## ManzI

## Logistics + Industry

We keep your logistics rolling!


## Contents

WANZL LOGISTICS \& INDUSTRY ..... 4
QUALITY_MADE BY WANZL ..... 6
HIGHLIGHTS_MADE BY WANZL ..... 7
01 ORDER PICKING TROLLEYS ..... 10
${ }^{01}$ KT2 order picking trolley ..... 12
02 KT3 order picking trolley ..... 14
${ }^{03}$ KT3-X order picking trolley ..... 18
04 KT4 order picking trolley ..... 20
${ }^{05}$ KT3 "drive" order picking trolley ..... 22
${ }^{06}$ KT3 Combi order picking trolley ..... 24
07 KT Alu order picking trolley ..... 25
${ }^{08} \mathrm{KT}$-R order picking trolley ..... 26
${ }^{09}$ Entertainment sorting trolley ..... 27
${ }^{10}$ MultiPick trolley ..... 28
${ }^{11}$ Pick and Pack ..... 29
${ }^{12}$ Order picking container ..... 30
${ }^{13}$ Lithium-ion batteries ..... 34
Individual solutions ..... 38
02 ROLL CAGES ..... 42
RC/E series roll cages ..... 44
${ }^{01}$ RC/E1 roll cage ..... 45
02 RC/E2 roll cage ..... 46
${ }^{03} \mathrm{RC} / \mathrm{E} 3$ roll cage ..... 47
RC/S series roll cages ..... 48
${ }^{04}$ RC/S1 roll cage ..... 49
${ }^{05} \mathrm{RC} / \mathrm{S} 2$ roll cage ..... 50
${ }^{06}$ RC/S8 roll cage ..... 51
${ }^{07} \mathrm{RC} / \mathrm{S} 9$ roll cage ..... 52
08 RC/S10 roll cage ..... 54
${ }^{09}$ RC/S11 roll cage ..... 55
${ }^{10} \mathrm{RC} / \mathrm{S} 14$ roll cage ..... 56
RC/N series roll cages ..... 57
${ }^{11}$ RC/N1 roll cage ..... 58
${ }^{12} \mathrm{RC} / \mathrm{N} 2$ roll cage ..... 59
${ }^{13} \mathrm{RC} / \mathrm{N} 3$ roll cage, type 1 ..... 60
${ }^{14} \mathrm{RC} / \mathrm{N} 3$ roll cage, type 2 ..... 61
${ }^{15} \mathrm{RC} / \mathrm{N} 5$ roll cage ..... 62
${ }^{16} \mathrm{RC} / \mathrm{N6}$ roll cage ..... 63
${ }^{17}$ RC/N8 roll cage ..... 64
${ }^{18} \mathrm{RC} / \mathrm{N} 9$ standard roll cage ..... 65
${ }^{18}$ RC/N9 slimline roll cage ..... 66
Individual solutions ..... 67
03 TUGGER TRAINS ..... 70
04 TRANSPORT TROLLEYS ..... 72
01 SP special transporter ..... 74
02 T series transport trolley ..... 76
${ }^{03}$ KT-T2 table trolley ..... 78
${ }^{04}$ KT-T3 table trolley ..... 78
${ }^{05}$ KT-T4 table trolley ..... 79
${ }^{06}$ W 71 E transport trolley ..... 79
${ }^{07}$ MUC ${ }^{\circledR}$ series transport trolleys ..... 80
08 TW-N transport trolley ..... 81
${ }^{09}$ Pallet trolleys ..... 82
${ }^{10}$ Floor roller WBR ..... 84
${ }^{11}$ Panel transporter ..... 86
12 TK-D transport baskets ..... 87
${ }^{13}$ KT-VP1 cardboard packaging trolley ..... 88
${ }^{14}$ KT-VP2 cardboard packaging trolley ..... 89
05 STORAGE EQUIPMENT ..... 90
EasyStore ..... 92
01 Storage baskets 500/1000 ..... 93
02FIFO Stacking basket ..... 94
${ }^{03}$ STX Stacking baskets ..... 95
${ }^{04}$ KMF Stacking baskets ..... 96
${ }^{05}$ KKF Stacking baskets ..... 97
06PA-X Pallet boxes ..... 98
07PA 500 pallet box ..... 100
${ }^{08}$ PA 300 pallet boxes ..... 101
${ }^{09}$ PC 1000/1 pallet container ..... 102
${ }^{10}$ PC 150 pallet container ..... 103
${ }^{11}$ MC 300 pallet container ..... 104
${ }^{12}$ PC 80 pallet container ..... 105
${ }^{13}$ System pallet ..... 106
${ }^{14}$ Pallet bar ..... 107
06 DISPOSAL TROLLEYS ..... 108
${ }^{01}$ Disposal containers ..... 110
${ }^{02}$ Waste trolley ..... 111
${ }^{03}$ Box container ..... 112
07 MOBILE WORKSTATIONS ..... 114
${ }^{01}$ KT-T1 table trolley ..... 116
02 Mobile workstation ..... 117
CASTORS ..... 118


## Wanzl Logistics + Industry

## Continuing a long success story



NESTABLE ROLL CAGE 1976


KT3 ORDER PICKING TROLLEY 1984


KT3 "DRIVE" ORDER PICKING TROLLEY 2016

■ At Wanzl, we know what people will want tomorrow. As a global market leader in shopping trolleys, we also provide the right solutions for the internal logistics in warehouse and production facilities plant internal logistics. Early logistics products such as nestable roll cages, were developed in food retailer storage areas back in the 1970s.

Today, Wanzl employs more than 4,300 employees at eleven production sites worldwide, who work on new areas of business and products, ensuring extraordinary product design, consistently high quality and a vast production range.
The aim: perfectly satisfied customers.

## The world is changing. <br> Take advantage of it!

$\square$ The Logistics + Industry division develops and manufactures products to meet the many requirements of internal logistics and industrial applications. The Wanzl Group's decades of international experience, carefully considered selection of materials, state-of-the-art computer controlled production processes and continuous quality commitment ensure optimum processing, reliable functionality and durable products suitable for each particular application.

## Quality_MADE BY WANZL

## Product quality as a result of process quality



SKILL IN WIRE \& TUBING


AUTOMATED PRODUCTION

■ There is huge potential for increased efficiency and cost reduction in logistics. We offer everything you need for smooth transport, order picking, storage and handling.

## Production

■ In all production processes, Wanzl's quality policy results in products with the best materials, first-class workmanship and well-finished surfaces. This ensures long term maintenance free use and investment security.

## Best material quality

■ Only the best quality manufacturers are chosen to supply an annual quantity of 80,000 tonnes of steel. Only these materials comply with the requirements for surface quality, strength, weldability and bending properties.

## Wanzl guarantees

■ We offer an extended Wanzl guarantee in addition to the statutory warranty: 5 years for durability of trolleys and containers and for the functionality of almost all castor models. Correct handling is a prerequisite.

## Highlights_MADE BY WANZL

## Innovative products and excellent service from a single source



IN-HOUSE CASTOR PRODUCTION


CUSTOMER SPECIFIC SOLUTIONS

## Surface finishing

- We are one of Germany's top ten electroplating companies. With fully automatic process control, each individual part is galvanised to a high polish and additionally coated with transparent or coloured plastic powder coating -all this is completed so thoroughly that Wanzl products have already received the German seal of approval for "electroplating technology" in 1982.


## Original Wanzl castors

■ Wanzl sets the standard for quality - particularly with regard to smooth motion: the castors are mounted on maintenance free two way ball bearings, have abrasion proof treads and feature steering forks with ball bearings. As a result our order picking trolleys are quiet, smooth running and easy to steer.

## Custom made items

Wanzl has been supplying functional and cost efficient components for goods handling, material flow and warehousing for more than 60 years. We plan and produce them as standard models or tailored to your logistics concept: flexible and adaptable storage and transport equipment with special functions, which secure and protect goods during transport, can be quickly loaded and unloaded and therefore speed up the lead times.



## 01 Product overview

### 01.01-01.09 KT series order picking trolleys


${ }^{01}$ KT2

${ }^{02}$ KT3

${ }^{03}$ ктз-х

${ }^{04}$ KT4

${ }^{05}$ KT3 "DRIVE"



${ }^{08}$ KT-R

${ }^{09}$ ENTERTAINMENT SORTING TROLLEY

### 01.10 MultiPick trolley

### 01.11 Pick and Pack


${ }^{10}$ MULTIPICK TROLLEY

${ }^{11}$ PICK AND PACK

### 01.12 Order picking container

### 01.13 Lithium-ion batteries


${ }^{13}$ LITHIUM-ION BATTERIES

## Individual solutions



ORDER PICKING TROLLEYS FOR LINGERIE ITEMS


ORDER PICKING TROLLEYS FOR SPORTING GOODS


ORDER PICKING TROLLEYS FOR SMALL ITEMS
 PICKING TROLLEYS

## 01 Order picking trolleys



### 01.01 KT2 order picking trolley

## Light and compact

> Only 405 mm wide - perfect for narrow aisles
> Load capacity up to 150 kg


KT2 basic model with accessories

Standard equipment: Chassis made of square tubing with welded bottom tray. Side panels made of square tubing frame with wire grate, inserted into chassis and riveted into place.

Castors: 2 fixed castors, 2 swivel castors, Ø 100 mm . Elastic tread, blue.

Finish: High gloss, galvanised and chrome-plated.

## Technical specifications:

Mesh size of the side panels Total load capacity
$50 \times 50 \mathrm{~mm}$
150 kg
Load capacity per shelf 35 kg

### 01.01 KT2 order picking trolley

## Standard boxes

The KT2 can also easily transport standard boxes.


## Hitch <br> (optional)

The hitch enables interconnection of several order picking trolleys.


## Wire tray (optional)

Thanks to the narrow mesh size of $5 \times 5 \mathrm{~mm}$, your small items are safely contained.


## Writing board (optional)

The coated metal plate can be written on with a piece of chalk.



# 01.02 KT3 order picking trolley 

The all round talent
> System design with individual structure
> Versatile equipment
> Load capacity up to 300 kg



KT3 as a table trolley with height of $1,230 \mathrm{~mm}$ Dimensions (mm): L $900 \times \mathrm{W} 625 \times \mathrm{H} 1,230$

Standard equipment: Chassis made of square tubing with welded bottom tray. Side panels made of square tube frame with wire grate, inserted into chassis and screwed into place. Shelves can be screwed in at height increments of 50 mm .

Castors: 4 Wanzl swivel castors, Ø 125 mm, rubber tread. Optional: 5th castor Ø 125 mm , fitted in the centre for easy manoeuvrability. The order picking trolley can turn on the spot.

Finish: High gloss, galvanised and chrome-plated.

| Technical specifications: |  |  |  |
| :---: | :---: | :---: | :---: |
| Length (mm) | 900 | 1,297 | 1,713 |
| Total load capacity (kg) |  |  |  |
| Basic model with rear panel | 200 | 300 | 300 |
| Basic model without rear panel | 100 | 150 | 150 |
| Load capacity per shelf (kg) | 75 | 75 | 75 |

### 01.02 KT3 order picking trolley

## Wide range of accessories

The KT3 order picking trolley is the basis for many picking jobs. The optional fifth castor makes it particularly agile and easy to manoeuvre. Whether handle, writing board, wire tray, or wire /wooden shelves, you are always best equipped with the KT3.


## Ladder (optional)

The hinged ladder is equipped with a non slip chequered rubber surface.


Note holder (optional)
Notes or documents can be attached to the metal plate using a fastening clip.


## 5th castor (optional)

Mechanical version. The trolley can be rotated $360^{\circ}$ on the spot. Anti-static strap as accessory.


Clothes rail (optional)

Transport of clothes is no problem with the KT3.


Door and rear panel (optional)

The wire door and rear panel secure your goods against unauthorised access.


## Noise reduction

Plastic parts for security and noise reduction are included as standard in the scope of deliv-
 ery of the hookin grate.

[^0]
### 01.02 KT3 order picking trolley



### 01.02 KT3 order picking trolley

| KT3 with length of 1,297 mm |  |  |  |
| :---: | :---: | :---: | :---: |
| $c=0$ |  |  |  |
| 06.00234 .50 | 06.00235 .50 | 06.00236 .50 | 06.00237 .50 |
| 1,297 |  |  |  |
| 467 |  | 625 |  |
| 1,630 | 1,830 | 1,630 | 1,830 |
| 1,250 | 1,250 | 1,250 | 1,250 |
| 00.53264 .50 | 00.53603 .50 | 00.53264 .50 | 00.53603 .50 |
| 00.81082 .50 | 00.81195 .50 | 00.81082 .50 | 00.81195 .50 |
| 00.49894 .50 |  | 00.49894 .50 |  |
| 00.06163 .50 |  | 28.06893 .50 |  |
| 00.46165 .50 |  | 00.46730 .50 |  |
| 00.67748 .50 |  | 00.70086 .50 |  |
| 00.14638 .50 |  | 00.15316 .50 |  |
| 00.24243 .50 |  | 00.24356 .50 |  |
| 00.39950 .50 |  | 00.41419 .50 |  |
| 00.18531 .50 |  | 00.51456 .50 |  |
| 00.73963 .50 |  | 00.74528 .50 |  |
| 00.40570 .76 |  | 00.40570 .76 |  |
| 00.54979 .95 |  | 00.54979 .95 |  |
| 00.50007 .95 |  | 00.50007 .95 |  |
| 00.14378 .76 |  | 00.14378 .76 |  |
| 00.74205 .95 |  | 00.74205 .95 |  |
| 60.01017 .50 |  | 60.01017 .50 |  |
| 00.55318 .95 |  | 00.55318 .95 |  |
| 05.40634 .95 |  | 05.41019 .95 |  |
| 00.80409 .50 |  | 00.07106 .50 |  |
| 00.14703 .50 |  | 00.14703 .50 |  |
| 00.58886 .50 |  | 77.14013 .50 |  |



### 01.03 KT3-X order picking trolleys

## Ideal for small production batches

## > External dimensions can be configured in small grid units

> Available custom-made for batch sizes of 1 or more
> Extensive range of accessories

## KT3-X

Equipment example


As standard: The quality swivel castor from Wanzl

## The basic model

Standard equipment: chassis made from square tubing, side panels made from square tube frame with wire grate, inserted into chassis and screwed-into place. One top static rod, screwed-in between the side panels. The length can be configured in increments of 30 mm , the width in increments of 50 mm , and the height in increments of 100 mm .

