



## Airport Solutions

First class travel starts here







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## First Class Travel Service

## Experience since the early 70s

At Wanzl, we know what people will want tomorrow. As a world market leader for shopping trolleys, we provide exactly the right answers when it comes to transporting luggage at airports, seaports, railway stations and hotels too. In the fast-paced world of international travel, passengers expect things to run quickly, smoothly and simply. That's precisely why many of the world's biggest airports now rely on the first-class equipment provided by world market leader Wanzl.



#### Luggage transport trolleys for more than 50 years.

The Wanzl luggage transport trolley, a robust and extremely sturdy trolley for the railway stations of today, has been tried and tested for many years and has also defied extreme weather conditions. The genes of this forefather continue to exert their influence in today's modern trolley for airports, seaports, railway stations and hotels.



■ Today, Wanzl employs more than 4,600 employees at eleven production sites worldwide. We continuously expand our portfolio and adapt it to today's requirements. A luggage trolley for an individual customer is just as important as trolley management. Wanzl assists passengers and staff in all areas – in service, safety and sales.



# The world is changing. Take advantage of it!

■ Wanzl products are unique. Wanzl's specialist competence, consistency, reliability and innovative solutions and technologies ensure effective work processes. In addition to our luggage transport trolleys, which are used and trusted the world over, we also offer a variety of customer-specific solutions to ensure complete passenger satisfaction.



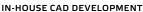




## Quality\_MADE BY WANZL

## Wanzl sets standards for quality and design







CONSIDERABLE MANUFACTURING DEPTH



**EXCELLENT PRODUCT SYSTEMS** 

- The range of Wanzl luggage transport trolleys, trolley management systems, porter trolleys, entrance and exit systems and service products is always expanding. But all the models and systems have one thing in common a name that guarantees safety and quality: Wanzl.
- **Planning** is supported by Wanzl's experience and know-how. During production, Wanzl can rely on high-quality materials, perfect processing and considerable manufacturing depth in-house. This enables us to always meet our own high expectations for product quality, short delivery times and delivery readiness.
- Our high quality standards ensure long-term, virtually maintenancefree use and investment security. Modern testing methods ensure impeccable functionality and durability.

## Wanzl guarantees

■ In addition to the statutory warranty, Wanzl offers a reliable and flexible network of qualified service engineers who will be only too willing to help you if required.



## Wanzl Quality Highlights

## Premium quality down to the finest detail

## Materials and quality surfaces

- Wanzl uses only superior materials such as highquality thick tubing
- Top-quality workmanship in-house and surface coating
- UV-resistant plastics for proprietary highly impactresistant plastic parts

**Extremely long product life spans** – resulting in very low maintenance and repair costs (total cost of ownership).

**High corrosion resistance** due to multi-layered, extremely resistant surface coating.



#### **EXEMPLARY FINISHES**

Zinc and transparent powder layer

Zinc and transparent dip coating



### Antibacterial handles

**All plastic powder-coated Wanzl handles** have an antibacterial coating. To maintain hygiene.



### Quality brake system

- Perfect braking due to metallic brake shoe on the natural rubber surface of the castor
- Minimal wear as braking only occurs on the sides of the castor with no effect on the tread
- Brake adjusts itself to ensure a consistent braking force



## Wanzl bonded-on quality castors

- Three-year warranty
- Natural rubber tread
- Minimal wear
- Non-chalking (leaves no residue)
- Double-sealed industrial ball bearing



Noise-damping plastic

Natural rubber tread, non-chalking



# **Specifications**

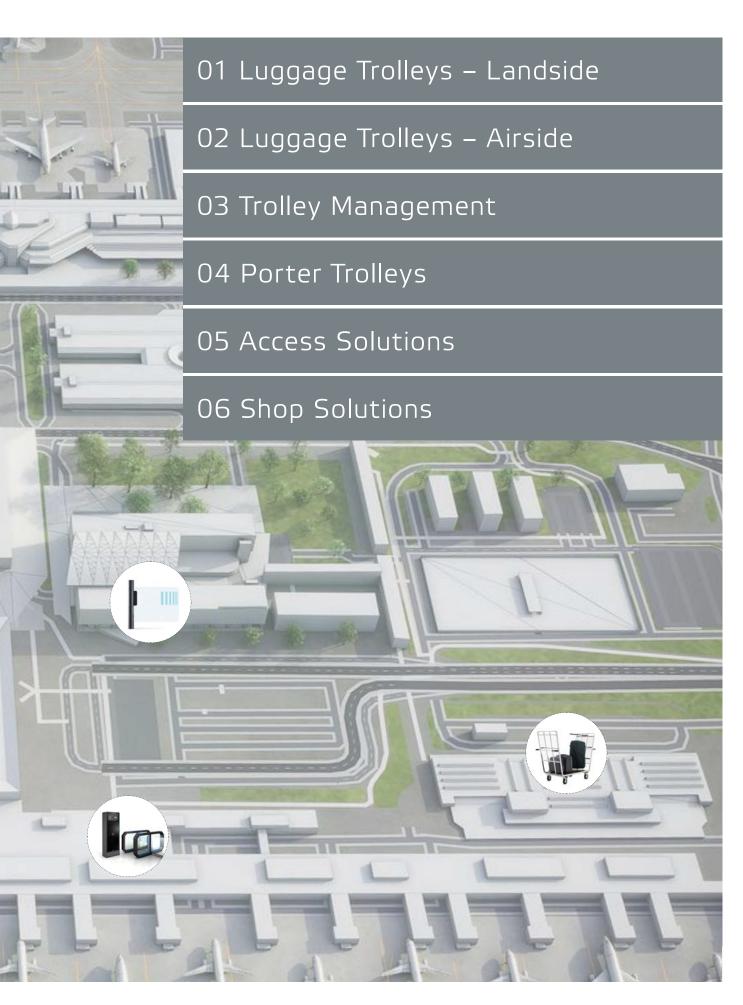
## Trolleys – overview

		Length x width x height		Alu- mini-	Stain- Iess	Dynamic load capacity	Stacking depth	Weight	Advertising		Auto- matic	For travela-
Model	Page	(mm)	Steel	um	steel	(kg)	(mm)	(kg)	space (cm²)	Castors	brake	tors
Landside												
Voyager Evolution 3000	14 - 15	1,080 x 673 x 1,050		c		120	265	18	5146	2 fixed castors 1 swivel castor	c	c
Voyager Evolution 3000 BL	16 - 17	1,080 x 673 x 1,050		c		120	265	18	5146	2 fixed castors 1 swivel castor	c	c
Travel 300	18-19	950 x 640 x 1,020	c		c	200	250	23	4255	2 fixed castors 1 swivel castor	c	c
Travel 300 BL	20-21	980 x 640 x 1,020	c		c	200	265	26	4683	2 fixed castors 1 swivel castor	c	c
Travel 400	22-23	1,015 x 603 x 1,020	c		c	250	335	26	3515	2 fixed castors 2 swivel castors	c	c
Eurosprinter	24-25	1,160 x 720 x 1,075	c		c	330	330	41	2030	2 fixed castors 1 double swivel castor	c	
Tourist 3000	26	994 x 636 x 1,042	c			200	266	22	4320	2 fixed castors 1 swivel castor	c	c
Airside												
Airport- Shopper NG	30	695 x 530 x 1,000	c			80	200	13	2200	4 swivel castors		
Easy 88	31	640 x 534 x 1,000	c			80	220	16	1953 (2x)	4 swivel castors		
Easy 400	32	655 x 560 x 995	c		c	80	270	14	3860	2 fixed castors 2 swivel castors		c
Kiddo <sup>®</sup>	33	750 x 594 x 1,000	c			30	230	12	-	2 fixed castors 2 swivel castors		
Kiddolino	34	907 x 527 x 1,054	c			65	400	15	-	4 swivel castors		











# 01 Luggage Trolleys – Landside





## 01 Luggage Trolleys – Landside

## The right trolley for your passengers

- Luggage trolleys for different requirements: Landside trolleys can transport large items of luggage long distances without any problems. They are easy to push even when heavily loaded and are also available in designs suitable for escalators if these are required due to the facilities at an airport.
- The high-quality craftsmanship in all Wanzl luggage transport trolleys is synonymous with our company. Our high-quality products also continue to function perfectly for years. We guarantee to provide Wanzl original spare parts quickly in the long term via our after-sales service.



