 733 20 + 90 743 20

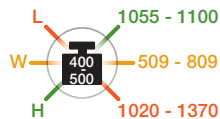


Whether in the office or workshop: Depending on the application, these table trolleys are available with load capacities of 400 kg or 500 kg.

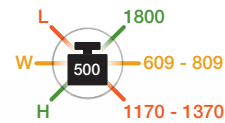


Platforms and shelves of the four-wheel trolleys are made of hard-wearing derived wood with a beech laminate finish.

Type 90 123 16 - 90 8103 20



Type 90 8321 20 - 90 8323 20



Transport on several levels: Highly practical, and with many advantages in terms of ergonomics and efficiency of work procedures.

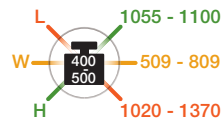


All shelves of this series are available with/without raised edges. We recommend the raised-edge version to ensure safe transport of sensitive goods.





Type 90 8110 16 - 90 8113 20



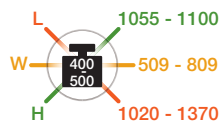
## Info box



The end frames are available in three different heights – either open or with vertical reinforcing struts spaced at about 130 mm.



Type 90 8130 16 - 90 8133 20

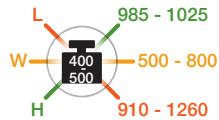


Shelf trolleys are ideally suited e.g. for distributing office materials. Thanks to the vertical struts, smaller parcels etc. cannot slip off the shelves.

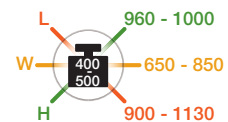


Arresters on the high-quality wheels ensure safe loading/unloading of the trolleys – also on smooth or slippery floors.

Type 90 1580 16 - 90 1583 20



Type 90 966 16 - 90 967 20



The uprights at the four corners permit unwieldy, heavy goods to be transported and manoeuvred conveniently. Hereby, the 750 mm high uprights serve as handles.

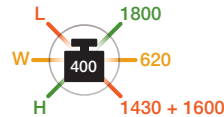


Efficient material transport: These versatile four-wheel carts are particularly space-saving, because they can be nested.





Type 90 4595 20 + 90 4596 20



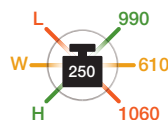
## Info box



Professional transport solutions for every application: The tyre trucks on page 78ff are ideal for the fast and convenient transport of stacked tyres.



Type 90 2722 12



With its angled supports, this cart has been specialized for order-picking or transporting tyres, e.g. in warehouses or tyre service shops.

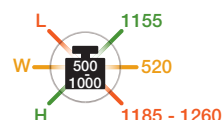


An ideal service assistant: Workshop cart with collecting tray and flush-mounted grating. This prevents contamination, e.g. from dripping oil

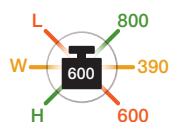
# 138 Scissor-lift platform truck & furniture dolly



Type 90 6833 10 - 90 6835 15



Type 90 6980 15



For working and assembly at a convenient height: The hydraulic pump is operated with a foot pedal. A lever on the push handle operates the lowering valve.



Furniture dollies with manual lifting screws permit a single person to transport heavy cabinets, crates, and other bulky items safely.

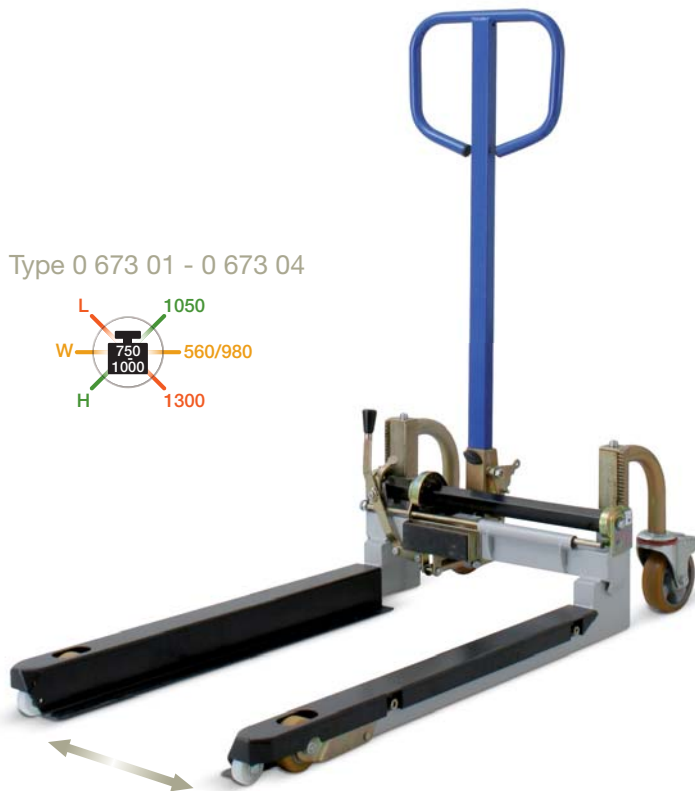
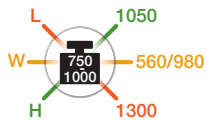