Castors: 4 Wanzl swivel castors Ø 125 mm . Rubber tread.
Surface finish: high gloss, galvanised, chrome-plated.

| Order no. | 06.85080 .50 |  |  |
| :--- | :--- | :--- | :--- |
| Technical specifications | Min. | Max. | Grid unit |
| Length (mm) | 886 | 1,816 | 30 |
| Width (mm) | 410 | 810 | 50 |
| Height (mm) | 1,170 | 1,870 | 100 |
| Total load capacity (kg) |  | 300 |  |
| Load capacity per shelf (kg) |  | $75 / 50$ |  |

Configure your custom-made trolley today!


### 01.03 KT3-X order picking trolleys

- A smooth order picking process benefits the supply chain. The new KT3-X improves order picking efficiency as the unit can be individually tailored to your business requirements for better added value. It suits small production runs and is even available as a one-off order.


Scan QR code to watch film.

## Accessories for a wide range of applications

## Handle (pair)

Made of steel pipe and clad in plastic. Paint: RAL 5002 Ultramarine blue and RAL 3000 Flame red.


Wire shelf
The shelves can be screwed into the $100-\mathrm{mm}$ grid. Mesh size $100 \times 30 \mathrm{~mm}$.


## Ladder

The hinged ladder with three steps is equipped with a non-slip chequered rubber surface.


## Fifth castor

Mechanical version. The
trolley can be rotated $360^{\circ}$ on the spot. Anti-static strap as accessory.


## Blackboard

The coated metal plate can be written on with a piece of chalk.


## Whiteboard

Attachable. The inclination angle is adjustable. With clamping strip.


## Wire tray

Thanks to the narrow mesh size of $5 \times 5 \mathrm{~mm}$, your small items are secure.


## Brake mechanism

Wanzl brake castors prevent the order picking trolley from rolling away.


## Forklift loops for pallet trucks

For labour saving transport
with most pallet truck models.


# 01.04 KT4 order picking trolley 

Robust and extremely durable
> Load capacity up to 600 kg
> Matched to Euro standard box
> System design with individual structure


KT4 basic model with accessories
Dimensions (mm): L 1,306 x W $806 \times$ H 1,650

Standard equipment: Chassis made of square tubing with non slip chip board shelf. Side panels made of square tube frame with wire grate, inserted into chassis and screwed into place. Wooden shelves can be screwed in at height increments of 100 mm .

Castors: 2 fixed castors and 2 swivel castors $\varnothing 160 \mathrm{~mm}$, optionally with brake or central brake. Elastic tread.

Finish: High gloss, galvanised and chrome-plated.

## Technical specifications:

Total load capacity $\quad 600 \mathrm{~kg}$
Load capacity of chassis 200 kg
Load capacity per shelf $\quad 150 \mathrm{~kg}$

150 kg

### 01.04 KT4 order picking trolley

## Transport with forklift

The optional forklift loops enable labour saving transport in combination with most forklift models.
Note: forklift insertion on the short side is only possible in conjunction with castor set
$\varnothing 125 \mathrm{~mm}$ and additional insertion aid for forklift trucks (available on request).


Forklift loops, dimensions in mm utility mod. pend.


# 01.05 KT3 "drive" order picking trolley 

## Transports heavy goods effortlessly

## > More power due to improved Lithium-ion battery technology

>Better ergonomics due to the 5th castor with electric motor and drawbar handle
> More safety as a result of a personal safety switch and warning horn being integrated into the handle

Personal
safety switch

KT3 "DRIVE"
Equipment example,
Dimensions without attachments
L 1,300 x W $625 \times \mathrm{H} \mathrm{1,800} \mathrm{~mm}$


Standard equipment: Square tube frame chassis, incl. anti-static band. Side panels made of square tube frame with wire grate, inserted into chassis and screwed into place. 1 wire shelf at top, screwed to the side sections. Rigid handle with a personal safety switch, horn and speed controller. 2 basic levels (max. 2.8 and $5.5 \mathrm{~km} / \mathrm{h}$ ), which can be freely

## Technical specifications

| Motor | 24 V DC |
| :--- | :--- |
| Max. rated speed (rpm) | 139 |
| Nominal performance (W) | 350 |
| Max. torque (Nm) | 18 |
| Axle load (kg) | 120 |

adjusted within the basic levels. Lithium-ion battery (10 Ah) mounted to the side section. Including battery charger.

Castor wheels: 4 Wanzl swivel castors, Ø 125 mm , with bumper. Rubber tread. 5th Wheel with integrated electric drive feature.

Finish: High gloss, galvanised and chrome-plated. 1 or 2 coloured plastic powder coating on request.

| Basic model | KT3 "drive" |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| Length (mm) | 1,300 | 1,300 | 1,700 | 1,700 |
| Width (mm) | 625 | 625 | 625 | 625 |
| Height (mm) | 1,600 | 1,800 | 1,600 | 1,800 |
| Load capacity (kg) | 300 | 300 | 300 | 300 |
| Chassis load capacity (kg) | 75 | 75 | 75 | 75 |
| Load capacity of shelf (kg) | 75 | 75 | 75 | 75 |

## 01．05 KT3＂drive＂order picking trolley

## Ideal for heavy loads

An electric motor is integrated in the hub of the fifth wheel．providing the driving force and ensuring effort－ less track precision and safe manoeuvring with minimal energy input．The speed（max． $5.5 \mathrm{~km} / \mathrm{h}$ ）is freely adjustable and controlled via two toggle switches．


## Multifunctional handle

A crawl speed button allows slow travel（max． $2.8 \mathrm{~km} / \mathrm{h}$ ）． If the red safety switch on the handle comes into con－ tact with your body，the direction of travel briefly reverses．The handle also has a horn as an additional acoustic warning signal．


## Wide range of accessories

The modular design of the order picking trolley means it can be equipped with a range of features：additional wire or wooden shelves，rear panel grate，compartment divider，writing board，note holder and much more． Contact us！

## Connection of peripheral devices

A monitor，radio scanner or printer can be connected to an additional battery（option） via an inverter．

| Battery capacity | 10 Ah | 20 Ah |
| :---: | :---: | :---: |
| Voltage（V） | 25.2 | 25.2 |
| Normal discharge current（A） | 30 | 30 |
| Temperature range（ ${ }^{\circ} \mathrm{C} /{ }^{\circ} \mathrm{F}$ ） | $+5^{0}$ to $+35^{\circ}$ | ＋50 to＋350 |
| Normal charging time（ h ） | Approx． 3 | Approx． 6 |
| Service life（full cycles） | $>500$ | $>500$ |

## Hinged handle unit（optional）

Ergonomic manoeuvring．
The handle can be moved up and down to the desired handle height like a drawbar．


## BlueBeam（optional）

Visual path warning device．
The headlight is fitted to the side section opposite the handle unit
It can also be retrofitted．


## Rotating light signal（optional）

The yellow LED light is fit－ ted on the side section of the handle unit and rotates $360^{\circ}$ ．
It can also be retrofitted．


# 01.06 KT3 Combi order picking trolley 

## For the transport of clothing

## > Hinged shelves for the transport of accessories

> Can be rotated $360^{\circ}$ on the spot


Standard equipment: Chassis suitable for conveyance technology, modified 5th castor, square tube frame with wire grate, 1 centre section, 6 folding shelves made from wire grate, 1 clothes rail, 2 safety belts.

Castors: 4 swivel castors, rubber tread. 5th castor, fitted in the centre for better manoeuvrability.

Finish: High gloss, galvanised and chrome-plated.

KT3 Combi

06.43 619.50-0000 $1,300 \times 550 \times 1,800$ $100 \times 100$125

250
25
68

### 01.07 KT Alu order picking trolley

Easy to use and ergonomic
> Only 46 cm wide - perfect for narrow aisles
> Easy handling thanks to low weight


Comfort handle
The forward pressing handle ensures optimal positioning of the wrist.


Shelves adjustable in increments of 100 mm


Functional parts made of robust steel

Standard equipment: Side frames, shelf frames and chassis frame made of aluminium. 3 shelves with platform made from alumini-um-plastic composite material, can be bolted on at 100 mm intervals. Ergonomic comfort handle. Functional parts made of steel for optimum stability.

Castor wheels: 4 swivel castors, including 2 with brake. Rubber tread.

Finish: Plastic powder coating.


# 01.08 KT-R order picking trolley 

Slide in boxes on roller tracks
> For Euro standard boxes measuring $600 \times 400$ mm
> Height adjustable shelves


Standard equipment: Chassis made of square tube with welded bottom tray. Side sections made of square tubeframe with wire grate, inserted into chassis and screwed into place. 4 attachable grate shelves with backward sloping roller tracks, with wire shelves and anti-slip guard for the boxes on the handle side, and with bumper and rubber stop for securing the boxes at the rear. 1 pair of pushing handles.

Castors: 4 Wanzl swivel castors, Ø 125 mm, rubber tread.

Finish: High gloss, galvanised and chrome-plated.

Easy loading
The boxes can be pushed effortlessly into the trolley thanks to roller tracks that slope slightly backwards.

## Security of boxes

A rubber stop brakes the box and prevents items falling out unintentionally during transport.


## Roller tracks

Thanks to individually mounted rollers boxes are extremely easy to move.


# 01.09 Entertainment sorting trolley 

## For order picking books and media

> Variable compartment size for multi-order picking<br>> Two locking swivel castors function as a manoeuvring aid<br>> Ergonomic handle



Ergonomic push bar handle The push bar handle has been designed so that it offers different gripping heights depending on the size of the employee. Both sides of the bar are inclined toward the centre, preventing risk of injuries from knuckles protruding from the sides.


Heel protectors
The wire grate in front of the castors beneath the handle protects the feet when pulling the trolley.


## Adjustable dividers

The sheet metal dividers can be adjusted or stacked on top of each other depending on the order volume. They can also be variably distributed across the shelves. A guide bar keeps the compartment dividers from falling out.


## More directional stability

Simply press the foot-operated rail down and the directional lock transforms the two swivel castors into fixed castors by locking them. This ensures more directional stability while manoeuvring.

Standard equipment: base frame made of square tube, side panels with wire grate. Mountable sheet metal shelves with 19 adjustable dividers.
Safety grate acts as heel protectors while pulling. Ergonomic push bar handle. Anti-static strap.
The screwed-in top shelf with mesh can be omitted if the rear panel grate is used.

Castors: 4 swivel castors, including 2 that can be locked to function as fixed castors. Rubber tread.

Surface finish: base frame is high-gloss galvanised and chrome-plated. Shelves and dividers are made of galvanised sheet metal. Push bar handle, heel protectors and bar for setting the direction are coated in plastic powder in RAL 2008 Bright red orange.


Entertainment sorting trolley


# 01.010 MultiPick trolley 

## For order picking with Euro standard boxes

> Holds up to 6 boxes<br>> With small item basket



Deflector rings to protect against damage to the trolley and fixtures

Standard equipment: Frame made of square tubing. Side panel with small items basket made of wire and horizontal pushing handle. 4 deflector rings on the chassis. 6 compartments for Euro standard boxes measuring $600 \times 400 \mathrm{~mm}$.

Castors: 4 swivel castors, elastic tread. Incl. 5th castor, fitted in the centre for easy manoeuvrability.

Finish: High gloss, galvanised and chrome-plated.
Special version for 8 boxes also available.

|  | MultiPick Trolley |
| :---: | :---: |
| Order no. | 06.44 636.50-V004 |
| Length (mm) | 1,082 |
| Width (mm) | 650 |
| Height (mm) | 1,138 |
| Castor Ø (mm) | 125 |
| Load capacity per shelf (kg) | 100 |
| Total load capacity (kg) | 200 |
| Weight (kg) | 40 |
|  |  |
|  |  |

### 01.11 Pick and Pack

Collect goods from the warehouse and pack directly into the shipping box
> Acceleration of throughput times, as goods no longer need to be repacked
> Perfect for smaller shipping orders


Standard equipment: Frame made from heat resistant steel, shelves made from aluminium. Ergonomically shaped handle, suitable for both pulling and pushing. Shelves can be screwed in at height increments of 50 mm . Note: with Pick \& Pack 2000, steel tubes are used in the shelves.

Castors: 4 Wanzl swivel castors, rubber tread. Incl. 5th castor, fitted in the centre for easy manoeuvrability. This enables the trolley to turn on the spot.

Finish: Plastic powder coating.


# 01.12 Order picking container 

The right solution for every application

> Mobile containers in numerous variants and dimensions<br>> Bolted design for ideal material flow in intralogistics



ORDER PICKING CONTAINERS
Basic model with accessories Dimensions (mm): L $1,200 \times W 800 \times$ H 1,635

Standard equipment: Sturdy, mobile chassis made of square tubing, wire bottom tray with spot welded wire mesh. Side panels made of square tube with welded wire grate. Two part rear panel (closing grate). 1 connection tube at height of $1,635 \mathrm{~mm}$, mounted in centre. Hook-in grate can be attached in various positions at an interval of 110 mm .

Castors (basic model): 4 Wanzl swivel castors Ø 100 mm made of polyamide, available with brakes on request. For alternative castor fittings, see accessories.

Finish: High gloss, galvanised and chrome-plated.

## Technical specifications:

$\begin{array}{lr}\text { Total load capacity } & 200 \mathrm{~kg} \\ \text { Load capacity per shelf } \\ 75 \mathrm{~kg}\end{array}$

### 01.12 Order picking container

■ Wanzl order picking containers are available in a wide range of variants and dimensions. Thanks to the extensive range of accessories and the bolted design they are perfect for your logistics environment and help you to pick orders more quickly and efficiently.