## 01.01 Voyager Evolution 3000

A trolley with a uniquely elegant design and the highest standard of quality

- > Lightweight trolley for pushing rows of luggage trolleys
- > Extended platform for transporting large amounts of luggage
- > Ergonomic handle with antibacterial powder coating



**VOYAGER EVOLUTION 3000** Luggage transport trolley

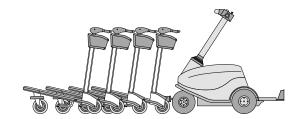


## 01.01 Voyager Evolution 3000

■ The Voyager Evolution 3000 stands out visually with its revolutionary design and impresses with its functions, which include an extended platform for luggage, a hybrid basket, extended bumper protection, an antibacterial powder-coated handle for better hygiene, and the long-time tried-and-trusted, maintenance-free brake system – as well as the most reliable castors in the world.

#### Push function

With the fully manoeuvrable Voyager Evolution 3000 model, it is possible to move rows of luggage trolleys even in the narrowest of spaces or to push them using scooters.



### Hybrid basket

The unique basket design offers the largest possible advertising space and allows for the integration of several types of RFID device for optimum fleet management.



## Extended bumper protection

The trolley features an allround bumper guard, ensuring ideal protection for fittings, fixtures and the trolley itself.



#### Voyager Evolution 3000 Advertising space: 500 x 80 mm 505 x 135 mm 100 x 80 mm 525 x 320 mm 40 x 680 mm. 10 Voyager Evolution 3000: 3465 mn Can be nested to save space Order no. Static/dynamic load capacity 250 kg / 120 kg Nesting depth 265 mm Weight 18 kg Advertising space 5,146 cm<sup>2</sup> Castors 2 fixed castors / 1 swivel castor 180 mm Castor diameter Trolley material Anodised aluminium Aluminium and plastic, colour of plastic parts RAL 9005\* Basket material Automatic brake Self-adjusting Adapter for vending unit C Coin deposit system C Travelator castor C Folding bracket C Handling: Push function with scooter, radius 4,000 mm Push

<sup>\*</sup> Other colours available on request



## 01.02 Voyager Evolution 3000 BL

A trolley with a uniquely elegant design and the highest standard of quality

- > Lightweight trolley for pulling rows of luggage trolleys
- > Extended platform for transporting large amounts of luggage
- > Ergonomic handle with antibacterial powder coating



**VOYAGER EVOLUTION 3000** Luggage transport trolley

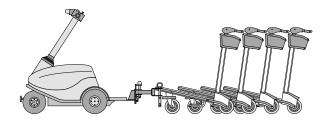


## 01.02 Voyager Evolution 3000 BL

■ The Voyager Evolution 3000 BL is the first choice for luggage trolleys to be scooter-towed in long rows. Its revolutionary design impresses with an extended platform for luggage, a hybrid basket, extended impact protection, an antibacterial-coated handle, the long-time tried-and-tested, maintenance-free brake system and the world's most reliable castors.

### Pull function

With the Voyager Evolution 3000 BL model, it is possible to efficiently pull long rows of luggage trolleys using scooters – with extremely low castor abrasion.



### Hybrid basket

The unique basket design offers the largest possible advertising space and allows for the integration of several types of RFID device for optimum fleet management.



## Extended bumper protection

The trolley features an allround bumper guard, ensuring ideal protection for fittings, fixtures and the trolley itself.



Voyager Evolution 3000 BL					
705 1080 10 Voyager Evolution 3000: 3465 mm Can be nested to save space	Advertising space: 500 x 80 mm				
Order no.	05.84073.95				
Static/dynamic load capacity	250 kg / 120 kg				
Nesting depth	265 mm				
Weight	18 kg				
Advertising space	5,146 cm²				
Castors	2 fixed castors / 1 swivel castor				
Castor diameter	180 mm				
Trolley material	Anodised aluminium				
Basket material	Aluminium and plastic, colour of plastic parts RAL 9005*				
Automatic brake	Self-adjusting				
Optional accessories					
Adapter for vending unit	C				
Coin deposit system	C				
Travelator castor	C				
Folding bracket	C				
Handling: Pull function with scooter, radius 4,000 mm	Pulling				

<sup>\*</sup> Other colours available on request



## 01.03 Travel 300

## The stylish all-rounder

- > Bestseller with low nesting depth
- > Maintenance-free, self-adjusting brake
- > Reliable companion for transporting luggage





## 01.03 Travel 300

### ■ The tried-and-tested construction with stable luggage support,

effective brake mechanism with a self-adjusting, maintenance-free brake and exemplary reliability make the Travel 300 a worldwide bestseller.

## Articulated cap

Tight fit, easy to maintain and simply pleasant to handle.



## Bumper

The all-round bumper protects the interior décor against damage.



## Safety

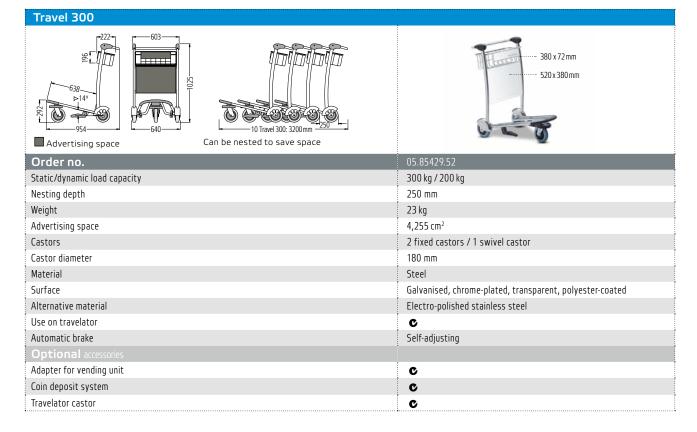
Operating instructions are on the handle and inside the large basket for hand luggage.



#### Antibacterial

Wanzl handles have an antibacterial plastic powder coating to maintain hygiene.







## 01.04 Travel 300 BL

## The premium model

- > Automatic braking upon nesting
- > Quick and safe manoeuvring of trolley clusters by service personnel
- > High-quality workmanship with well thought-out detailed solutions



Pat. pend.

**TRAVEL 300 BL** Landside luggage transport trolleys



## 01.04 Travel 300 BL

■ Premium technology packed into a timeless premium model. The Travel 300 BL sets itself apart with its well thought-out detailed solutions: high-quality workmanship, automatic brake release upon nesting, castors in direct contact with the ground and much more besides. The result: satisfied passengers and a quick and secure way for service staff to manoeuvre multiple nested trolleys.