## Info box

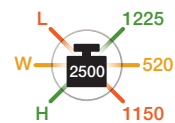


For the transport of ¼-size and ½-size pallets, as well as order-picking packaged goods from roller containers, we recommend the combination pallet lifter with adjustable forks on page 61.

Type 0 673 01 - 0 673 04



Type 0 674



The multi-purpose pallet lifter is suitable e.g. for lifting cabinets directly off the floor. Its extreme flexibility is also due to the sideways adjustable forks (400-825 mm).



Handles the toughest jobs up to 2500 kg: The pallet jack is indispensable when it comes to moving pallets quickly and efficiently.

# 140 Accessories for order-picking carts

Wheels with pneumatic tyres, 220 mm Ø, and load capacity 400 kg can be fitted to four-wheel carts with a width of min. 600 mm.

Type 90 79 98, for carts with 125 mm Ø wheels

Type 90 79 99, for carts with 160 mm Ø wheels

Type 90 79 00, for carts with 200 mm Ø wheels



Wheels with pneumatic tyres

Wheels with Elastik tyres and ball bearings

Type 90 12 86, 160 mm Ø

Type 90 79 87, 200 mm Ø



Wheels with Elastik tyres and ball bearings

Wheels made of polyamide: High loading capacity, easy running on smooth floors, highly resistant against dampness, salt, acids, and lyes.

Type 90 79 95, 125 mm Ø

Type 90 79 96, 160 mm Ø

Type 90 79 86, 200 mm Ø



Wheels of polyamide

Wheels with blue-grey solid rubber tyres, leave no marks on floors

Type 90 21 85, 125 mm Ø

Type 90 21 86, 160 mm Ø

Type 90 79 73, 200 mm Ø



Wheels with blue-grey solid rubber tyres

Wheels with electrically conducting solid rubber tyres (anti-static)

Type 90 79 75, 125 mm Ø

Type 90 79 76, 160 mm Ø

Type 90 79 77, 200 mm Ø



Wheels with electrically conducting solid rubber tyres

Bumper roller  
Type 90 79 81, 50 mm Ø; made of light grey plastic to prevent damage e.g. to door frames and furniture.



Bumper roller

Airelastik treadless wheel with two water and dust-proof deep-groove ball bearings – light grey, highly elastic, silent and smooth running, good shock absorption, non-marking on sensitive floors – suitable for all aluminium four-wheel carts on page 129.



Airelastik treadless wheel, 200 mm Ø

Smooth-running treadless wheel with two water and dust-proof deep-groove ball bearings – silent running, highly elastic, very low rolling resistance – suitable for all aluminium four-wheel carts on page 129.



Smooth-running treadless wheel, 200 mm Ø



**Four swivel castors**  
Type 90 7988, two of them with arresters – instead of two fixed and two swivel castors, makes the cart extremely manoeuvrable.



**Four swivel castors**

**Bumper strip**  
Type 90 7989, plastic profile, surrounds the cart's base frame



**Bumper strip**

**Wire basket** Type 90 00 90 for small items, aluminium silver (powder coated), L x W x H: 600 x 140 x 200 mm



**Wire basket**

**Notepad support**  
Type 90 1147, made of wood, with clip for DIN A4 portrait notepads, and pen stop.  
Type 90 1148, made of wood, with clip for DIN A4 landscape notepads, and pen stop.



**Notepad support**

**Roller table with mounting frame** Type 90 68 90 (rigid), frame of steel profiles, powder coated, with mounting brackets and two flip-up stops. Nine steel rollers in ball bearings, 57 mm Ø, length 430 mm, load capacity 500 kg.



**Roller table with mounting frame**

**Roller table with turntable** Type 90 68 91 (rotatable), attached to platform with screw clamps, rotates through 360°, lockable. Six steel rollers in ball bearings, 57 mm Ø, length 430 mm, load capacity 500 kg.



**Roller table with turntable**

# 142 The future is here!

For EXPRESSO, individuality is standard. In addition to the manual transport devices, our unique powered goods-handling and transport equipment puts a finishing touch to our product range. Customer-specific solutions designed and built by our experts are used for countless applications in trade and industry. We supply future-oriented logistics solutions – made in Germany.