ORDER PICKING CONTAINERS
Basic model with accessories
Dimensions (mm): L 1,200 $\times \mathrm{W} 700 \times \mathrm{H} 1,100$


ORDER PICKING CONTAINERS
Basic model with accessories Dimensions (mm): L $600 \times$ W $600 \times \mathrm{H} 1,635$

## Bolted design

The bolted designs are ideal for the material flow in intralogistics.


Noise reduction

Plastic parts for security and noise reduction are included as standard in the scope of delivery of the hook-in grate.


Pat. pend.

## 5th Castor (optional)

Mechanical design, simplifies steering and the manoeuvrability of the container. Anti-static strap as accessory.


## Note holder (optional)

Notes or documents can be attached to the metal plate using a clamping strip.


### 01.12 Order picking container



| A, length (mm) |
| :--- |
| B, width ( mm ) |
| C, height ( mm ) |
| D, length of load |
| Accessorie |

order no.

Hook-in grate straight, depth 540 mm
Hook-in grate straight, depth 640 mm


Hook-in grate straight, depth 740 mm
Hook-in grate angled 25 mm , depth 540 mm
Hook-in grate angled 25 mm , depth 640 mm


Hook-in grate angled 25 mm , depth 740 mm
Hook-in grate angled 100 mm , depth 540 mm
Hook-in grate angled 100 mm , depth 640 mm
Hook-in grate angled 100 mm , depth 740 mm


Hook-in grate double wire edge $2 \times 6.8 \mathrm{~mm}$, depth 540 mm
Hook-in grate double wire edge $2 \times 6.8 \mathrm{~mm}$, depth 640 mm
Hook-in grate double wire edge $2 \times 6.8 \mathrm{~mm}$, depth 740 mm


Closing grate, front
Adjustable height*
Closing grate, front
Height 215 mm , for front anti-slip guard
Scanner rail for angled hook-in grate
Height 40 mm , transparent
Horizontally fitted handle (only for bolted design!)
Steel tube, plastic coated in red, green or blue
Vertically fitted handle (only for bolted design!)
Steel tube, plastic coated in red, green or blue
Note holder
W $223 \times H 120 \mathrm{~mm}$, made of metal, with clamping strip
Writing board
W 313 x H 160 mm, coated metal board, black
Clipboard, attachable
Adjustable angle, with clamping strip for formats up to DIN A4
Wire tray for small items, plastic coated in black,
L $235 \times \mathrm{W} 170 \times \mathrm{H} 135 \mathrm{~mm}$, mesh size $5 \times 5 \mathrm{~mm}$
Anti-static band for reliable conductive discharge
mounted on chassis or on 5th castor
5th castor for castor set Ø 100 mm
Simplifies steering and manoeuvring of the container

## Sets of castors 100 PA (black)

Swivel castor set $\varnothing \mathbf{1 0 0} \mathrm{mm}$
4 swivel castors
Swivel castor set $\varnothing \mathbf{1 0 0} \mathbf{~ m m}$
4 swivel castors, incl. 2 with brake

Order picking container with length of 600 mm


| 06.00033 .50 | 06.00034 .50 | 06.00035 .50 | 06.00036 .50 | 06.00037 .50 | 06.00038 .50 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 600 |  |  |  |  |  |
| 600 | 700 | 800 | 600 | 700 | 800 |
| 1,100 |  |  | 1,635 |  |  |
| 535 |  |  | 535 |  |  |


| 28.04578 .50 | 28.04578 .50 | 28.04578 .50 | 28.04578 .50 | 28.04578 .50 | 28.04578 .50 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| - | 28.04441 .50 | 28.04441 .50 | - | 28.04441 .50 | 28.04441 .50 |
| - | - | 28.04365 .50 | - | - | 28.04365 .50 |
| 77.36161 .50 | 77.36161 .50 | 77.36161 .50 | 77.36161 .50 | 77.36161 .50 | 77.36161 .50 |
| - | 77.36274 .50 | 77.36274 .50 | - | 77.36274 .50 | 77.36274 .50 |
| - | - | 77.36387 .50 | - | - | 77.36387 .50 |
| 28.04579 .50 | 28.04579 .50 | 28.04579 .50 | 28.04579 .50 | 28.04579 .50 | 28.04579 .50 |
| - | 28.04489 .50 | 28.04489 .50 | - | 28.04489 .50 | 28.04489 .50 |
| - | - | 28.04433 .50 | - | - | 28.04433 .50 |
| 77.37291 .50 | 77.37291 .50 | 77.37291 .50 | 77.37291 .50 | 77.37291 .50 | 77.37291 .50 |
| - | 77.37404 .50 | 77.37404 .50 | - | 77.37404 .50 | 77.37404 .50 |
| - | - | 77.37517 .50 | - | - | 77.37517 .50 |


| 06.04529 .50 | 06.04529 .50 | 06.04529 .50 | 06.07102 .50 | 06.07102 .50 | 06.07102 .50 |
| :---: | :---: | :---: | :---: | :---: | :---: |


| 06.08793 .50 | 06.08793 .50 | 06.08793 .50 | 06.08793 .50 | 06.08793 .50 | 06.08793 .50 |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| 21.71978 .07 | 21.71978 .07 | 21.71978 .07 | 21.71978 .07 | 21.71978 .07 | 21.71978 .07 |
| 77.38308 .76 | 77.38421 .76 | 77.38534 .76 | 77.38308 .76 | 77.38421 .76 | 77.38534 .76 |


| - | - | - | 00.40570 .76 | 00.40570 .76 | 00.40570 .76 |
| :--- | :--- | :--- | :--- | :--- | :--- |
| 77.38986 .95 | 77.38986 .95 | 77.38986 .95 | 77.38986 .95 | 77.38986 .95 | 77.38986 .95 |
| 77.38647 .95 | 77.38647 .95 | 77.38647 .95 | 77.38647 .95 | 77.38647 .95 | 77.38647 .95 |
| 00.50007 .95 | 00.50007 .95 | 00.50007 .95 | 00.50007 .95 | 00.50007 .95 | 00.50007 .95 |
| 00.14 .378 .76 | 00.14 .378 .76 | 00.14 .378 .76 | 00.14 .378 .76 | 00.14 .378 .76 | 00.14 .378 .76 |
| 00.74205 .95 | 00.74205 .95 | 00.74205 .95 | 00.74205 .95 | 00.74205 .95 | 00.74205 .95 |
| 60.16052 .50 | 60.16165 .50 | 60.16278 .50 | 60.16052 .50 | 60.16165 .50 | 60.16278 .50 |


| 60.77067 .00 | 60.77067 .00 | 60.77067 .00 | 60.77067 .00 | 60.77067 .00 | 60.77067 .00 |
| :---: | :---: | :---: | :---: | :---: | :---: |


| 60.44411 .00 | 60.44411 .00 | 60.44411 .00 | 60.44411 .00 | 60.44411 .00 | 60.44411 .00 |
| :--- | :--- | :--- | :--- | :--- | :--- |
| 60.77632 .00 | 60.77632 .00 | 60.77632 .00 | 60.77632 .00 | 60.77632 .00 | 60.77632 .00 |

[^1]

| 06.00 039.50 | 06.00 040.50 | 06.00041 .50 | 06.00042 .50 | 06.00 043.50 | 06.00044 .50 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 960 (900) |  |  |  |  |  |
| 600 | 700 | 800 | 600 | 700 | 800 |
| 1,100 |  |  | 1,635 |  |  |
| 900 |  |  | 900 |  |  |
|  |  |  |  |  |  |
| 28.01557 .50 | 28.01557 .50 | 28.01557 .50 | 28.01557 .50 | 28.01557 .50 | 28.01557 .50 |
| - | 28.01566 .50 | 28.01566 .50 | - | 28.01566 .50 | 28.01566 .50 |
| - | - | 28.01570 .50 | - | - | 28.01570 .50 |
| 77.36500 .50 | 77.36500 .50 | 77.36500 .50 | 77.36500 .50 | 77.36500 .50 | 77.36500 .50 |
| - | 77.36613 .50 | 77.36613 .50 | - | 77.36613 .50 | 77.36613 .50 |
| - | - | 77.36726 .50 | - | - | 77.36726 .50 |
| 28.01558 .50 | 28.01558 .50 | 28.01558 .50 | 28.01558 .50 | 28.01558 .50 | 28.01558 .50 |
| - | 28.01567 .50 | 28.01567 .50 | - | 28.01567 .50 | 28.01567 .50 |
| - | - | 28.01571 .50 | - | - | 28.01571 .50 |
| 77.37630 .50 | 77.37630 .50 | 77.37630 .50 | 77.37630 .50 | 77.37630 .50 | 77.37630 .50 |
| - | 77.37743 .50 | 77.37743 .50 | - | 77.37743 .50 | 77.37743 .50 |
| - | - | 77.37856 .50 | - | - | 77.37856 .50 |
| 06.07410 .50 | 06.07410 .50 | 06.07410 .50 | 06.03617 .50 | 06.03617 .50 | 06.03617 .50 |
| 06.04803 .50 | 06.04803 .50 | 06.04803 .50 | 06.04803 .50 | 06.04803 .50 | 06.04803 .50 |
| 21.71986 .07 | 21.71986 .07 | 21.71986 .07 | 21.71986 .07 | 21.71986 .07 | 21.71986 .07 |
| 77.38308 .76 | 77.38421 .76 | 77.38534 .76 | 77.38308 .76 | 77.38421 .76 | 77.38534 .76 |
| - | - | - | 00.40570 .76 | 00.40570 .76 | 00.40570 .76 |
| 77.38986 .95 | 77.38986 .95 | 77.38986 .95 | 77.38986 .95 | 77.38986 .95 | 77.38986 .95 |
| 77.38647 .95 | 77.38647 .95 | 77.38647 .95 | 77.38647 .95 | 77.38647 .95 | 77.38647 .95 |
| 00.50 007.95 | 00.50007 .95 | 00.50007 .95 | 00.50007 .95 | 00.50007 .95 | 00.50007 .95 |
| 00.14378 .76 | 00.14378 .76 | 00.14378 .76 | 00.14378 .76 | 00.14378 .76 | 00.14378 .76 |
| 00.74205 .95 | 00.74205 .95 | 00.74205 .95 | 00.74205 .95 | 00.74205 .95 | 00.74205 .95 |
| 60.16052 .50 | 60.16165 .50 | 60.16278 .50 | 60.16052 .50 | 60.16165 .50 | 60.16278 .50 |



Order picking container with length of 1,200 mm


| 06.00 | 045.50 | 06.00 | 046.50 | 06.00 | 047.50 | 06.00 | 048.50 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | 06.00049 .50 06.00 050.50


| 28.01515 .50 | 28.01515 .50 | 28.01515 .50 | 28.01515 .50 | 28.01515 .50 | 28.01515 .50 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| - | 28.01521 .50 | 28.01521 .50 | - | 28.01521 .50 | 28.01521 .50 |
| - | - | 28.01525 .50 | - | - | 28.01525 .50 |
| 77.36839 .50 | 77.36839 .50 | 77.36839 .50 | 77.36839 .50 | 77.36839 .50 | 77.36839 .50 |
| - | 77.36952 .50 | 77.36952 .50 | - | 77.36952 .50 | 77.36952 .50 |
| - | - | 77.37065 .50 | - | - | 77.37065 .50 |
| 28.01516 .50 | 28.01516 .50 | 28.01516 .50 | 28.01516 .50 | 28.01516 .50 | 28.01516 .50 |
| - | 28.01522 .50 | 28.01522 .50 | - | 28.01522 .50 | 28.01522 .50 |
| - | - | 28.01526 .50 | - | - | 28.01526 .50 |
| 77.37969 .50 | 77.37969 .50 | 77.37969 .50 | 77.37969 .50 | 77.37969 .50 | 77.37969 .50 |
| - | 77.38082 .50 | 77.38082 .50 | - | 77.38082 .50 | 77.38082 .50 |
| - | - | 77.38195 .50 | - | - | 77.38195 .50 |

 | 06.08794 .50 | 06.08794 .50 | 06.08794 .50 | 06.08794 .50 | 06.08794 .50 | 06.08794 .50 |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- |

| 21.71993 .07 | 21.71993 .07 | 21.71993 .07 | 21.71993 .07 | 21.71993 .07 | 21.71993 .07 |
| :---: | :---: | :---: | :---: | :---: | :---: |


| 77.38308 .76 | 77.38421 .76 | 77.38534 .76 | 77.38308 .76 | 77.38421 .76 | 77.38534 .76 |
| :---: | :---: | :---: | :---: | :---: | :---: |


| - | - | - | 00.40570 .76 | 00.40570 .76 | 00.40570 .76 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 77.38986 .95 | 77.38986 .95 | 77.38986 .95 | 77.38986 .95 | 77.38986 .95 | 77.38986 .95 |
| 77.38647 .95 | 77.38647 .95 | 77.38647 .95 | 77.38647 .95 | 77.38647 .95 | 77.38647 .95 |
| 00.50007 .95 | 00.50007 .95 | 00.50 007.95 | 00.50 007.95 | 00.50007 .95 | 00.50007 .95 |
| 00.14.378.76 | 00.14.378.76 | 00.14.378.76 | 00.14.378.76 | 00.14.378.76 | 00.14.378.76 |
| 00.74205 .95 | 00.74205 .95 | 00.74205 .95 | 00.74205 .95 | 00.74205 .95 | 00.74205 .95 |
| 60.16052 .50 | 60.16165 .50 | 60.16278 .50 | 60.16052 .50 | 60.16165 .50 | 60.16278 .50 |

 \begin{tabular}{l:l:l:l:l:l:l}
60.77 \& 067.00 \& 60.77 \& 067.00 \& 60.77 \& 067.00 \& 60.77 <br>
067.00 \& 60.77 \& 067.00 \& 60.77 \& 067.00 <br>
\hline

 

60.44411 .00 \& 60.44411 .00 \& 60.44411 .00 \& 60.44411 .00 \& 60.44411 .00 \& 60.44411 .00 <br>
\hline
\end{tabular}



### 01.13 Lithium-ion batteries

More application options due to protection class IP54 (splash proof)
> Up to 25\% lighter than previous model
> Flexible fuse protection for connected devices
> Also available with an integrated capacity display (Wanzl SOC indicator)


## The new Lithium-ion batteries from Wanzl

Extended range of applications: In combination with our connection cable, the batteries are splash proof in accordance with protection class IP54. They can also be used in cold halls at a minimum temperature of $+5^{\circ} \mathrm{C}$.*

Service life: We guarantee at least 60\% of the initial capacity after 500 full cycles.**

Real time monitoring and data exchange: The capacity can be monitored in real time via the Wanzl SOC indicator. If the user would like to set up their own energy management, the battery can be equipped with a Communication Bus ( ${ }^{2} \mathrm{C}$ Bus) on request. This enables battery operation data to be exchanged with external systems.