### Small turning circle

Extended stacking spacer guarantees a smaller turning circle.



### Airport Scooter

Nested trolleys are easily pulled along by the Airport Scooter.



## Safety

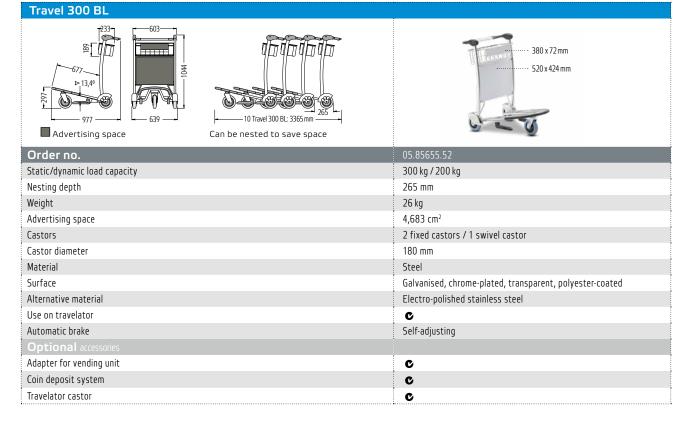
Operating instructions are on the handle and inside the large basket for hand luggage.



#### Antibacterial

Wanzl handles have an antibacterial plastic powder coating to maintain hygiene.







## 01.05 Travel 400

The classic from Wanzl

- > Automatic braking upon nesting
- > Design with four castors
- > Generous luggage platform



**TRAVEL 400**Landside luggage transport trolleys



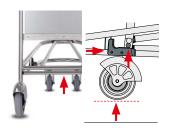
## 01.05 Travel 400

#### ■ The four-castor design that has been tried and tested all over the

**world.** The Travel 400 series shows why: The robust, durable construction with a generous luggage platform and extreme stability when heavily loaded make this the perfect trolley, especially under extreme conditions.

#### Low wear

Minimal castor wear when pushing or pulling nested trolleys due to the brake release feature.



### Folding bracket

Optional as extra luggage restraint.



## **Optional**

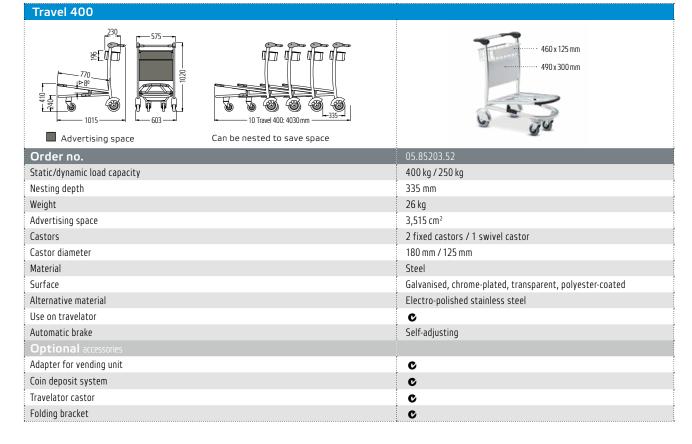
Design with three castors: Travel 400/3 with a 180 mm diameter castor at the front.



#### Antibacterial

Wanzl handles have an antibacterial plastic powder coating to maintain hygiene.







## 01.06 Eurosprinter

The safe way to transport luggage on escalators

- > Solid appearance, manoeuvrable
- > Maximum comfort when transporting on escalators
- > Automatic braking upon nesting



Pat. pend.



## 01.06 Eurosprinter

■ Solid appearance, manoeuvrable and safe: These are the attributes of the Eurosprinter, offering passengers optimum convenience and safety as they transport their luggage on escalators.

### Safety

Luggage is transported safely on a virtually horizontal loading area when using escalators.



## Airport Scooter

Nested trolleys are easily pushed and pulled along.



### Low wear

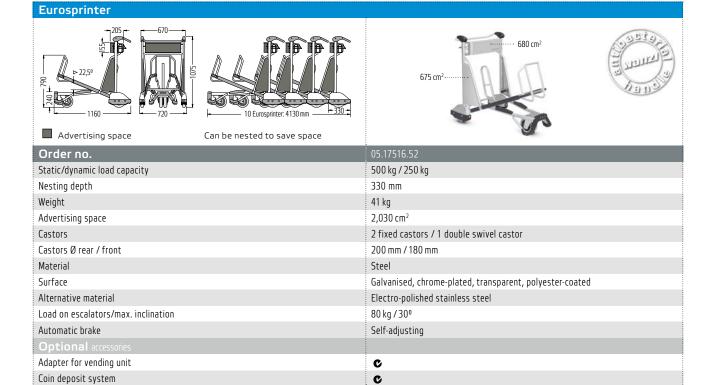
Minimal castor wear when pushing or pulling nested trolleys due to the brake release feature.



## Plastic profiles

Provide additional protection for the interior décor against damage.







## 01.07 Tourist 3000

Our well-priced entry-level model

- > Galvanised steel trolley at an attractive price
- > Maintenance-free, self-adjusting brakes
- > Compatible with competitor trolleys



■ The Tourist 3000 luggage trolley is an entry-level model in Wanzl quality. It can be combined with various trolleys and is virtually maintenance-free.

### Bumper

For protecting the interior décor against damage.



Tourist 3000	
215 548 25 636 26 10 Tourist 3000: 3379 mm 266 26 26 26 26 26 26 26 26 26 26 26 26	
Order no.	05.62716.52
Static/dynamic load capacity	300 kg / 200 kg
Nesting depth	265 mm
Weight	22 kg
Advertising space	4,320 cm <sup>2</sup>
Castors	2 fixed castors / 1 swivel castor
Castor diameter	180 mm
Material	Steel
Surface	Galvanised, chrome-plated, transparent, polyester-coated
Automatic brake	Self-adjusting
Use on travelator	C
Handling: Push function with scooter	Push
Optional accessories	
Adapter for vending unit	C
Coin deposit system	C
Travelator castor	C



## 01.08 Customised Solutions

Our special solutions for special cases

In addition to our standard products which are proven around the world, we also develop special solutions on request. Recent examples of some of our work are featured on this page.

#### Combi C400

The Combi C400 luggage trolley perfectly complements existing fleets, as it can be combined with other models. The four swivel castors guarantee that the trolley stands securely and enable service personnel to move it sideways during in-line transport or when loading trucks.





### Travel 300 in a high version

A globally unique system ensures that the brakes are lifted during nesting and that the trolleys can thus be optimally moved together. The curved handle provides additional safety when exiting the travelator, as the brake is automatically released when getting onto the travelator.





#### Combi E300

The Combi E300 luggage trolley perfectly complements existing fleets, as it can be combined with competitor models. Thanks to the use of high-quality, galvanised steel, the trolley is equipped for heavy use at the airport.







# 02 Luggage Trolleys – Airside





## 02 Luggage Trolleys – Airside

# Convenient shopping in the duty-free area and relaxed travel with children

- Our airside trolleys transport hand luggage as well as purchases from the duty-free shop. They are small and manoeuvrable, making them ideal for use in busy areas. The standard bottom tray offers plenty of space for hand luggage. Passengers can therefore use the full basket volume to accommodate many purchases.
- Wanzl also offers convenience for little globetrotters. For stress-free time in the terminal, we offer children's trolleys in our range for families. They relieve the burden on parents during long journeys through the terminal and are a selling point for family-friendly airports.