## touch2move – the patented drive concept

Fast order picking and transporting without delays are ensured by the intelligent touch2move drive concept. Simply touching the sensor handles is enough to turn the strenuous work of moving heavy loads into child's play. Without the need for a driving license or special training and without any physical effort, heavy loads are handled and manoeuvred safely and ergonomically – in compliance with increasingly strict accident prevention regulations, of course.

## Loads up to 2500 kg moved without effort

The LEO is a compact tug that combines the unique, patented touch2move drive concept with the principles of motorized 'walkie' ground transport equipment using tiller handle control. This trend-setting unit closes a handling gap that could previously be overcome only by means of bulky transport equipment such as forklifts and electric pallet trucks, or with considerable physical effort using manual pallet trucks.

**EXPRESSO – for us, individuality is standard!**





During a full working day, even less strenuous activities represent a strain on the spine. The Multi-Performance Lift provides lifting heights between 975 and 1725 mm, positions every load with high precision, and ensures uniform working conditions in terms of speed and physical effort.

Typical application areas of the Multi-Performance Lift are lifting, handling, and transport of loads weighing up to 125 kg, e.g. standardized containers. The range of lifts is complemented by numerous accessories, such as assembly assistants for easier loading of machines & shelves or for emptying containers.



**Multi-Performance Lift – Universal lifting aid for standard handling operations**

With the BalanceLift, loads up to 300 kg can be 'balanced' easily, with flexible lifting heights between 0,3 and 3 m. Depending on the control unit, lifting/lowering operations can be controlled with or without function keys. The user is in perfect, precise control of the handling operation – without any physical effort.

Thanks to its user and application-oriented configuration, the balancer is able to solve your handling tasks ergonomically and efficiently.



**BalanceLift – perfect, precise, and effortless goods handling**

Thanks to easy transport to different operating sites with a forklift truck or a pallet jack, the BalanceCrane can be used immediately and flexibly, thereby offering advantages in terms of productivity and competitiveness. The modular crane system comes with a 2000 or 3000 mm boom for handling 65 or 100 kg loads, whereby the telescopic mast provides variable lifting heights for optimum adaptation to the workplace. The only technical requirement for using the BalanceCrane is a compressed air supply (6 bar). Individual adaptations for special applications as well as versions for wall, column, or floor mounting are designed by EXPRESSO in close cooperation with our customers.



**BalanceCrane – Modular crane system for flexible, customer-specific applications**



## Typically EXPRESSO: Clever, application-oriented solutions!

Our products contribute decisively to optimized and more productive logistic procedures. Visit our website [www.expresso.de](http://www.expresso.de) for a complete presentation of our comprehensive product range for goods handling. We will be pleased to send printed material on request.

EXPRESSO's baggage handling equipment is used in more than 140 airports, railway stations, and cruise terminals worldwide. All of these operators place great importance on future-oriented service concepts aimed at meeting the demands of passengers who want to transport their baggage through the terminals easily and without stress when travelling on business or pleasure.

## Baggage carts

EXPRESSO baggage carts have been assisting passengers with their luggage since 1968. Our comprehensive range of baggage carts leaves nothing to be desired: Whether in terminals, in the duty-free area, on walkalators or escalators – our convenient quality products are indispensable, safe, and reliable partners that ensure smooth passenger flows and productive services. Our separate website [www.expresso.aero](http://www.expresso.aero) provides detailed information about the different baggage cart types and versions, accessories, and worldwide references.

## Baggage cart dispensing systems

In order to remain profitable in the face of increasing competition, airports, railway stations, and cruise terminals must examine the cost-effectiveness of their operations. EXPRESSO's baggage cart dispensing systems help to reduce service costs and also generate revenue. All over the world, these lucrative systems make a substantial financial contribution to the costs of baggage cart management.

**EXPRESSO – for that extra plus in efficiency**





More than 120.000 premium quality baggage carts are ensuring smooth operations in airport terminals world-wide. In combination with cart retrieval, dispensing, and rental, this results in a perfect cart management system. Hereby, passenger safety aspects and the demands placed by airport operators play a decisive role.



## Landside baggage carts

Elegance and mobility: EXPRESSO's optically appealing and compact baggage and shopping carts fit perfectly into the duty-free and shopping world of airports and rail stations. They are extremely manoeuvrable, highly stable, and perfectly nestable.



## Airside baggage carts

Up stairs, down stairs – functionality keeps the promise of design: Escalator baggage carts combine the convenience and manoeuvrability of standard baggage carts with the safety components required for escalator use, packaged in an appealing design.



## Escalator baggage carts



**Typically EXPRESSO: Rational, system-oriented solutions!**

Visit [www.expresso.aero](http://www.expresso.aero). Our separate website provides detailed information about baggage carts and management systems. We will be pleased to send printed material on request.

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