### 01.13 Lithium-ion batteries

## We offer the basis, you have the options

## ■ Our Lithium-ion batteries expand the application

 range of our order picking and table trolleys providing a mobile electricity supply for your electrical accessories. The locking snap in mechanism prevents unintentional removal of the cable allowing for easy operation. For simple handling, we have reduced the weight by up to 25\%, compared to previous models.
# Li-Ion IIII Energy 

## Splash proof battery charger

The protection class IP54 charger is compatible with previous systems. The built-in LED display provides information about the charge level. The charger is also available with a quick charge function on request.


## Protecting connected devices

A 30 amp fuse is integrated into the battery, which protects sensitive devices against overcurrent. This can be replaced by a suitable fuse ( 4 to 30 amps ) according to requirements. *


## Mount and capacity display (optional)

The self locking mechanism has an expander which can be used to pull apart the bracket and attach it to the grid. The SOC indicator mounted on the battery informs the user about the remaining battery power in real-time.


The SOC indicator activates automatically when there is a current flow.

## Power supply for electrical drive

The batteries with an integrated bracket are ideally suited for supplying power to the electric motor on the KT3 "drive" order picking trolley. The use of replaceable batteries means that the trolley is always ready for operation.


### 01.13Lithium-ion batteries order overview

10 Ah design

| Lithium-ion battery | 10 Ah | 10 Ah with capacity display | 10 Ah with bracket | 10 Ah with bracket and capacity display |
| :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |
| Order no. (set) <br> Battery with charger and connection cable | 77.92 443.95-1003 | 77.92 443.95-1004 | 77.92 443.95-1000 | 77.92 443.95-1002 |
| Order no. <br> Battery only | 77.91 652.95-1003 | 77.91 652.95-1004 | 77.91 652.95-1000 | 77.91 652.95-1002 |
| Length x width x height (mm) | $187 \times 73 \times 250(7.4 \times 2.9 \times 9.8$ in) | $187 \times 73 \times 250(7.4 \times 2.9 \times 9.8$ in $)$ | $187 \times 101 \times 250(7.4 \times 4.0 \times 9.8$ in $)$ | $187 \times 101 \times 250(7.4 \times 4.0 \times 9.8$ in) |
| Weight (kg) | 2.4 (6.4 lb) | 2.9 (6.4 lb) | 3.9 (8.6 lb) | 3.9 (8.6 lb) |
| Capacity (Ah) | 10.25 | 10.25 | 10.25 | 10.25 |
| Temperature range ( ${ }^{\circ} \mathrm{C}$ ) | +50 to +350 | +50 to $+35^{0}$ | +50 to $+35^{0}$ | +50 to $+35^{0}$ |
| Charging time (h) | Approx. 3 | Approx. 3 | Approx. 3 | Approx. 3 |
| Voltage (V) | 25.2 | 25.2 | 25.2 | 25.2 |
| Max. current peak (A) | 80 | 80 | 80 | 80 |
| Operating current (A) | 30 | 30 | 30 | 30 |
| Service life (full cycles) | $>500$ | $>500$ | $>500$ | $>500$ |

## 20 Ah design

| Lithium-ion battery | 20 Ah | 20 Ah with capacity display | 20 Ah <br> with bracket | 20 Ah with bracket and capacity display |
| :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |
| Order no. (set) <br> Battery with charger and connection cable <br> Order no. <br> Battery only | 77.71 425.95-1003 77.91 539.95-1003 | 77.71 425.95-1004 77.91 539.95-1004 | 77.71 425.95-1000 77.91 539.95-1000 | 77.71 425.95-1002 77.91 539.95-1002 |
| Length x width x height (mm) | $187 \times 73 \times 317$ | $187 \times 73 \times 317$ | $187 \times 101 \times 317$ | $187 \times 101 \times 317$ |
| Weight (kg) | 4.8 ( 10.6 lb ) | 4.8 (10.6 lb) | 6.2 (13.7 lb) | 6.2 (13.7 lb) |
| Capacity (Ah) | 20.5 | 20.5 | 20.5 | 20.5 |
| Temperature range ( ${ }^{\circ} \mathrm{C}$ ) | +50 to $+35^{\circ}$ | $+5^{0}$ to $+35^{0}$ | +50 to +350 | +50 to $+35^{0}$ |
| Normal charging time (h) | Approx. 6 | Approx. 6 | Approx. 6 | Approx. 6 |
| Voltage (V) | 25.2 | 25.2 | 25.2 | 25.2 |
| Max. current peak (A) | 80 | 80 | 80 | 80 |
| Operating current (A) | 30 | 30 | 30 | 30 |
| Service life (full cycles) | >500 | >500 | >500 | >500 |

### 01.13 Lithium-ion batteries - accessories

## Wall bracket

The charger can be mounted on the wall at a convenient height using a special bracket. This charging station offers ergonomic grip, and means that the batteries are always in a fixed place during the charging process. Only suitable for rechargeable batteries with integrated holder.


## External Wanzl SOC indicator

This tool means you have a constant view of the battery's remaining capacity. With the external Wanzl SOC indicator, the charge level display can be installed at a viewable height. The display lights up as soon as the battery is in operation.


## Power supply for a peripheral device

You can connect a suitable peripheral device such as a monitor, radio scanner or printer to the battery via a 230 volt inverter meaning you can turn any trolley into a mobile workplace.

The inverter is available with a capacity of 350 W or 550 W.


Product numbers for accessories

| Connection cable | Charger | Wall <br> bracket without charger | Wall <br> bracket <br> with charger | External SOC indicator (charging status) | Inverter 350 W / 230 V | Inverter 550 W/230 V |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| IP54 plug, including 1.5 m long cable | for a 25.2 V Lithiumion battery | made of metal <br> Width: 650 mm (25.6 in) <br> Height: 220 mm ( 8.7 in ) | made of metal <br> Width: 650 mm (25.6 in) <br> Height: 220 mm ( 8.7 in ) | including fixing material for wire mesh |  <br> for 1 connecting device, modified AC voltage |  <br> for 1 connecting device, modified AC voltage |
| 77.91 087.95-0000 | 77.91 199.95-0000 | 77.60 038.50-0000 | 77.60 038.50-0001 | 77.60 264.50-0000 | 98.76 255.95-0000 | 98.76 256.95-0000 |

## Individual solutions

For special tasks

## You have the range of products, we have the right transportation solution!

- The modular design of the KT2, KT3 and KT4 order picking trolley family covers a wide range of applications thanks to the versatile combination optionsof the extensive range of standard modules.

Some customer requirements however, demand a bespoke product design tailored to the specific task. Wanzl, with its high level of consulting expertise, offers the possibility of designing very specific product solutions and constructing them for you.

Our Logistics + Industry Team sets your goods in motion with the right products and professional knowledge.

## Individual solutions



## Individual solutions

## Order picking trolleys for lingerie items

The order picking trolley is equipped with
3 shelves. The lowest shelf is intended for empty boxes and with a handy tilting mechanism, allows for ergonomic box filling. The centre shelf has a transparent working area, including scanner and cup holder. The top wire shelf can be used as a storage space for empty boxes or other work equipment. A clothes rail can be fitted to the side panel for transporting hanging goods, and can be folded away when not needed. An additional hinged working and storage area is located under the clothes rail.


## Order picking trolleys for sporting goods

The sports area boasts various items in a range of sizes. This order picking trolley has been specially designed for combined filling. Wooden shelves are provided on one side with variable dividers. Long dividers on the other side allow longer items such as skis or hiking poles to be carried.


## Individual solutions

## Order picking trolleys for small items

This trolley is ideally equipped for picking small items and has an added bonus with a number of additional features. Four wooden shelves with rear anti-slip guard offer plenty of storage space and a plastic box provides room for small items. One of the two side panels has two small item baskets and a storage shelf for work equipment. A label roll can be inserted on a metal tube between the two baskets. Refuse sacks on the opposite side panel make it easy to dispose of unwanted packaging material.
A plastic box for safe storage of personal effects offers added value for employees.


## Lightweight order picking trolleys

Easy order picking. This trolley has been made from a combination of aluminium, steel and various composite materials. The upper platform provides space for empty boxes and the lower platform space for filled cardboard packaging. The centre shelf slopes downwards and is equipped with roller tracks to make handling boxes more convenient. A screen above the handle guides the employee through the warehouse. A lithium polymer battery powers the electronic picking aids.


## 02 Product overview

02.01-02.03 Roll cage series RC/E - open basic design

${ }^{01}$ RC/E1

${ }^{02}$ RC/E2

${ }^{03}$ RC/E3

### 02.04-02.10 Roll cage RC/S series - fully closed structure


${ }^{04}$ RC/S1

${ }^{05}$ RC/S2





02.11-02.17 Roll cage RC/N series - nesting

${ }^{11}$ RC/N1

${ }^{12} \mathrm{RC} / \mathrm{N} 2$

${ }^{13}$ RC/N3 TYPE 1

${ }^{14}$ RC/N3 TYPE 2

${ }^{15}$ RC/N5

${ }^{16}$ RC/N6


${ }^{18}$ RC/N8 STANDARD ${ }^{18}$ RC/N8 SLIM LINE

Individual solutions


FOR TRANSPORTING LUGGAGE


FOR TRANSPORTING textiles


FOR TRANSPORTING ASSEMBLY MATERIALS

## 02 Roll cages



## Series RC/E roll cages

■ RC/E series roll cages can be used universally for numerous products. Our customers can decide between a metal platform or alternatively a robust plastic platform.

The containers can be collapsed and folded together easily to save space for empty transport or space saving storage.


### 02.01 RC/E1 roll cage

## Simple and robust

## > Plastic chassis

> Detachable side panels


RC/E1 basic model with a height of $1,540 \mathrm{~mm}$

## Clips

The side panels are detachable and are fastened securely to the chassis with clips.


Standard equipment: Chassis made of plastic, with wide supporting rails. Side panels made of round tube frame with flat steel mesh, integrated clips.

Castors: 2 fixed and 2 swivel castors made of polyamide.

Finish: Side panels with high gloss, galvanised and chrome-plated finish.

## Rear panel (optional)

## Plastic connection

elements secure the rear panel to the two side panels.


Wire shelf (optional)
The wire shelf can be attached at an interval of 360 mm .



### 02.02 RC/E2 roll cage

## The collapsible container solution

## > Optimised for storage and transport

> Light design

tension belt (accessory)

## Wire shelf (optional)

The wire shelf can be attached at intervals of 162 mm.


Standard equipment: Chassis made of metal, collapsible with sheet steel hinges. Hinged support surface made of wire mesh. Side panels made of square tube frame with wire mesh.

Castors: 2 fixed and 2 swivel castors made of polyamide.

Finish: High gloss, galvanised and chrome-plated.


### 02.03 RC/E3 roll cage

## Quick to fold

## > Textile tensioning belt as standard <br> > Detachable side panels

 height of $1,800 \mathrm{~mm}$

## Wire shelf (optional)

The wire shelf, with two raised edges, can be attached at intervals of 260 mm .


Standard equipment: Chassis made of metal, square tube frame with wire support surface, flat steel reinforcing strips. Side panels made of square tube frame with wire mesh.

Castors: 2 fixed and 2 swivel castors made of polyamide, one of the swivel castors with brake.

Finish: High gloss, galvanised and chrome-plated.


Basic model, folded

## Closing grate (optional)

The closing grate consists of a wire mesh and is attached to the side panels.



## Series RC/S roll cages

$\square$ With sophisticated technology and good handling qualities, the RC/S series is fully enclosed and theft proof as well as tailored to meet a wide range of requirements.

The mesh size of the panels can be optionally adapted for any application to make sure that the complete delivery suits the customer.


### 02.04 RC/S1 roll cage

## With plastic chassis

> Fully closed
> Light design


Basic model with height of $1,950 \mathrm{~mm}$ incl. wire shelf (accessories)

## Retaining hook

Additional fixing of the
door makes unauthorised access more difficult.


## Locking

The metal lock bar can also be secured with a padlock, if required.

Standard equipment: Chassis made of plastic, with wide supporting rails. Container structure made of round tube frame with wire mesh, integrated clips. Door with plastic hinges. Opening angle $270^{\circ}$.

Castors: 2 fixed and 2 swivel castors made of polyamide.

Finish: High gloss, galvanised and chrome-plated.

|  | RC/S1 | RC/S1 | RC/S1 |
| :---: | :---: | :---: | :---: |
|  |  |  |  |
| Order no. | 06.05539 .95 | 06.05537 .95 | 06.05538 .95 |
| A x B x C, length x width $\times$ height (mm) | $720 \times 810 \times 1,650$ | $720 \times 810 \times 1,850$ | $720 \times 810 \times 1,950$ |
| D, loading height (mm) | 1,450 | 1,650 | 1,750 |
| Mesh size (mm) | $50 \times 50$ | $50 \times 50$ | $50 \times 50$ |
| Castor Ø (mm) | 108 | 108 | 108 |
| Total load capacity / per shelf (kg) | $500 / 75$ | $500 / 75$ | $500 / 75$ |
| Weight (kg) | 45 | 55 | 65 |
| Accessories |  |  |  |
| Wire shelf | 28.07345 .50 | 28.07345 .50 | 28.07345 .50 |
| Wire shelf, with upward lip on one side | 28.09040 .50 | 28.09040 .50 | 28.09040 .50 |

### 02.05 RC/S2 roll cage

## Optimised for transporting Euro standard boxes

> Fully closed
> With wire shelf as standard


RC/S2 basic model

## Wire shelf

The standard wire shelf can be folded up easily and conveniently.