## 02.01 Airport Shopper NG

Attractive and timeless design

- > Two customisable advertising spaces
- > Bottom tray featured as standard
- > Large bumper rail

Airport Shopper NG



■ The elegant Airport Shopper NG is fitted with a basket with closed sides and offers a large volume for purchases. The Wanzl swivel castors guarantee easy manoeuvrability, while a bumper rail made of high-quality plastic protects the interior décor from damage.

### Quality castors

Original Wanzl swivel castors with rubber tread and plastic deflector rings guarantee easy handling.



## Equipment

Remodelled bottom tray designed to prevent hand luggage from slipping.



## **Optional**

Optional folding child seat with plastic seat.



Advertising space  Advertising space  Can be nested to save space	
Order no. Version WITH child seat	05.73452.52
Order no. Version WITHOUT child seat	05.73451.52
Length x width x height	685 x 530 x 1,000 mm
Static/dynamic load capacity	180 kg / 80 kg
Nesting depth	200 mm
Weight	15 kg
Advertising space	2,200 cm <sup>2</sup>
Castors	4 swivel castors
Castor diameter	125 mm
Material / surface	Steel / galvanised, chrome-plated, transparent, polyester-coated
Bottom tray	C



## 02.02 Easy 88

The basic model for airside luggage

- > Easy to push
- > Large advertising spaces for a small trolley
- > Simple construction at the best price



## Quality castors

Original Wanzl swivel castors with rubber tread and plastic deflector rings guarantee easy handling.



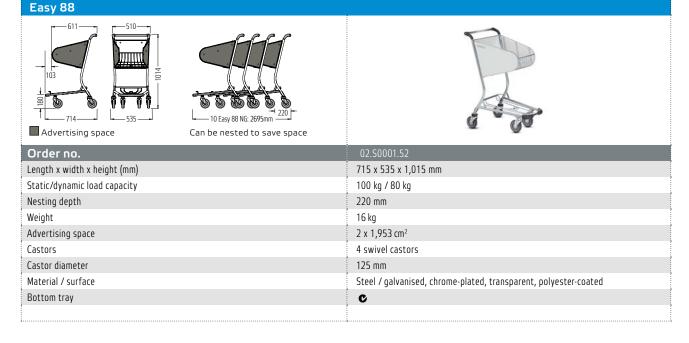
EASY 88

■ The Easy 88 is a simple shopping trolley for the dutyfree area. Hand luggage can be stowed easily without taking up space needed for purchases. Large advertising spaces on the sides of the basket offer a lucrative opportunity to generate revenue.

### Equipment

Two bumper caps provide protection against damage to the interior décor.







## 02.03 Easy 400

Small but high-quality trolley for hand luggage

- > Compact design with antibacterial handle
- > Additional plastic profiles to protect the interior décor against damage
- > High-quality swivel castors with quiet rubber tread



■ Compact, sturdy and space-saving. The Easy 400 offers passengers sufficient space for hand luggage and shopping. With large advertising surfaces and four

castors, it is a particularly attractive proposition.

Easy 400

### **Antibacterial**

Antibacterial handle. Advertising can be printed on handle profile on request.



## Plastic profiles

Generous plastic bumper profiles provided as standard to protect equipment.



## **Optional**

Electrically conductive castors protect trolleys against static discharge.



Advertising space  Can be nested to save space	384 x 146 mm 433 x 381 mm
Order no.	05.71191.52
Static/dynamic load capacity	150 kg / 80 kg
Nesting depth	270 mm
Weight	14 kg
Advertising space	4,420 cm²
Castors	2 fixed castors / 2 swivel castors
Castors Ø rear / front	200 mm / 125 mm
Material	Steel
Surface	Galvanised, chrome-plated, transparent, polyester-coated
Bottom tray	C
Alternative material	Electro-polished stainless steel
Alternative castors, electrically conductive	C



## 02.04 Kiddo®

A certified and robust pushchair for a high standard of child safety

- > Robust construction for many years of use
- > Washable seat upholstery
- > Locking brake as standard



A comfortable trolley with safety certificate in accordance with DIN EN 1888:2012. It is exceptionally easy to steer and moves easily over a variety of surfaces. As such, it provides effective relief for parents while shopping at duty-free shops or on long walks at airports.

Kiddo®

### Safety belt

Individually adjustable 5-point children's harness for buckling up.



#### Brake

The locking brake is operated with one foot, according to the required safety regulations.



## **Optional**

Flagpole for better visibility with flag which can be printed in the customer's own design.



220 220 220 240 10 Kiddo: 2953 mm Can be nested to save space	
Order no.	05.76276.76
Total load capacity	30 kg
Load capacity of seat	25 kg
Load capacity of bottom shelf (if present)	2 kg
Nesting depth	240 mm
Weight	14.5 kg
Castors	4 swivel castors, 2 with brakes
Castor diameter	125 mm
Material	Steel
Surface	Plastic, powder-coated
Coin deposit system	Optional
Flagpole	Optional



## 02.05 Kiddolino

A certified pushchair for babies and toddlers aged 6 to 36 months

- > Washable seat cover
- > Locking brake as standard
- > 5-point belt for secure fastening



■ A pushchair with safety certificate in accordance with DIN EN 1888:2012. It is exceptionally easy to steer and moves easily over a variety of surfaces. As such, it provides effective relief for parents while shopping at duty-free shops or on long walks at airports.

### Seat

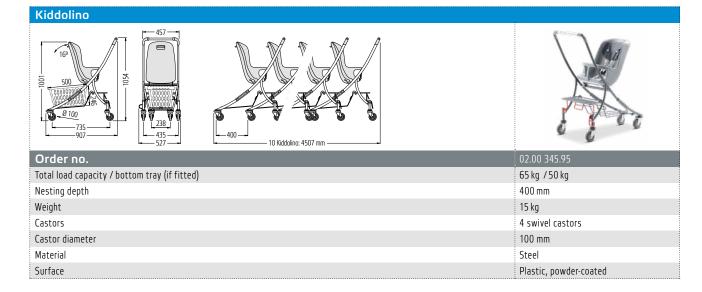
Individually adjustable seat angle for a comfortable ride



#### Brake

The locking brake is operated with one foot, according to the required safety regulations.





We are the top provider of luggage trolleys for airports!

More than half a million Wanzl luggage transport trolleys are ready and waiting for travellers at around **500 airports**.



Statistically, one in three luggage transport trolleys at airports around the world is a Wanzl trolley.



# **03 Trolley Management**





# 03 Trolley Management

### Innovative investments that pay off

- The constant availability of Wanzl luggage transport trolleys when required is essential for perfect trolley management. The well-organised supply of trolleys, the recirculation of trolleys via Wanzl collection points and the safe return of whole rows of trolleys to collection points using Wanzl airport scooters ensure that workflows are carried out efficiently.
- Maintenance for luggage transport trolleys and related equipment, so that everything functions perfectly. Wanzl supplies the required original spare parts to replace wear parts. The latest software and modern RFID technology make maintenance child's play and enable you to keep track of costs.



## 03.01 Vending Unit NG

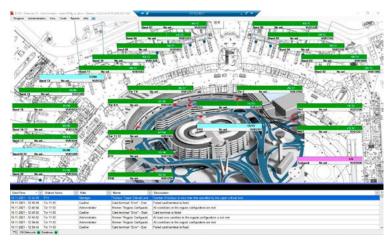
Paying trolley release systems

- > Trolley guidance via the new rail profile and new trolley adapter
- > A variety of payment options and possibility to use as a coin deposit system



#### ETISS Software & Service

The "ETISS" application (Electronic Transaction-Safe Infrastructure Software and Services) manages the vending units. The layout of the intelligent screen elements can be fully adapted to the corporate design of your company. Data is transferred between the machine and the application exclusively in encrypted form. The incorporated security options enable a direct connection from the ticketing system to the Internet, thus offering flexible management of components. Remote maintenance, central software distribution and an adapted alarm system are also included in the delivery of the software.





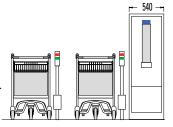
### 03.01 Vending Unit NG

■ Coin acceptance with automatic sorting, integrated alarm system, mechanical cash container locking, anti-theft multiple locking, graphics-enabled ticket/receipt printer and LAN interface for data exchange make the Vending Unit NG truly versatile.



### Trolley guide made of aluminium profile

Rail profile and trolley adapter ensure reliable trolley guidance. Multiple tracks can be controlled with one unit.



#### Trolley adapter

Narrow plastic adapter in sturdy design with guide rollers.



#### Highlight

Illuminated signage for better visibility (optional, in the customer's own design).



#### Touch screen, 7"

Easy and intuitive operation using the integrated touch display.



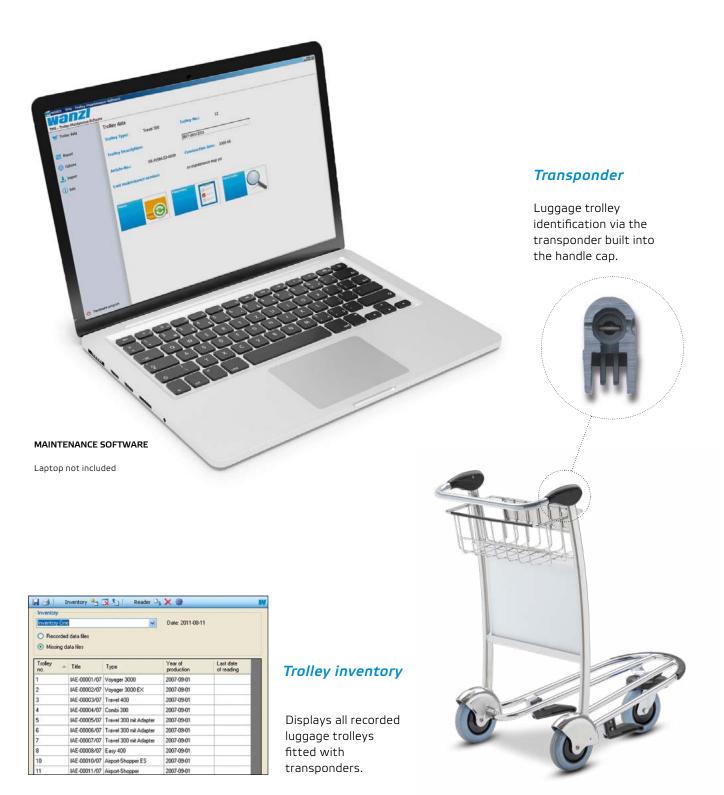
Vending unit NG	
266	W 540 mm x D 400 mm x H 300 mm
Order no.	On request
Currency	All national currencies
Coin acceptance	Up to 6 different coins
Change given	In coins
Automatic sorting	C
Electricity supply	230 V/AC or 115 V/AC; 50 Hz or 60 Hz
Technical details	
Statistics/reporting function	Integrated
Fee adjustment	Freely configurable
Alarm system	Integrated
Cash container locking	Mechanical
Optional	
Accepts credit cards	Up to 4 different credit cards
Banknote acceptance/return	Up to 5 different banknotes
ETISS® inventory and analysis software	Via LAN



# 03.02 Maintenance & Inventory

Detailed maintenance check with RFID

- > Full documentation of service tasks that have been performed
- > Evaluation of service costs for specific periods
- > Overview of available trolleys





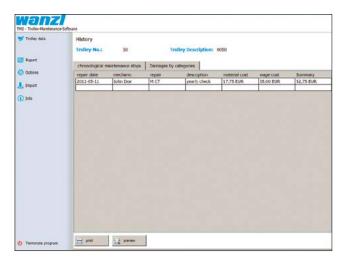
### 03.02 Maintenance & Inventory

■ Regular maintenance checks increase the costeffectiveness of luggage transport trolleys. Each trolley is identified with a passive transponder and all maintenance work is analysed in detail.



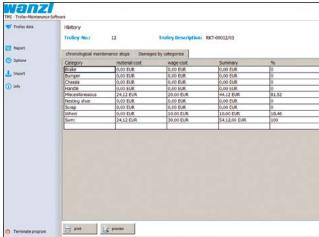
#### Trolley history I

The workshop visits of each individual trolley and the costs incurred are recorded chronologically in the database.



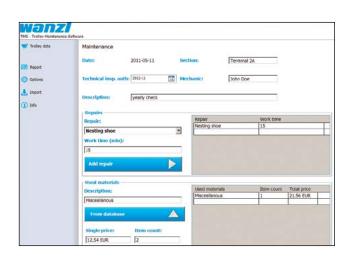
#### Trolley history II

List and overview of all defects in accordance with defined categories and frequency with overview of costs.



#### New visit to workshop

Documentation of the maintenance work performed. Recording of staff and material costs.



#### Mobile scanner

For recording inventory.



#### Maintenance scanner

Wired. For use in maintenance work in the workshop.







## 03.03 Trolley Tracking

For optimised fleet management

- > Makes trolley supply planning easier
- > Reduces inefficient search times for luggage transport trolleys
- > Suitable for both indoor and outdoor use
- Every luggage trolley is equipped with an RFID tag, while every depot or collection point has an RFID reader to record data. The airport operator has an overview of the current location of their trolleys at all times. This allows depots to be defined in a more customer-friendly manner, given plenty of space and filled on time. This not only reflects positively on the airport's general image, but also increases passenger satisfaction, as they can always find a luggage transport trolley when they need one.





#### Tracking...

#### 1. Trolleys in zones

The airport site is divided into individual zones. In almost real time, the system logs the number and location of trolleys on the site.

#### 2. Trolley depots

Using an RFID reader (gateway), every collection point reports the current number of available trolleys to the system.

#### 3. Entries and exits

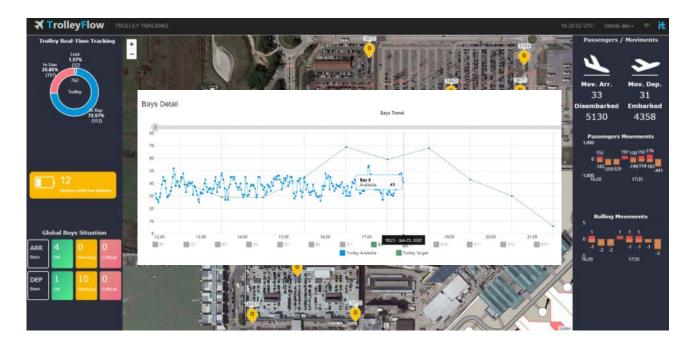
The system measures and evaluates the flow of trolleys between the individual zones. In almost real time, the system logs the points at which a trolley moves from one zone to the next.