Standard equipment: Metal chassis. Square tube frame with wire support surface, flat steel reinforcing strips. Container structure made of square tube frame with wire mesh, bolted and riveted. Door with metal hinges.
Opening angle $270^{\circ}$.
Castors: 2 fixed and 2 swivel castors made of polyamide.
Finish: High gloss, galvanised and chrome-plated.

Locking
Lateral locking mechanism, automatic latching. Can be locked with padlock if required.


### 02.06 RC/S8 roll cage

## Sturdy and compact

> Fully closed
>Robust design


RC/S8 basic model with attach-
able wire shelf (accessory)

## Wire shelf (optional)

The wire shelf can be attached at an interval of 50 mm .
Available in flat variant, or with one side with upward lip.


Standard equipment: Metal chassis. Square tube frame with wire support surface, flat steel reinforcing strips. Container structure made of square tube frame with wire mesh, screwed and riveted. Door with metal hinges.
Opening angle $270^{\circ}$.
Castors: 2 fixed and 2 swivel castors made of polyamide.

Finish: High gloss, galvanised and chrome-plated.

## Locking

The locking mechanism can be secured with a padlock if required.


### 02.07 RC/S9 roll cage

## Optimised loading area for transport in trucks

> Fully closed<br>> Basis for many customer specific variants



## Brake mechanism

Two swivel castors are equipped with brakes.

Standard equipment: Metal chassis. Square tube frame with wire support surface, strengthened with reinforcing strips. Container structure made of square tube frame with wire mesh, riveted. Door with metal hinges. Opening angle $270^{\circ}$.

Castors: 4 swivel castors made of polyamide, 2 with brakes.

Finish: High gloss, galvanised and chrome-plated.

Locking
Latching 3 point locking element as shipping lock.

The locking mechanism can be secured with a padlock if required.


# 02.07 RC/S9 roll cage - model variants 

Roll cages that we have individually developed and produced for our customers.

The RS/S9 roll cage forms the basis for many model variants. Whether open or enclosed, mobile or installed on a pallet, with wire or wooden shelves - with the RC/ S9 you always have the right equipment.

Do you need a customised roll cage?
No problem. Contact our sales team. We'd be delighted to help you!

## For order picking for dispatch <br> Chassis and shelves with wooden support (3 levels on each side). Divider in centre. Adjustable shelf dividers. <br> Intended use: Order picking for dispatch. <br> 

## For tugger trains

With 5 wire shelves
(25 mm raised edge), including 2 firmly screwed into place. Incl. clutch and drawbar.

Intended use: Supply of production-line components and semi-finished products.


## For storage

Container with pallet, 2 door leaves on each long side, 1 dividing wall in the centre. Fully closed.

Intended use: Storage of residual or small items in the warehouse.


## For transporting packages

Chassis with wooden
board, open at the front, with 3 tension belts.

Intended use: Transport of packages.


For posters and small items

Fully enclosed, incl. 5 wooden shelves with compartment dividers. Rear panel with basket on outside for posters.

Intended use: Storage of materials for placement of posters and signage.


## For hanging goods

With clothes rail and chassis with wooden board.

Intended use: Order picking and intermediate storage of clothing.


### 02.08 RC/S10 roll cage

## Wide design

> Fully closed
> Two leaf door
 and raised edge on one side of wire shelf (accessory)

## Locking

Latching 3 point locking
element as shipping lock.
The locking mechanism can be secured with a padlock if required.

| Order no. | 06.04407 .50 | 06.19550 .50 |
| :--- | :--- | :--- |
| A, length (mm) | 1,520 | 1,520 |
| B, width (mm) | 635 | 635 |
| C, height (mm) | $\mathbf{1 , 4 0 5}$ | $\mathbf{1 , 7 0 0}$ |
| D, loading height (mm) | 1,215 | 1,510 |
| Mesh size (mm) | $50 \times 50$ | $50 \times 50$ |
| Castor D (mm) | 125 | 125 |
| Total load capacity / per shelf (kg) | $400 / 75$ | $400 / 75$ |
| Weight (kg) | 62 | 70 |
| Accessories |  |  |
| Wire shelf, with upward lip on one side | 28.05537 .50 | 28.05537 .50 |
|  |  |  |



Standard equipment: Metal chassis. Square tube frame with wire support surface, strengthened with reinforcing strips. Container structure made of square tube frame with wire mesh, riveted. Door with metal hinges. Opening angle $270^{\circ}$.

Castors: 4 swivel castors made of polyamide, 2 with brakes.

Finish: High gloss, galvanised and chrome-plated.

## Brake mechanism

Two swivel castors are equipped with brakes.


### 02.09 RC/S11 roll cage

## Optimised loading area for transport in trucks

## > Fully closed

> Shallow depth of 610 mm

## Locking

Latching 3 point locking
element as shipping lock.

The locking mechanism can be secured with a padlock if required.

| Order no. | 06.42 489.50 |
| :--- | :--- |
| A, length $(\mathrm{mm})$ | 1,205 |
| B, width $(\mathrm{mm})$ | 610 |
| C, height $(\mathrm{mm})$ | 1,920 |
| D, loading height $(\mathrm{mm})$ | 1,720 |
| Mesh size $(\mathrm{mm})$ | $50 \times 50$ |
| Castor $(\mathrm{mm})$ | 125 |
| Total load caparity / per shelf $(\mathrm{kg})$ | $500 / 75$ |
| Weight $(\mathrm{kg})$ | 55 |
| Accessories | 28.01515 .50 |
| Wire shelf |  |



Standard equipment: Metal chassis. Square tube frame with wire support surface, strengthened with reinforcing strips. Container structure made of square tube frame with wire mesh, riveted. Door with metal hinges. Opening angle $270^{\circ}$.

Castors: 2 fixed and 2 swivel castors. Swivel castors with total brakes. Elastic tread, grey.

Finish: High gloss, galvanised and chrome-plated.

## Brake mechanism

Two swivel castors are equipped with total brakes.


### 02.10 RC/S14 roll cage

## With trolley hitch

> With two leaf door<br>> Fully closed



## Brake mechanism

The two fixed castors in the centre are equipped with a brake system.

Standard equipment: Chassis made of square tubing with wooden support. Container structure made of square tube frame with wire mesh, riveted. Door with metal hinges. Opening angle $270^{\circ}$.

Castors: 4 swivel castors and 2 fixed castors with integrated brake system. Rubber tread.

Finish: High gloss, galvanised and chrome-plated.

Hitch
Enables interconnection of a maximum of four roll cages.


Locking
Latching 3 point locking element as shipping lock. The locking mechanism can be secured with a padlock if required.


## Pushing handle

The integrated horizontal pushing handle facilitates safe handling.


## Series RC/N roll cages

Because warehouse and shipping space is
valuable, $\mathrm{RC} / \mathrm{N}$ series roll cages are collapsible and can be pushed together to save maximum space for transport and storage.

You choose the desired design - two side panels, fully closed or with hinged shelves, either as standard or optional equipment.


### 02.11 RC/N1 roll cage

## Light design

> Can be nested to save space<br>> Locking mechanism suitable for padlock



RC/N1 basic model with additional wire shelf (accessory)

## Locking

The locking mechanism can be secured with a padlock if required.


Standard equipment: Chassis made of square tube frame, welded. Hinged support surface made of wire mesh. Container structure made of round tube frame with wire mesh and plastic hinges. Door opening angle $270^{\circ}$.

Castors: 2 fixed and 2 swivel castors made of polyamide.

Finish: High gloss, galvanised and chrome-plated.

Can be nested to save space

Space requirement in row

| Per roll cage | 200 mm |
| :--- | ---: |
| 10 roll cages | $2,655 \mathrm{~mm}$ |
| 50 roll cages | $10,655 \mathrm{~mm}$ |



### 02.12 RC/N2 roll cage

## With two-part door

> With clothes rail and wire shelf as standard<br>> Fully closed



RC/N2 basic model with hinged wire shelf (standard)

## Plate

Made of metal. For stickers, labelling, etc.
Size $114 \times 323 \mathrm{~mm}$


Standard equipment: Square tube frame chassis, curved. Hinged support surface made of square tube frame with wire mesh and reinforcing flat steel strips. Container structure made of round tube frame with wire mesh and plastic hinges.Two-part door with opening angle of $270^{\circ}$.

Castors: 2 fixed and 2 swivel castors made of polyamide.
Finish: High gloss, galvanised and chrome-plated.

Can be nested to
save space

## Space requirement in row

Per roll cage $\quad 200 \mathrm{~mm}$
10 roll cages $\quad 2,655 \mathrm{~mm}$
50 roll cages $\quad 10,655 \mathrm{~mm}$


## Hanging rail

Hinged. Made of round tube with plastic hinge.


# 02.13 RC/N3 roll cage, type 1 

## Optimised for transporting Euro standard boxes

> With wire shelf as standard<br>> Basis for many customer-specific variants



RC/N3 TYPE 1 basic model
Supplied without standard boxes.

Standard equipment: Chassis made of square tube frame, curved. Folding support surface made of flat steel frame with wire, strengthened with reinforcing strips. Container structure made of round tube frame with wire mesh and plastic hinges. Door opening angle $270^{\circ}$.

Castors: 2 fixed castors, 2 swivel castors with brakes. Elastic tread, grey.

Finish: High gloss, galvanised and chrome-plated.

Can be nested to
save space

Space requirement in row
Per roll cage $\quad 290 \mathrm{~mm}$
10 roll cages $\quad 3,480 \mathrm{~mm}$
50 roll cages $\quad 15,080 \mathrm{~mm}$


## Moving aid

The integrated footoperated rail aids movement over steps and door sills.


# 02.14 RC/N3 roll cage, type 2 

## Optimised for transport on the loading area of trucks

> With wire shelf as standard<br>> With integrated foot-operated rail



RC/N3 TYPE 2 basic model

Standard equipment: Square tube frame chassis, curved. Folding support surface made of flat steel frame with wire, strengthened with reinforcing strips. Container structure made of round tube frame with wire mesh and plastic hinges. Door opening angle $270^{\circ}$.

Castors: 2 fixed castors, 2 swivel castors, incl. 1 with brake. Elastic tread, grey.

Finish: High gloss, galvanised and chrome-plated.

Can be nested to
save space

## Space requirement in row

Per roll cage
10 roll cages $\quad 3,500 \mathrm{~mm}$

50 roll cages $\quad 15,550 \mathrm{~mm}$


## Optimised dimensions

 for transport in trucksThanks to the narrow width of $600 \mathrm{~mm}, 4$ roll cages can be arranged next to each other in most truck trailers.


### 02.15 RC/N5 roll cage

## Optimised for transport on the loading area of trucks

> Can be nested to save space
> Three sided design


Can be nested to save space

Space requirement in row

| Per roll cage | 210 mm |
| :--- | ---: |
| 10 roll cages | $2,715 \mathrm{~mm}$ |
| 50 roll cages | $11,115 \mathrm{~mm}$ |

## Fixing

The net weight of the goods provides additional security to the side panels.


| Order no. | 06.17290 .50 |
| :--- | :--- |
| A x B x C, length x width $\times$ height (mm) | $800 \times 820 \times 1,750$ |
| D, loading height (mm) | 1,515 |
| Mesh size (mm) | $375 \times 115$ |
| Castor Ø (mm) | 125 |
| Total load capacity / per shelf (kg) | $400 / 75$ |
| Weight (kg) | 45 |
| Accessories | 00.62326 .50 |
| Wire shelf | 00.22467 .00 |
| Textile tension belt | 00.14207 .07 |
| Rubber tension belt |  |

Standard equipment: Square tube frame chassis, curved. Folding support surface made of square tube frame with wire, strengthened with reinforcing strips. Rear panel made of wire grate and edged metal sheet. Side panels made of round tube frame with wire mesh and metal hinges.

Castors: 2 fixed and 2 swivel castors made of polyamide.
Finish: High gloss, galvanised and chrome-plated.

manoeuvrability.

## Lateral recesses

Reliable and easy container


# 02.16 RC/N6 roll cage 

## Optimised for transport on the loading area of trucks

> With integrated moving aid<br>> Fully closed


attachable wire shelf (standard)

Standard equipment: Square tube frame chassis, curved. Hinged support surface made of square tube frame with wire, with reinforcing strips. Container structure, made of round tube frame with wire mesh and metal hinges. Door leaf opening angle $270^{\circ}$.

Castors: 4 swivel castors, incl. 2 with brake. Elastic tread, grey.

Finish: High gloss, galvanised and chrome-plated.

Can be nested to save space

Space requirement in row
Per roll cage
10 roll cages 50 roll cages

400 mm
$4,355 \mathrm{~mm}$
$20,355 \mathrm{~mm}$


## Moving aid

The integrated rail for foot or forklift fork, supports movement over steps and door sills.


# 02.17 RC/N8 roll cage 

## Optimised for transport on the loading area of trucks

> Can be nested to save space
> Textile tensioning belt as standard


Standard equipment: Chassis made of square tube frame, with bottom tray that can be folded up at the side. Side panels made of square tube frame with welded wire grate. Side panels rotatable around A-frame. Incl. 2 textile tensioning belts.

Castors: 2 fixed and 2 swivel castors made of polyamide.

Finish: High gloss, galvanised and chrome-plated.

Can be nested to save space

Space requirement in row

Per roll cage
10 roll cages
50 roll cages


## Pivotable side panels

The bottom tray is attached to the side panels and is easy to fold up. The side panels, which can now be freely swivelled, are pushed onto the A-shaped chassis and make it possible to push the roll cages into each other.