#### General information about the system:

- The system works indoors and outdoors
- Wiring/infrastructure requirements are minimal
- Information is provided in almost real time
- The system can be retrofitted into existing infrastructures
- Long-life batteries. This reduces maintenance work.
- RFID tag with waterproof enclosure (IP 65)



### 03.03 Trolley Tracking



#### The tracking dashboard

The dashboard shows the customer-specific layout of the airport site.

#### **Basic information:**

- Number and definition of trolleys currently in use or out of use
- Battery status of the tags
- Level of luggage transport trolleys in the collection stations
- Position of the luggage transport trolleys in the respective zones
- Definition of threshold values for all parameters

In addition, the historical trolley data collected is evaluated. Since the same flights arrive every week, the system is able to learn from the historical data how many trolleys are required on average for every arriving or departing aeroplane and defines the number of trolleys needed for each collection point.

#### Benefits of trolley tracking

- 1 Reduces inefficient search times for trolleys. Optimised staff allocation, which in turn results in reduced operating costs.
- Improved trolley availability increases customer satisfaction.
- Monitoring trolley buffer areas allows spikes in traffic to be better managed.
- 4 Possibility to locate trolleys in remote areas and in the vicinity of the airport: Airport operators know where their trolleys are at all times.
- **5** Airport operators know **the total number of trolleys** needed for daily operations.

- **6 Monitoring of service level agreements** with third-party providers.
- **V** Evaluation of trolley dwell time.
- Possibility to visualise routes taken outside and inside the buildings. These routes can be used to determine which areas are visited more frequently. This information can be used to optimise revenue flows.



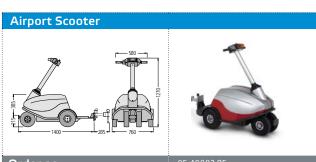
### 03.04 Airport Scooter

For transporting and collecting luggage transport trolleys

- > Efficient and cost-effective
- > Allows a person to ride on the scooter
- > Pushing and pulling design



■ The Airport Scooter transports and collects luggage transport trolleys efficiently and cost-effectively. The trolleys can be shunted with a pushing or pulling motion using a special adapter.



Order no.	05.40002.95
Weight	380 kg
Motor with permanent magnetic brake	1000 W, 24 V DC
Top speed	6 km/h
Batteries	4 x 6 V / 180 Ah
Charger	24 V / 30 A
Charge voltage	220 V
Colour	As requested

#### Remote control

The scooter can be efficiently remotely controlled when pushing luggage trolleys.



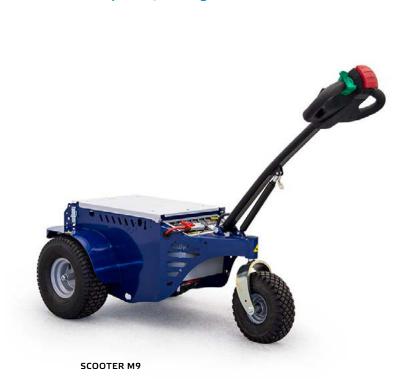
Additional equipment	
Standard equipment for pushing	
Pushing adapter	C
Standard equipment for pulling	
Pulling adapter	C



### 03.05 Scooter M9

The electrical manoeuvring aid for pushing and pulling luggage transport trolleys

- > Easy speed adjustment to the pace of the operator
- > Suitable for indoors and outdoors
- > For loads up to 3,000 kg







Numerous pulling adapters to choose from

■ The M9 is equipped with pneumatic wheels that are suitable for both indoor and outdoor use and always ensure maximum grip and a very low vibration level. What's more, they are very durable and offer exceptional performance on any terrain.

The drive axle is positioned at the rear end of the luggage trolley machine to provide greater stability and control over the direction of the load to be pulled.



230 V

Charge voltage

#### 5 speed settings

Each click increases the speed by 20% compared to the previous gear.



#### Remote control (optional)

For convenient handling of trolley trains: the M9 can be configured for driving operation by remote control. The operator can steer the direction of the trolleys while driving the machine remotely.





### 03.06 Guide Rails

Modular system for luggage trolley collection points

- > Stainless steel tube, electro-polished with high-gloss finish
- > Can be extended as required
- > Generous advertising spaces



GUIDE RAILS



### 03.06 Guide Rails

■ Sturdily constructed from stainless steel and suitable for interior or exterior use, these guide rails ensure that luggage trolleys are compactly stored and ready for use. The system can be adapted in length to match customer specifications and can be installed in single or multiple rows.

#### Coin deposit system

Different coin deposit systems can be fitted to suit the type of trolley.



#### Acrylic glass

Optionally available with dimensions of 1,378 x 638 mm or 678 x 638 mm.



#### High quality

The guide rails are made from high-quality stainless steel tubing. Lateral trolley guidance provided by hardwearing plastic profile.



#### Advertising panels

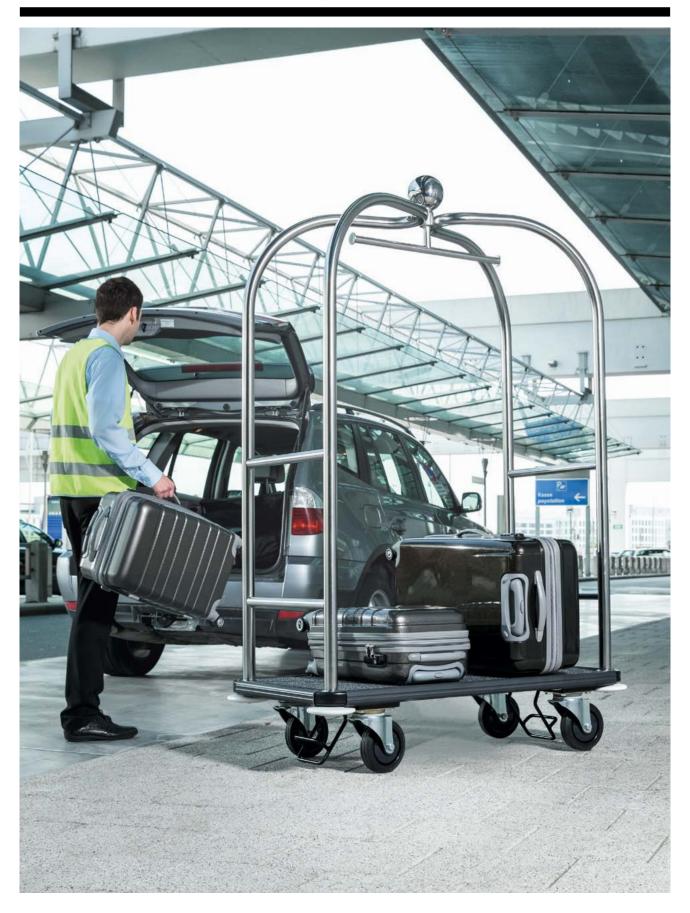
Adhesive advertising panels are optionally available with dimensions of 1,378 x 638 mm or 678 x 638 mm.



Guide rails	
1500 / 800	
Order no.	On request
Material	Stainless steel
Surface	Electro-polished
Length	Individual
Accessories	
Large acrylic advertising panel with clip holder	C
Small acrylic advertising panel with clip holder	C
Coin deposit system with row docking station	C



# **04 Porter Trolleys**





## **04 Porter Trolleys**

# Added feature for group travellers and VIP guests

- Our luggage collection trolleys take the pressure off your staff when handling luggage for group travellers and VIP guests and highlight the customerfriendliness of the airport. We have robust trolleys for high luggage volumes and loads of up to 750 kilograms in our range, as well as elegant trolleys with high-quality surfaces for a stylish reception and service for more discerning passengers. For greater safety, the trolleys can be equipped with locking brakes on request, which guarantee stability when loading and unloading.
- The high-quality craftsmanship of all Wanzl luggage transport trolleys is synonymous with our company. Our high-quality products also continue to function perfectly for years. We guarantee to provide Wanzl original spare parts quickly in the long term via our after-sales service.