# 02.17 RC/N9 standard roll cages 

Ideal for food retailers

> Can be nested with a simple grip<br>> With metal or plastic base



Standard RC/N9
with plastic chassis

Can be nested to save space

Space requirement in row

| per roll cage | 225 mm |
| :--- | ---: |
| 10 roll cages | $2,871 \mathrm{~mm}$ |
| 50 roll cages | $11,871 \mathrm{~mm}$ |



## Base secured using magnets

The chassis can be folded up and down with a simple grip. The panel is equipped with magnets that fix the panel to either the side panel or the chassis.



| Order no. with metal base | 06.90 515.50-V001 | 06.90 515.50-V002 |
| :---: | :---: | :---: |
| Order no. with plastic base | 06.90 515.50-V003 | 06.90 515.50-V004 |
| Length x width x height (mm) | $844 \times 761 \times 1,933$ | $844 \times 761 \times 1,933$ |
| Castor Ø (mm) | 125 | 125 |
| Total load capacity (kg) | 600 | 600 |
| Weight (kg) | 45 | 45 |
| Accessories |  |  |
| Wire shelf | 77.46 764.50-0000 |  |
| Plastic shelf, blue | 77.29 814.95-5005 |  |
| Rubber strap | 00.14 207.07-0000 |  |
| Castor set, elastic tread, Ø 125 mm | 60.72 218.00-0000 |  |

# 02.18 RC/N9 slimline roll cages 

Ideal for food retailers

## > Can be nested with a simple grip

> With metal or plastic base
> Narrow design


RC/N9 SLIMLINE
with plastic chassis

Standard equipment: Z-shaped chassis made of square tube frame with profile end caps. Two side panels made of round tube frame with wire mesh. Hinged metal or plastic chassis in RAL 5005 Signal blue. Incl. 2 textile straps.

4-sided design: each side panel has one door in the front and the back for a closed structure. Including a suspended static rod for stabilisation.

Castors: 2 swivel castors and 2 fixed castors made of polyamide.

Surface finish: high gloss, galvanised, chrome-plated.

Can be nested to save space

Space requirement in row
per roll cage
10 roll cages
344 mm
50 roll cages
3,942 mm
$17,702 \mathrm{~mm}$


## Base secured using magnets

The chassis can be folded up and down with a simple grip. The panel is equipped with magnets that fix the panel to either the side panel or the chassis.


## Individual solutions



## Individual solutions

## for special tasks



## Roll cage for luggage transport

This roll cage was designed for use on a cruise
ship. As there was only limited storage space available, it had to be possible to nest the containers together to save space. All round film covers protect luggage against dirt and dust. A central brake, which is operated via a foot lever, secures the container against rolling away when the floor moves, both during stowing and when loading and unloading.


Can be nested to save space.


The side panels are divided into two and can be swivelled in the front area. They can also be folded outwards for easier loading and unloading.


Central brake with foot lever (view with bottom tray folded upwards).

## Individual solutions

## Roll cage for transporting textiles

This modified RC/S9 roll cage was developed by Wanzl for a customer to transport semi-finished textile products between individual production locations.
The RC/S9 container was equipped with a customised rod construction for holding textiles. The complete equipment with film covers offer all round protection of the goods against dirt and dust.


Roll cage for transporting assembly accessories

A customer needed bespoke roll cages for transporting carpet panels and the assembly materials required for them. These had to guarantee transport between the production locations without any damage. Wanzl designed a roll cage on the basis of the RC/S9 for transportation using a forklift and with numerous compartments for holding the materials. There are two doors each on the front and rear for optimum loading and unloading of up to 250 kg .


## 03 Tugger trains

■ Efficient, customised solutions: individual transport to workplaces or transfer locations takes up a lot of manpower and is, therefore, cost intensive. For this reason, the use of forklifts for transporting items is increasingly being replaced by tugger trains and milk run systems in logistics - especially if the loaded or unloaded trolleys have to cover long distances.

Wanzl has also taken note of this trend with specially equipped picking trolleys and roll cages, as well as pallet and floor rollers. All trailers are individually tailored to your requirements by our planning team, in order to provide a reliable transport solution in all respects - we would be happy to answer any questions on our solutions by phone or in person at your site.


## 03 Tugger trains



Tugger trains MADE BY WANZL

## NEW: tugger trains with steering axle

In order to increase sales productivity, internal logistics in many companies is increasingly focused on improving space utilisation. This results in narrow aisle widths in warehouses and production facilities.


[^2]Our chassis with steering axle offers the perfect solution, since it guarantees significantly greater track precision in comparison with conventional trolleys, and therefore also easily overcomes the problem of narrow spaces.


## 04 Product overview

### 04.01 Special transporters


${ }^{01}$ SP2

${ }^{01}$ SP2 DUO

${ }^{01}$ SP3

### 04.02 T series transport trolleys


${ }^{02} \mathbf{T 5}$


${ }^{02} \mathbf{T} 25$
04.03-04.05 Table trolleys

${ }^{03}$ KT-T2

${ }^{04}$ кт-т3
${ }^{05}$ KT-T4


04.06-04.08 Transport trolleys

${ }^{07}$ MUC® SERIES

04.10 Floor roller WBR
04.09 Pallet trolley

04.11 Panel transporters

${ }^{12}$ WITH GUIDE BARS

${ }^{12}$ NESTING

${ }^{12}$ NESTING, WITH GOODS STORAGE
04.12 Transport baskets

${ }^{12}$ TK-D TYPE 1

${ }^{12}$ TK-D TYPE 2
04.13-04.14 Cardboard packaging trolley

${ }^{14}$ KT-VP2

## 04 Transport trolleys



### 04.01 SP special transporter

For transporting bulky goods
> Ergonomically designed handle
> Nesting


SPECIAL TRANSPORTER SP2 DUO
with flagpole and connector plate (accessories)

SPECIAL TRANSPORTER SP2
With castors Ø 160 mm

Standard equipment: Frame made of flat oval tubing, round tubing bars with ergonomically shaped handles made of shatterproof plastic. Frost and water resistant wooden platform with protective frame all round made of square tube.
SP2 Duo: with additional hinged wooden shelf.
SP3: with side support bracket.

Castors: 2 Wanzl fixed castors and 2 Wanzl swivel castors, rubber tread.

Finish: High gloss, galvanised and chrome-plated.

### 04.01 SP special transporter

$■$ The SP special transporter is used wherever there is a need to transport bulky materials and heavy components without excessive effort. With skids as standard, it is easy to nest them as well.


## Ample leg room

It is easy to push the trolley without risk of injury.


Colours, optional
Standard colours available for the handles. For Cl -compliant design.

| Flame red | RAL 3000 |
| :--- | :--- |
| Pure Orange | RAL 2004 |
| Traffic Green | RAL 6024 |
| Ultramarine blue | RAL 5002 |
| Anthracite grey | RAL 7016 |

## Risk of injury

prevented
The buffer on the handle prevents injuries when transporting sheet materials.


Can be nested to save space

The transport trolleys can be pushed together to save space.


|  | SP2 |  | SP2 Duo | SP3 |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\int_{0}^{0}=\sqrt{30}$ |  |  |  |  |
| Order no. | 05.20456 .51 | 05.20458 .51 | 05.42030 .52 | 05.20457 .51 | 05.20459 .51 |
| A x B $\times$, length $\times$ width $\times$ height ( $m m$ ) | $1,070 \times 650 \times 1,100$ | $1,070 \times 650 \times 1,140$ | $1,070 \times 650 \times 1,100$ | $1,070 \times 650 \times 1,100$ | $1,070 \times 650 \times 1,100$ |
| Platform length x width ( mm ) | $940 \times 540$ | $940 \times 540$ | $940 \times 540$ | $980 \times 560$ | $980 \times 560$ |
| Castor Ø (mm) | 125 | 160 | 125 | 125 | 160 |
| Load capacity (kg) | 250 | 400 | 250 | 250 | 400 |
| Weight (kg) | 23 | 28 | 36 | 32 | 32 |
| Nesting depth per trolley | 325 | 325 | 325 | 325 | 325 |
| Space requirement for 10 trolleys | 3,770 | 3,770 | 3,770 | 3,770 | 3,770 |
| Accessories |  |  |  |  |  |
| Flagpole | - | - | 77.43968 .52 | - | - |
| Clipboard | . | - | 05.42149 .95 | - | - |

# 04.02 T series transport trolleys 

Our little helper

> With wooden or wire platform



## T5 transport trolley

Standard equipment: Can be nested to save space. Frame of flat rolled steel tubing with plastic handle caps. Wooden platform, frost and water-resistant seal with non-slip screen embossing. Including metal display, $255 \times 204 \mathrm{~mm}$.

Can be nested to save space

## Space requirement in row

per transporter 300 mm 10 transporters $3,898 \mathrm{~mm}$

Castors: 4 Wanzl swivel castors, bonded on, incl. 2 with brake. Rubber tread.

Finish: Plastic powder coating.


### 04.02 T series transport trolleys



## T21 transport trolley

Standard equipment: Can be nested to save space. Chassis made of flat oval tubing. Structure made of round tubing. Wire shelf can be folded up, with double edging wire.

Castors: 4 Wanzl swivel castors, rubber tread.
Finish: High gloss, galvanised and chrome-plated.

Can be nested to save space
Space requirement in row per transporter 300 mm 10 transporters $3,580 \mathrm{~mm}$


## T25 transport trolley

Standard equipment: Can be nested to save space. Rack made of flat rolled steel tubing. Wire platform with double edging wire. With tightly meshed wire basket.

Castors: 4 Wanzl swivel castors, rubber tread.

Finish: High gloss, galvanised and chrome-plated wire basket and platform, plastic powder coated chassis.

Can be nested to save space
Space requirement in row per transporter 300 mm 10 transporters $\quad 3,770 \mathrm{~mm}$


### 04.03 KT-T2 table trolley

The box and tub transporter with wire platform


Standard equipment: Chassis with welded bottom tray, and side panels made of square tube frame, 1 screw on shelf with anti-slip guard, comfort handle for improved manoeuvrability.

Castors: 4 swivel castors, including 2 with brake. 5th castor in the centre. Rubber tread. The trolley can be rotated on the spot.

Finish: Plastic powder coating.


### 04.04 KT-T3 table trolley

## Ergonomic order picking into (cardboard) boxes



Standard equipment: Table trolley with two ergonomic wooden shelves with protection against falling.

Castors: 4 swivel castors, rubber tread.
Finish: High gloss, galvanised and chrome-plated.


### 04.05 KT-T4 table trolley

The box and tub transporter with wooden platform


Standard equipment: Chassis made of sturdy square tubing, side panels with comfort handles, ergonomically arranged wooden platform with protection against falling.

Castors: 4 swivel castors, with 5th castor in the centre. Rubber tread. The trolley can be rotated on the spot.

Finish: Plastic powder coating.


### 04.06 W 71 E transport trolley

Can be folded to save space


Standard equipment: Wire mesh platform, round tube pushing handle. Easy to use folding mechanism, self locking.

Castors: 4 swivel castors, rubber tread.
Finish: High gloss, galvanised and chrome-plated.


# 04.07 MUC ${ }^{\circledR}$ series transport trolleys 

For a greater level of pushing comfort
> Generous loading areas with high loading capacity
> Can be nested to save space


Standard equipment: Chassis made of sturdy flat oval tubing with bumper profiles. Tightly meshed wire platform. Plastic deflector ring in anthracite grey RAL 7016. Small items basket made of wire.

Castors: 4 Wanzl swivel castors, rubber tread.
MUC® 950 with 5th castor for better manoeuvrability.
Finish: High gloss, galvanised and chrome-plated.


# 04.08 TW-N transport trolley 

## Perfectly coordinated for Euro standard boxes

> Extremely manoeuvrable castor makes it extremely manoeuvrable > Nesting


Standard equipment: Chassis, side panels, and shelf frames made from flat oval tubing. 3 shelves with antislip wooden platform. Flat steel stabilisers underneath the shelves. With black coated, metal writing board.

Castors: 4 swivel castors, including 2 with brake. Centrally fitted 5th castor. Elastic tread.

Finish: Plastic powder coated in anodised silver, metallic matt 7074.


Can be nested to save space
Space requirement in row per transporter 400 mm 10 transporters 5000 mm


5th castor as standard

Mechanical design, simplifies steering and manoeuvring.


# 04.09 Pallet trolleys 

For transporting Euro pallets measuring 1,200 x 800 mm


A maximum of 4 pallet trolleys can be connected in a train!

## Pallet trolley type 1

Standard equipment: Chassis made of square tubing with drawbar.

Castors: 2 fixed and 2 swivelcastors, incl. 2 with brake. Elastic tread, blue.

Finish: High gloss, galvanised and chrome-plated.


### 04.09 Pallet trolleys



PALLET TROLLEY TYPE 2

## Pallet trolley type 2

Standard equipment: Chassis made of square tubing with drawbar. Push bar made of round pipe, removable.

Castors: 2 fixed and 4 swivel castors, incl. 2 with brake. Elastic tread, blue.The 6 castor wheels allow better manoeuvrability with a high load capacity.

Finish: High gloss, galvanised and chrome-plated.

## Chassis, mobile

Standard equipment: Flat steel chassis, with base support.

Castors: 4 swivel castors, rubber tread.
Finish: High gloss, galvanised and chrome-plated.


### 04.10 Floor roller WBR

The transporter and order picking trolley in one

> Hitch enables train transport<br>> Loading area designed to transport Euro containers<br>> Nestable to save space



Standard equipment: Support surface made of mesh grate. Coupling drawbar for connection of multiple floor rollers.

Castors: 2 fixed and 2 swivel castors, elastic tread, blue.
Finish: High gloss, galvanised and chrome-plated.

## Hitch

Up to six floor rollers can be connected to one another in a train. The chassis is also available without the coupling and drawbar.

Can be stacked to save space

Up to ten floor rollers can be stacked together in opposing directions.


## Euro standard boxes

The loading areas of the floor rollers are adapted for transporting Euro standard boxes.