## 04.01 Porter Trolley 2000 NG

The high-capacity luggage collection trolley

- > Large load capacity for transporting luggage for tour groups
- > Refined technical details and large advertising spaces
- > Optional locking brake



■ The Wanzl model for transporting luggage for people travelling in groups has a large capacity for luggage of varying sizes and formats. In addition, the sophisticated technical features also mean that it is still very comfortable to push and steer.

#### Easy handling

The double-sided handles and 5th wheel mean this trolley is easy to manoeuvre even when fully loaded.



Porter Trolley 2000 NG		
2144  2250  Advertising space		
Order no.	05.74469.52	
Load capacity	750 kg	
Weight	85 kg	
Advertising space	1,4850 cm <sup>2</sup>	
Castors	4 swivel castors	
Castor diameter	200 mm	
Material	Steel	
Surface	Galvanised chrome-plated	
Locking brake	Optional	
Clothes rail (fixed or fold-out)	Optional	



### **04.02 GS-Lobby**

The VIP luggage collection trolley

- > Elegant design with premium surfaces
- > Attractive, durable carpet lining
- > Optional locking brake



■ **First impressions count!** A porter trolley used specially for the luggage of VIP passengers.

#### Quality

Stainless steel, surface electro-polished or gold-plated. Platform with carpet and deflectors on the corners.



#### Equipment

Wanzl bonded-on castors, diameter 160 mm, rubber tread. 2 fixed castors and 2 swivel castors as standard.



# Prevents the trolley accidentally rolling away

Optional brake. When applied, two castors are locked simultaneously.



#### **GS-Lobby in stainless steel look** 1915 1794 Order no. 05.65428.31-V007 Load capacity 200 kg Weight 52 ka Castors 2 swivel / 2 fixed castors Castor diameter 160 mm Tread Rubber, low-noise Material Stainless steel Surface Electro-polished Carpet Grey melange With locking brake Optional Protection Platform with all-round bumper

GS-Lobby in gold look		
1125 600 1125 600 1125 600 1125 600		
Order no.	05.65428.58-V005	
Load capacity	200 kg	
Weight	52 kg	
Castors	2 swivel / 2 fixed castors	
Castor diameter	160 mm	
Tread	Rubber, low-noise	
Material	Stainless steel	
Surface	Gold-plated	
Carpet	Red	
With locking brake	Optional	
Protection	Platform with all-round bumper	



# **05 Access Solutions**





### **05 Access Solutions**

# Elegant access solutions with innovative technology

- It is important for investments to pay off quickly. Today, modern technology automatically supports or takes over activities and functions in many areas. Entrances are monitored without personnel, monitoring systems accept barcodes and cashing up is carried out reliably in chargeable areas before or after use.
- For more than 50 years Wanzl turnstiles, swivel doors, customer guidance systems and barriers have been a mainstay of the product range. Modern access gates, self-boarding gates and checkout systems for chargeable areas round off the portfolio. Innovative, high-quality Wanzl security products are used in all kinds of critical locations requiring security against unauthorised access while granting unrestricted access to authorised persons.



## 05.01 Self-Boarding Gate

Automated access for boarding and pre-security areas

- > With integrated boarding pass reader
- > High throughput of up to 30 people/minute per passage
- > Certified by AEA (Association of European Airlines)



**SELF-BOARDING GATE** based on Galaxy Gate 1.1

 Our Galaxy Gate 1.1 with automated boarding pass control allows for fast, staff-free boarding.

This effectively reduces queues in the boarding area, giving ground staff more time to focus on those passengers who need extra support, such as elderly passengers. This ensures higher customer satisfaction for all passengers.

#### Wanzl Access Manager

Our web application includes a clearly arranged dashboard that shows the current operational status of the gates. All incidents (e.g. access denials, number of

openings, etc.) can also be tracked and evaluated.





### 05.01 Self-Boarding Gate

■ Secure and fast – The robust toughened safety glass swivel arms open and close in seconds to enable high passenger throughput in the passenger traffic control system.

Passengers simply have to scan their printed ticket or their digital boarding pass on their smartphone at our self-boarding gate. The stored data is compared in the shortest possible time and the access authorisation is checked. If everything is in order, the toughened safety glass swivel arms open immediately and the passenger can enter the next area. If the boarding pass is invalid, access is denied. The passenger is then requested directly via the integrated information display to contact the available personnel for further verification.

#### Monitoring of the passage area

When not in use, the glass arms are generally closed. If there are still people in the exit section of the gate, the swivel doors remain closed.



#### Controlled access

Boarding pass reader with information display and printer. Boarding passes are read by the integrated barcode reader (no contact). RFID readers can also be integrated on request for special approvals. In the event of a last-minute seat change by the airline, the passenger receives a notification on the information display. The integrated printer then issues a new valid pass for the new seat.



#### Barrier tapes

If departure gates are not going to be used for a while, the boarding gate can also be cordoned off manually using barrier tape.



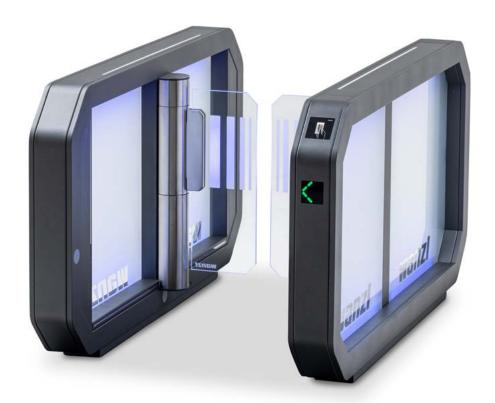




### 05.02 Galaxy Gate® 1.1

Automated access for VIP lounges or staff area

- > Front signalling ensures clear customer guidance
- > Integrated moving light results in easier orientation
- > High level of security thanks to integrated sensors



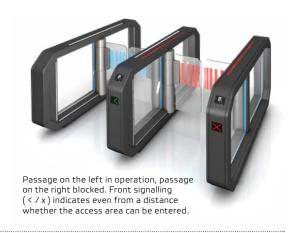
The Galaxy Gate 1.1 is equipped with integrated, intelligent sensor technology. This sensor system detects if a person is attempting to gain unauthorised access.

#### VIP lounge payment access point



#### Features that inspire

The non-stop moving light on the upper side displays each gate's operating status and signals through passage upon release.





### 05.02 Galaxy Gate • 1.1

■ The Galaxy Gate 1.1 can always be adapted to individual requirements and, with its extensive and innovative equipment, consistently ensures smooth and reliable processes.

The Galaxy Gate application management is available in an online and offline version. The online version can, for example, manage external machines, payment stations, card readers and other peripheral devices with each other. The remote connection ensures rapid and effective support when needed. The offline version integrates existing scanners that are already used for access control at the site.



Try our Galaxy Gate configurator! Place multiple gates alongside each other, select the right accessories for you, and design the access solution in your preferred colour.



Maximum protection against climb-over by means of extra-tall toughened safety glass swivel arms



Link to configurator



#### Safety zones

Staying in the sensor area for a long period is regarded as manipulation and an alarm is triggered.



#### Passage with a trolley

The Galaxy Gate can be passed through with a luggage trolley or transport trolley, and will only close once the individual and trolley have passed through.



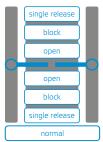
#### Monitoring of the swivel area

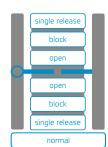
If any object with a minimum size of 10 cm<sup>3</sup> is left in the swivel area, this is detected and an alarm is triggered.

#### How do I control the gate?

All passage instances can be easily controlled from a desktop using the Wanzl Access Manager. Almost all parameters can be adjusted using this tool, and all activity is documented.







Gate control in the Wanzl Access Manager



# 05.03 Galaxyport

Dedicated access point with a transparent ESG safety glass swivel arm

- > ESG safety glass swivel arm length up to 1150 mm, LED-lit
- > LED glass dome with integrated RFID reader
- > Sensor-controlled direction detection, two-way



GALAXYPORT

Standby with tall swivel arm





### 05.03 Galaxyport

■ The Galaxyport Dedicated Access opens in two directions by means of an RFID reader integrated into the glass dome. The integrated sensor system detects the direction in which the ESG safety glass swivel arm needs to open.





# GALAXYPORT In standby mode, with long ESG-safety glass swivel arm

#### Design

GALAXYPORT

tall swivel arm

Free passage with

Stainless steel column design. The ESG safety glass swivel arm is opened using state-of-the-art microprocessor-controlled drive technology; adjustable opening period and impulse-controlled closing function. Integrated alarm system, programmable WEAC control with WEB server option for control via a smartphone. LED operating status display integrated into glass end cap, LED swivel arm illumination. Can be released in two directions using various external readers, a control panel, or an integrated RFID reader.

#### Accessories

- Footfall frequency measurement (WCC)
- Climb-over alarm
- Crawl-under alarm
- Control panel
- Control program for the external PC
- WEB control panel
- Base support



#### GALAXYPORT

The operating status in both directions is signalled on the glass dome by means of the integrated LED lighting.

Galaxyport				
	Low swivel arm	7	Tall swivel arm	
Consists of:  - Stainless steel housing - Electromotor swivel unit - Adjustable motor speed - Integrated alarm system - LAN interface - Software monitoring - Swivel arms made of ESG safety glass (please order separately)				
Surface	Order no.	(	Order no.	
Electropolished stainless steel	On request	C	On request	
Plastic, powder-coated	On request	C	On request	



### 05.04 Terminal V21

Interactive vending unit and ticket machine

- > Modular design thanks to flexible tile technology
- > 21" full HD multitouch display
- > Latest design with integrated light control



**TERMINAL V21**Pat. pend.

#### Individual

Offers a high degree of flexibility and simple adaptation to relevant requirements through the use of insertable and replaceable tiles in the glass front.



#### **Operation**

The integrated 21" multitouch display in combination with interactive user guidance makes operation simple, clear and intuitive.



### Varied payment options

Debit/credit card terminal with PIN pad, micropayment via NFC, coin recycler, banknote reader and more.



#### ■ The interactive V21 ticket and checkout terminal

impresses with its intuitive and user-friendly operation. It is always available for use, meaning staff are free for other tasks. It is also possible to receive statistics and frequency measurements.

#### Ticket and print system design

- RFID ticket issue and return
- RFID paper ticket issue
- RFID reader
- 1D/2D barcode
- Wristband printer
- Receipt or ticket printer

Terminal V21	
1831 1831 1831 1831 1831 1831 1831 1831 1831 1831	
Order no.	On request
Design	Steel housing, powder-coated iron mica 9160, front made of ESG safety glass with surrounding LED light strip, integrated 21" multi-touch display, integrated receipt printer, LAN interface for data exchange, ETISS terminal management software, heating, remote maintenance
Empty weight (without coins)	Approx. 130 kg, depending on the equipment



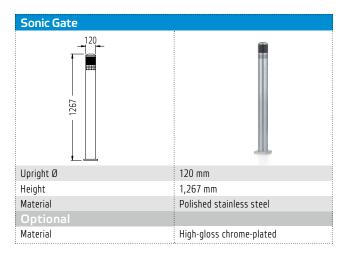
### 05.05 Sonic Gate

Upright for voice announcements on travelators and escalators

- > Activation by radar
- > Freely definable voice announcement
- > Preventive measure for increased security

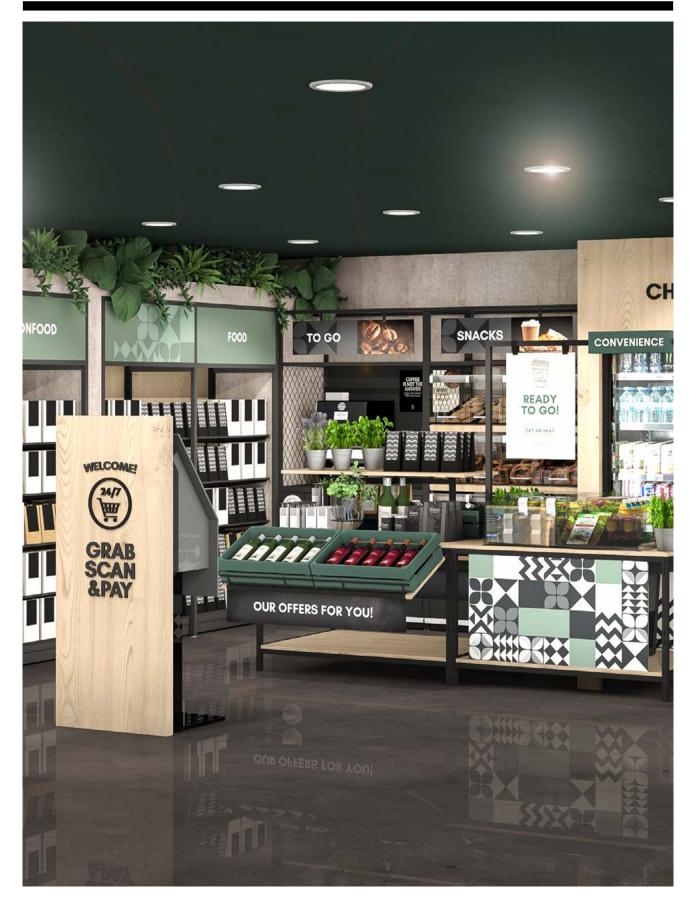


Preventive measure for increased security. The signal is triggered by a radar control system with a freely adjustable radius of action. The upright is equipped with a PC interface for data exchange as a standard feature.





# **06 Shop Solutions**





### **06 Shop Solutions**





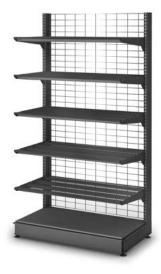
# Planning, design and implementation of creative shop concepts

- **Design your duty-free shop together with Wanz!!** For decades, we have been designing modern, creative and impressive shopping environments on a large and small scale. The store design options are endless: we plan the entire store for you including shelving systems, refrigerated display units, entrance systems, baked goods displays, payment systems and much more.
- Self-checkout options and automated entrance systems enable optimised staff deployment. Both staff-free stores and hybrid concepts are possible, which allow extended opening hours of up to 24/7.

Our competent team of interior designers and specialist planners will advise you.







### wanzi

### VISIT US AT www.wanzl.com











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