## 04．10 Floor roller WBR

## Side sections（optional）

The side sections are attached to the chassis using adapter plates．A fixed pole or screwed in shelf ensures additional stability．


Wire shelves（optional）
Attachable or screw in wire shelves are available as an accessory to the side sections．


## Writing board（optional）

The coated metal board is attached to the side section and can be written on using chalk．


## Wire tray（optional）

Thanks to the narrow mesh
size of $5 \times 5 \mathrm{~mm}$ ，your small items are safe here．


| Design | WBR 1 | WBR 2 | WBR 3 |
| :---: | :---: | :---: | :---: |
| Basic model order no． | 06．64 810．50－v001 | 06．64 820．50－v001 | 06．64 830．50－V001 |
| A，length（mm） | 600 | 800 | 800 |
| B，width（mm） | 400 | 400 | 600 |
| C，height（mm） | 147 | 147 | 147 |
| Castor wheels Ø（mm） | 100 | 100 | 100 |
| Max．loading capacity per floor roller while standing（kg） | 150 | 150 | 150 |
| Max．loading capacity per floor roller in train（kg） | 100 | 100 | 100 |
| Max．loading capacity in train，total（kg） | 600 | 600 | 600 |
| Weight（kg） | 7.8 | 9.5 | 10.5 |
| Max．permissible number of stacked floor rollers | 10 | 10 | 10 |
| Accessories |  |  |  |
| 困 䦕 Side sections | 77.81 463．50－0000 | 77.81 463．50－0000 | $77.81576 .50-0000$ |
| Adapter plates（set） For assembly of side sections on the chassis | 77.02 928．50－0000 | 77．02 928．50－0000 | $77.02928 .50-0000$ |
| Fixed pole To stabilise the side panels | 77.81 689．50－0000 | 77.81 802．50－0000 | 77.81 802．50－0000 |
| 閊 围 Wire shelf，attachable | $77.81915 .50-0000$ | 77.82 028．50－0000 | 77.82 141．50－0000 |
| 进 Wire shelf，screw in | 77.82 254．50－0000 | 77．82 367．50－0000 | 77.82 480．50－0000 |
| Writing board $125 \times 150 \mathrm{~mm}$ ，coated metal board in jet black，matt | 77．56 264．95－9098 | 77．56 264．95－9098 | 77．56 264．95－9098 |
| 灰 Wrell $\begin{aligned} & \text { Wditing board，attachable angle，with clamping strip for formats up to DIN A4 }\end{aligned}$ | 00．50 007．95－0000 | 00．50 007．95－0000 | 00．50 007．95－0000 |
| $\square$ Wire tray for small items W $235 \times$ D $170 \times H 135 \mathrm{~mm}$ ，mesh size $5 \times 5 \mathrm{~mm}$ ，plastic coated，in RAL 9005 jet black | 00．14 378．76－9005 | 00．14 378．76－9005 | 00．14 378．76－9005 |

### 04.11 Panel transporters

## With variable guide bars



Can be nested to save space


Standard equipment: Chassis made of sturdy square tube frame with variably attachable side bar and divider. Wooden platform with non-slip sieve embossing.

Castors: 4 bonded on swivel castors, including 2 with brake.

Finish: High gloss, galvanised and chrome-plated.


Standard equipment: Tube construction with three nonslip support surfaces, optionally with additional integrated goods shelf.

Castors: 4 swivel castors, including 2 with brake.
Rubber tread.
Finish: Plastic powder-coated in RAL 5002 ultramarine blue.

Can be nested to save space
Space requirement in row
per trolley
270 mm
10 trolleys
3,280 mm


### 04.12 TK-D transport baskets

With lid, stackable


Standard equipment: Wire mesh basket with lid, lockable with padlock (not included in scope of delivery).

Castors: 4 Wanzl swivel castors, rubber tread.
Finish: High gloss, galvanised and chrome-plated.

|  | TK-D type 1 | TK-D type 2 |
| :---: | :---: | :---: |
|  |  |  |
| Order no. | 05.42714 .50 | 05.41810 .50 |
| A $\times$ B $\times$ C, length $x$ width $\times$ height (mm) | $917 \times 692 \times 758$ | $967 \times 740 \times 967$ |
| D, basket height (mm) | 585 | 794 |
| Mesh size (mm) | approx. $35 \times 90$ | approx. $35 \times 90$ |
| Basket volume (litres) | 280 | 400 |
| Castor Ø (mm) | 100 | 100 |
| Load capacity (kg) | 150 | 150 |
| Weight (kg) | 20 | 23 |

# 04.13 KT-VP1 cardboard packaging trolley 

For provision of packaging material
> For unfolded boxes of various sizes
> Numerous dividers



The clever grate system enables a wide range of transportation options

## KT-VP1



| Order no. | $06.45540 .50-0000$ |
| :--- | :--- |
| Length $x$ width $x$ height (mm) | $1,200 \times 795 \times 2,010$ |
| Castor $\emptyset(\mathrm{mm})$ | 125 |
| Total load capacity (kg) | 125 |
| Top shelf load capacity (kg) | 70 |
| Chassis load capacity (kg) | 70 |
| Weight (kg) |  |

# 04.14 KT-VP2 cardboard packaging trolley 

For provision of packaging material
> For large unfolded boxes
> With coupling and drawbar for use in tugger trains



Easy transport of large items of cardboard packaging with a secure hold


Coupling and drawbar for use in tugger trains

Standard equipment: Chassis made of square tubing with sturdy wire grate with coupling and drawbar, enclosed on 3 sides with wire grate, 1 note holder, 2 interior support arms made from robust tubing.

Castors: 4 swivel castors, including 2 with brake. Rubber tread.

Finish: High gloss, galvanised and chrome-plated.


KT-VP2


| Order no. | $06.00237 .50-\mathrm{V} 463$ |
| :--- | :--- |
| Length x width x height (mm) | $1,297 \times 625 \times 1,830$ |
| Mesh size $(\mathrm{mm})$ | $50 \times 50$ |
| Castor $\emptyset(\mathrm{mm})$ | 125 |
| Total load capacity $(\mathrm{kg})$ | 300 |
| Weight $(\mathrm{kg})$ | 55 |

## 05 Product overview

05.01-05.05 Stacking baskets

${ }^{01}$ STORAGE BASKET 500

${ }^{01}$ STORAGE BASKET 1000

${ }^{02}$ FIFO

${ }^{03}$ STX

${ }^{04}$ KMF

${ }^{05} \mathrm{KKF}$
05.06-05.08 Pallet boxes

${ }^{06}$ PA-X/S SERIES



### 05.09-05.12 Pallet containers


05.13 System pallet
05.14 Pallet bar

${ }^{13}$ SYSTEM PALLET

${ }^{14}$ PALLET BAR TYPE 2

## 05 Storage equipment



## EasyStore

## The flexible storage solution

With our storage baskets you can set up or dismantle a goods warehouse in an instant. The modular design principle offers plenty of scope for constantly changing requirements: extend and convert, all without using any tools.


STACKING BASKET FIFO


The storage baskets can also be combined individually within a particular model range. Therefore, with a maximum stacking height of 3 metres, you can stack small and large wire baskets on top of each other.

EasyStore by Wanzl - low cost and clever!


# 05.01 Storage baskets 500/1000 

## > Easy handling thanks to stackable storage baskets <br> > Quick setup and dismantling with no tools required <br> > Low purchase costs



STORAGE BASKET 500
with divider (accessories)

## Storage baskets 500 and 1000

Standard equipment: Sturdy wire construction with edging wire, $\varnothing 8 \mathrm{~mm}$. Each wire crossover is spot-welded. Wire stacking feet. With metal sign on the front, bottom left. Storage basket 1000 also with hinged front panel and wire base reinforced with flat steel strips.
The baskets can also be stacked together when mixed.

Finish: Plastic powder coating.


Stacking feet (optional)
To support and fix storage baskets arranged next to each other.


### 05.02 FIFO stacking basket

Allows access from two sides
> Mobile storage combined with floor roller
> Perfect for frequently changing product ranges


Standard equipment: Chassis with stacking feet incl. protection against falling, folding rear panel. Large front opening for easy removal of items.

Finish: Plastic powder coating or high gloss, galvanised and chrome-plated.

Accessories: Floor roller made from angular metal strips with holders for stacking feet, 4 swivel castors ( $\varnothing 75 \mathrm{~mm}$ ), including 2 with brake.


| Stacking height FIFO |  |  |
| :---: | :---: | :---: |
| Load capacity | max. 6x | max. 6x |
|  | Okg | 25 kg |
|  | Okg | 25k] |
|  | Okg | 25k] |
|  | Okg | 25k |
| max. | Okg | 25 kg |
| 25k] | Okg | 25kg |

### 05.03 STX stacking baskets

## Baskets of equal width can be stacked

> Can be stacked together in a space saving configuration thanks to internal wire loops


Standard equipment: Sturdy wire construction with 8 mm thick edging wire. Each wire crossover is spot-welded. With upright flat plates on the basket floor, designed to take high stress.

Finish: High gloss, galvanised and chrome-plated. Coloured plastic powder coated finish available on request.

Accessories: divider, scanner price rail, fixed chassis (only for 4)



| Stacking height STX |  |  |
| :---: | :---: | :---: |
| Load capacity | max. 6x | max. 6x |
|  | Okg | 50 kg |
|  | Okg | 50 kg |
|  | 0 kg | 50 kg |
|  | 0 kg | 50 kg |
| max. | 0 kg | 50 kg |
| 50 kg | Okg | 50 kg |

### 05.04 KMF stacking baskets

## A variety of baskets of equal width can be stacked in staggered arrangements



KMF - wire stacking feet


KMF - mobile chassis
with dividers and scanner price tracks


Equipment: Solid wire construction with 8 mm thick edgewire. Each wire crossover is spot-welded. Upright flat plates on the basket base, designed to take high levels of stress.

Finish: High gloss, galvanised and chrome-plated. Coloured plastic powder coated finish available on request.

Accessories: divider, scanner price rail, mobile chassis (only for shelf axis dimension 1,250 mm), fixed chassis (only for $\mathbf{7}$ ).


### 05.05 KKF stacking baskets

Identical baskets can always be stacked together


KKF STACKING BASKET With plastic stacking foot and accessories


Equipment: Solid wire construction with 8 mm thick edging wire. Each wire crossover is spot-welded. Upright flat plates on the basket base, designed to take high stress.

Finish: High gloss, galvanised and chrome-plated.
Coloured plastic powder coated finish available on request.

Accessories: divider, scanner price rail, chassis mobile (only for 3)


[^3]
### 05.06 PA-X pallet boxes

For Euro pallets measuring 1,200 $\times 800 \mathrm{~mm}$

## > Stackable or mobile

> Can be folded to save space


PA-X1/S PALLET BOXES, stackable


## PA-X/S series

Standard equipment: Sturdy pallet boxes in folding or closed design. Secure thanks to stacking corners with large support surface. 2 retaining bars each on the short sides. Also available in non-stacking version.

Finish: High gloss, galvanised and chrome-plated.


Dimensions in mm

## PA-X1/N, mobile

Standard equipment: as PA-X1/S, but without stacking corners and retaining bar.

Castors: 4 swivel castors Ø 100 mm , incl. 2 with brakes. Rubber tread.

### 05.06 PA-X pallet boxes

## Reliable fixture

Four latching bars on the narrow sides ensure the load is kept secure on the Euro pallet.


## Safe stacking

Stacking corners with
large contact surfaces and high edges prevent the box from slipping.


## Divider (optional)

Fits all models with closed long sides. Mesh size $73 \times 70 \mathrm{~mm}$.


## Intermediate grate (optional)

Fits all models. For variable attachment to 70 mm grids. High load capacity. Mesh size $25 \times 125 \mathrm{~mm}$.


Maximum load capacity/ stacking


| Extremely flexible: The side panels can be folded in all directions. | PA-X1/S | PA-X2/S | PA-X3/S | PA-X4/S | PA-X5/S | PA-X6/S |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |
| Order no. | 06.00002 .50 | 06.00008 .50 | 06.00010 .50 | 06.00011 .50 | 06.00014 .50 | 06.00015 .50 |
| Length x width x height (mm) | $1,215 \times 820 \times 975$ | $1,215 \times 820 \times 975$ | $1,215 \times 820 \times 975$ | $1,215 \times 820 \times 975$ | $1,215 \times 820 \times 975$ | $1,215 \times 820 \times 975$ |
| Mesh size (mm) | $70 \times 70$ | $70 \times 70$ | $70 \times 70$ | $70 \times 70$ | $70 \times 70$ | $70 \times 70$ |
| Volume (litres) | 700 | 700 | 700 | 700 | 700 | 700 |
| Weight (kg) | 29 | 29 | 29 | 29 | 29 | 29 |
| Accessories |  |  |  |  |  |  |
| Divider $715 \times 725 \mathrm{~mm}$ | 27.58692 .50 | 27.58692 .50 | 27.58692 .50 | 27.58692 .50 | - | 27.58692 .50 |
| Intermediate grate 1,200 $\times 735 \mathrm{~mm}$ | 28.61392 .50 | 28.61392 .50 | 28.61392 .50 | 28.61392 .50 | 28.61392 .50 | 28.61392 .50 |


|  | PA-X7/S | PA-X8/S | PA-X9/S | PA-X10/S | PA-X1/N, mobile |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Extremely flexible: <br> The side panels can be folded in all directions. |  |  |  |  |  |
| Order no. | 06.00012 .50 | 06.00004 .50 | 06.00013 .50 | 06.00009 .50 | 06.15481 .50 |
| Length x width x height (mm) | $1,215 \times 820 \times 975$ | $1,215 \times 820 \times 975$ | $1,215 \times 820 \times 975$ | $1,215 \times 820 \times 975$ | $1,215 \times 820 \times 975$ |
| Mesh size (mm) | $70 \times 70$ | $70 \times 70$ | $70 \times 70$ | $70 \times 70$ | $70 \times 70$ |
| Volume (litres) | 700 | 700 | 700 | 700 | 700 |
| Weight (kg) | 29 | 29 | 29 | 29 | 29 |
| Accessories |  |  |  |  |  |
| Divider $715 \times 725 \mathrm{~mm}$ | 27.58692 .50 | - | - | 27.58692 .50 | 27.58692 .50 |
| Intermediate grate 1,200 $\times 735 \mathrm{~mm}$ | 28.61392 .50 | 28.61392 .50 | 28.61392 .50 | 28.61392 .50 | 28.61392 .50 |

# 05.07 PA 500 pallet box 

With compact loading height of 500 mm

> Stackable<br>> With removable side panels

## Removable side

panels
The attached side panels on the two long sides can be removed easily


## Safe stacking

Stacking corners with
large contact surfaces and high edges prevent the box from slipping.


Maximum load capacity/stacking

PA 500 PALLET BOX, stackable
Available with or without wooden pallet.

| PA 500 |  |
| :---: | :---: |
| Load capacity | Stacking height |
| max. <br> 300 kg | max. 3 x  <br>   <br> Okg Only <br> Okg stackable <br> when  <br> Okg empty!  |

Standard equipment: Sturdy grid construction, optionally with removable side panels on the lengthways side. Short sides made of square tube frame, with 2 DIN A4 metal signs. Secure thanks to stacking corners with large support surface.

Finish: High gloss, galvanised and chrome-plated.

PA 500 without PA 500 with wooden pallet wooden pallet


| Order no. | 06.33901 .50 | 06.42941 .50 |
| :--- | :--- | :--- |
| Length (mm) | 1,217 | 1,217 |
| Width $(\mathrm{mm})$ | 820 | 820 |
| Height $(\mathrm{mm})$ | 536 | 681 |
| Mesh size (mm) | $52 \times 50$ | $52 \times 50$ |
| Volume (litres) | 400 | 400 |
| Weight $(\mathrm{kg})$ | 29 | 29 |

# 05.08 PA 300 pallet boxes 

For Duesseldorf reusable pallets

> Stackable<br>> With closing grate that can be folded once



Supplied without pallet

Divider
(optional)
For the lengthways side.
$720 \times 690 \mathrm{~mm}$. Mesh size $76 \times 76 \mathrm{~mm}$.


## Safe stacking

Stacking corners with
large contact surfaces and
high edges prevent the box
from slipping.


Maximum load capacity/stacking

| PA 300 |  |
| :---: | :---: |
| Load capacity | Stacking height |
| max |  |

Standard equipment: Sturdy grid construction with closing grate that can be folded once on the short or long side. Four latching retaining bars. Secure thanks to stacking corners with large support surface.

Finish: High gloss, galvanised and chrome-plated.

PA 300/1 PA 300/2


| Order no. | 06.50031 .50 | 06.45879 .50 |
| :--- | :--- | :--- |
| Length x width x height (mm) | $820 \times 615 \times 825$ | $820 \times 615 \times 825$ |
| Mesh size (mm) | $77 \times 70$ | $77 \times 70$ |
| Volume (litres) | 340 | 340 |
| Weight (kg) | 15 | 15 |
| Accessories | 27.50032 .50 | 27.50032 .50 |
| Divider $720 \times 690 \mathrm{~mm}$ |  |  |

# 05.09 PC 1000/1 pallet container 

With load capacity of up to $1,000 \mathrm{~kg}$

## > Stackable

> Can be folded flat to save space

## Can be folded flat

 to save spaceCan be folded flat and stacked to save space for transport and storage.


## Safe stacking

Stacking corners with large contact surfaces and high edges prevent the box from slipping.

stackable, with divider (accessories)

Standard equipment: Sturdy grid construction with solid stacking feet made of wire. Stacking corners with large support surface. Side panels with edging wire. Selfclosing locking mechanism. Front grid can be folded once.

Finish: High gloss, galvanised and chrome-plated.


# 05.10 PC 150 pallet container 

More volume for easy loading

## > Stackable

> Load volume up to 940 litres
> Can be folded flat to save space


PC 150 PALLET CONTAINER

Can be folded flat to save space

Can be folded flat and stacked to save space for transport and storage.

Maximum load capacity/stacking

| PC 150 |  |
| :---: | :---: |
| Load capacity | Stacking height |
|  | max. 2x max. 2x |
| max. |  |
| 100kn |  |

Standard equipment: Sturdy grid construction with square tubing frame. Container structure consisting of 2 side panels and 2-leaf door. Secure thanks to stacking corners with large support surface.
1 side panel with metal sign 195 x 250 mm .
Also available with rear panel grate.
Finish: High gloss, galvanised and chrome-plated.


# 05.11 MC 300 pallet container 

With half pallet dimensions $800 \times 600 \mathrm{~mm}$

> Stackable<br>> Can be folded flat to save space

MC 300 PALLET CONTAINER
with divider (accessories)


Can be folded flat to save space

Can be folded flat and stacked to save space for transport and storage.


Maximum load capacity/stacking

| MC 300 |  |
| :---: | :---: |
| Load capacity | Stacking height |
| $3800 \mathrm{~m}_{\mathrm{m}}$ |  |

Standard equipment: Sturdy grid construction with stacking feet made of wire. With closing grate on the long or short side, which can be folded once.

Finish: High gloss, galvanised and chrome-plated.

| $-813 \longrightarrow \quad \longleftarrow 600$ | MC 300 | MC 301 |
| :---: | :---: | :---: |
|  |  |  |
| Order no. | 06.02324 .50 | 06.02323 .50 |
| Length x width x height (mm) | $850 \times 600 \times 668$ | $850 \times 600 \times 668$ |
| Mesh size (mm) | $100 \times 50$ | $100 \times 50$ |
| Volume (litres) | 264 | 264 |
| Weight (kg) | 20 | 20 |
| Accessories |  |  |
| Divider | 27.04189 .50 | 27.04189 .50 |

# 05.12 PC 80 pallet container 

With quarter pallet dimensions $600 \times 400 \mathrm{~mm}$

## > Stackable

> Can be folded flat to save space


Standard equipment: Sturdy grid construction with square tubing frame. Sheet metal stacking feet. Model with locking panel on both lengthways sides, which can be folded down once.

Finish: High gloss, galvanised and chrome-plated.

Can be folded flat to save space

Can be folded flat and stacked to save space for transport and storage.

folded

## Safe stacking

Stacking corners
prevent the box from slipping.

Maximum load
capacity/stacking


# 05.13 System pallet 

## Mobile pallet shelving

> With 2 non-slip wooden shelves



## SYSTEM PALLET

Supplied without wooden pallet

Standard equipment: Side bars made of sturdy square tube with drill holes for hook-in grates. Bolted structure with connection angle for reinforcement and clamping plates for fastening to the wooden pallet. 2 hook-in grates with non-slip surface.

Finish: High gloss, galvanised and chrome-plated.

## Stable

The pallet box is screwed onto the pallet with flat steel. This prevents it from slipping during transport by pallet truck or forklift.


### 05.14 Pallet bar

## Stackable versions

> Suitable for Euro pallets measuring 1,200 x 800 mm
> Available in heights of 820 mm (type 1) or 995 mm (type 2)


Standard equipment: Round tubing frame with two sturdy central bars. Frame and support angle are welded. Locking bar is angled on the upper tie bar. Retaining profiles for variable assembly on long or short side of the Euro pallet.

Finish: Plastic powder coated or hot galvanised.


## 06 Product overview

06.01 Disposal container

${ }^{01}$ disposal container
06.02 Waste trolley

${ }^{02}$ WASTE TROLLEY
06.03 Box container

${ }^{03}$ BOX CONTAINER

## 06 Disposal trolleys



### 06.01 Disposal container

## With support bar

> 4 deflectors for impact protection<br>> Part of a complete system



DISPOSAL CONTAINER

## Note holder

You can attach notes or bags to the metal plate using a fastening clip.

## Deflectors

Deflectors on the chassis, protect the warehouse interior from damage.

Standard equipment: Sturdy wire construction with square tubing frame. With 4 lateral deflectors. Front and rear with $U$ profiles to support the container. Includes 6 note holders.

Castors: 4 Wanzl swivel castors, rubber tread.

Finish: High gloss, galvanised and chrome-plated.

### 06.02 Waste trolley

With folding front grate
> Note holders on both short sides
> Large capacity with low net weight


## WASTE TROLLEY

## Note holder

You can attach notes or documents to the metal plate using a fastening clip.


## Closing grate

The front grate can easily be folded to half height.


Standard equipment: Sturdy wire construction with square tubing frame. Chassis with wire grid base. Front grate can be folded once. Includes 6 note holders.

Castors: 4 Wanzl swivel castors, rubber tread.
Finish: High gloss, galvanised and chrome-plated.

### 06.03 Box container

Lightweight design in two sizes, suitable for large volumes of waste
> Sturdy tube frame
> Folding front grate
> Can be folded flat to save space


## Standard design

Length 1,200 mm: Sturdy tube frame with wire grate panelling. Front grate can be folded once.

Length 1,620 mm: Sturdy tube frame with wire grate panelling. Front grate can be folded twice.

Castor wheels: 4 swivel castors, incl. 2 with brake.
Rubber tread.

Finish: High gloss, galvanised and chrome-plated.

## Can be folded flat

to save space
The container is easy to fold with just a few steps and, therefore, saves space during storage.


## Folding front panel

Depending on the container
size, the front grate can be folded once or twice and enables easy loading and convenient access to the contents.


### 06.03 Box container

- For collection, provision or disposal of boxes, crates and
large volume packing materials.



## 11 design

Sturdy tube frame with wire grate panelling

2 FOLDING
For easy loading
3 CASTOR WHEELS
4 swivel castors, incl. 2 with brake. Rubber tread.

## (2) FOLDS FLAT

Can be folded flat with just a few steps, for space saving storage.

| Box container |  |  |  |
| :---: | :---: | :---: | :---: |
| Length |  | 1,200 mm | 1,620 mm |
|  |   |  |  |
| Order no. |  | 06.22488 .50 | 06.24952 .50 |
| Length x width x height (mm) |  | $1,200 \times 800 \times 1,720$ | $1,620 \times 1,020 \times 1,800$ |
| Mesh size (mm) |  | $145 \times 36$ | $145 \times 36$ |
| Castor D (mm) |  | 125 | 125 |
| Volume (litres) |  | 1,200 | 2,300 |
| Load capacity (kg) |  | 100 | 200 |
| Weight (kg) |  | 40 | 77 |

## 07 Product overview



## 07 Mobile workstations



# 07.01 KT-T1 table trolley 

## > Optionally available with Lithium-ion battery <br> > Comfort handle for ergonomic pushing



ORDER PICKING TROLLEY KT-T1
Equipment example with accessories

Standard equipment: Chassis made of square tubing with welded bottom tray. Side panels made of square tube frame with wire grate, inserted into chassis and screwed into place. 2-part rear panel made of wire grate. Comfort handle for better manoeuvring. Work surface with wooden support. Additional fold down work area at 1 side panel. Incl. 1 attachable wire shelf.

Optionally available: Lithium polymer battery for mobile power supply.

Castors: 4 swivel castors, including 2 with brake. Rubber tread.

Finish: High gloss, galvanised and chrome-plated, or plastic powder coated in titanium 7084.

## Expandable work area

An additional extension to the work area can be folded up and down on the side.


## Lithium-ion batteries (optional)

Our batteries offer a mobile electricity supply for peripheral devices such as printers, scanners or monitors. Multishift operation is ensured by the quick change battery pack system.


# 07.02 Mobile workstation 

> Equipped with Lithium-ion battery as standard



Standard equipment: Chassis made of square tubing with wooden support. Side panels made of square tubing frame with welded on wire grate, inserted into chassis and screwed into place. One piece rear panel grate, attached on side panels. Hook-in grate can be attached in various positions at an interval of 110 mm . Wooden shelf with pushing handle, bolted onto side panels. Lithiumion battery for mobile electricity supply.

Castors: 4 Wanzl swivel castors, elastic tread, with brakes on request.

Finish: High gloss, galvanised and chrome-plated, pushing handle plastic powder coated in RAL 5002 ultramarine blue.

## Lithium-ion batteries

Our batteries offer a mobile electricity supply for peripheral devices such as printers, scanners or monitors. Multishift operation is ensured by the quick change battery pack system.


## Castors



## Original Wanzl castors

Sophisticated technology for a long service life



## The basis

■ Original Wanzl castors are the basis for many Wanzl order picking and transport trolleys which can withstand even the toughest demands.

Easy to steer with a single piece, ball bearing fork. Low roll resistance, even when the shopping trolley is fully loaded, thanks to the ball bearing plastic wheel with a rubber tread and improved Shore hardness. Long service life thanks to multiple protection mechanisms for the ball bearing.

## Wanzl castors with brakes

Wanzl castors with brakes are intended for trolleys with special safety requirements. They also prevent trolleys from rolling away when loading and unloading heavy goods.

## The technology in detail:

- Single piece fork, flush fitting ball bearing with ground and hardened ball bearing tread. Quiet running, wear-resistant and long lasting, even under heavy loads.
- Abrasive sealing ring to protect the swivelling ball bearing.
- Stable plastic wheel body with form fitting injected ball bearing.
- Rubber tread.
- All ball bearings have permanent lubrication.
- Single piece wheel axle, riveted.
- Reliable thread guard discs with labyrinth seals.
- Loading capacity according to DIN / EN 12532, diameter 100 max. 75 kg , diameter 125 max. 90 kg.
- Shore hardness 80 Shore A


## Additional for castors with brake:

- Equipment with foot activated brake mechanism.
- Hidden brake pad.


## Castors for specialised applications

As you wish

Depending on the intended use, castors are subject to different requirements and influencing factors. For example, sometimes castors need to be particularly wear-resistant or suitable for very heavy loads. Some trolleys are pushed across grid flooring or must be protected from building up an electrostatic charge. In these cases, a tread made from a different material may be more beneficial. Contact us! We can equip our trolleys with all conventional castors available on the market, such as elastic-tread, polyamide or polyurethane-elastomer castors on request.


## wanZ!




[^0]:    pat. pend

[^1]:    * Height adjustable $\triangleq$ Height of the closing grate of the basic model

[^2]:    Chassis with steering axle

[^3]:    Stackable in staggered arrangements

