+ PACKAGING.
TRANSPORTATION.
STORAGE.

KTP®
Packaging Solutions

More than **3,000,000** KTP containers in circulation in over 100 countries.*

CONTENTS

FROM PRACTICE – FOR PRACTICE
SUCCESSFUL FOR MORE THAN 30 YEARS.

Our vision – returnable plastic packaging that makes everyday routine better.

We already recognised the potential and necessity of recycling three decades ago. Huge quantities of disposable packaging waste and the lack of adequate packaging alternatives brought an idea to our mind: **Plastic recycling** as the basis for developing a clever packaging system. Apart from the "green" thought, the focus was placed on transport and **process optimisation** as well as on easy and **ergonomic handling**.

This idea brought forward a **foldable** container system, which is in demand all over the world and is now a standard part of logistics. Today, our family-run company is one of the leading manufacturers of plastic storage & transport containers. We are known for our customer proximity, innovative ideas and the **highest quality and safety standards**. **Sustainability and environmental awareness** are still firmly anchored in our corporate philosophy.

Driven by our vision of efficient and sustainable logistics, we develop our products "from practice, for practice".

KTP management

Employees of the KTP family.

FROM CONCEPT TO PRODUCT

QUALITY MADE IN GERMANY.

**Well-conceived from start to finish –
More than just a box.**

We implement our **high quality and safety standards** resolutely from the initial idea through to the finished packaging solution. We have deliberately decided to produce all of our products exclusively at our headquarters in the region Saarland, Germany. Development, production and final inspection are carried out in one place.

Over the years, we have added an **in-house toolmaking department** and our **own material preparation system**. This allows us to react to market requirements quickly and flexibly, while ensuring the highest possible quality at all times.

We do not only develop containers, but also packaging solutions characterised by their functionality, quality and durability. **Our products optimise processes** and guarantee industrial safety. From the moment we start developing, we bear the people in mind who will be working with our containers.
Excellent customer service is important to us.

Therefore, our "all-round carefree package" always comprises professional consultation, product training sessions and a repair service. Together we will always find the right solution for you.

Quality and safety – without compromise.

Our process and product quality standards are extremely high. In order to increase transparency for our customers we have been ISO 9001 certified since 2008. This standard forms the basis for our in-house quality management. All of our products undergo **strict test and inspection procedures** before they enter into the market. We test the stacking load with up to two times the safety factor under extreme temperatures – this ensures that the outdoor use of our containers does not present a problem.

2x kg

+50 °C
TESTED AT
–20 °C
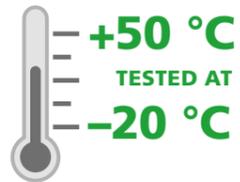
Craftsmanship, expertise and precision technology characterise our production process.

THUMBS UP FOR THE ENVIRONMENT
REDUCE – REUSE – RECYCLE.

More sustainability for the benefit of the environment – The green idea and KTP.

The idea of usefully recycling plastic industrial waste started back at the end of the eighties. More than 30 years later, we are still eagerly pursuing our idea of more sustainable logistics.

In an age of threatening raw material shortages, recycling is more important than ever. This encourages us to use **high-quality recycling materials to** manufacture our clever transport containers. We at KTP have high quality standards. Our containers not only have a good ecological balance; they also particularly convince by their **high quality and durability**.

Our products are made of high-quality, recycled LDPE and HDPE (Low Density Polyethylene and High Density Polyethylene). The properties of the finished products can be individually adapted to our application requirements by mixing the two polymers. The high level of resistance to acids, lyes and other chemicals is another point in our favour. LDPE and HDPE are both polyolefins. These two raw materials only consist of hydrogen and carbon. This is why the **ecobalance of these raw materials is very good**.

**Competence in all fields –
The KTP recycling process.**

All of our products are **100% recyclable**. Once a container has reached the end of its product lifecycle, there is an option of returning it to us. These returns are then crushed in several steps and prepared for being returned to the production cycle of our containers.

The good ecobalance of our products and the scale effects arising from the transport and process optimisation by using our containers will help you to achieve your Corporate Social Responsibility goals in the logistics area.
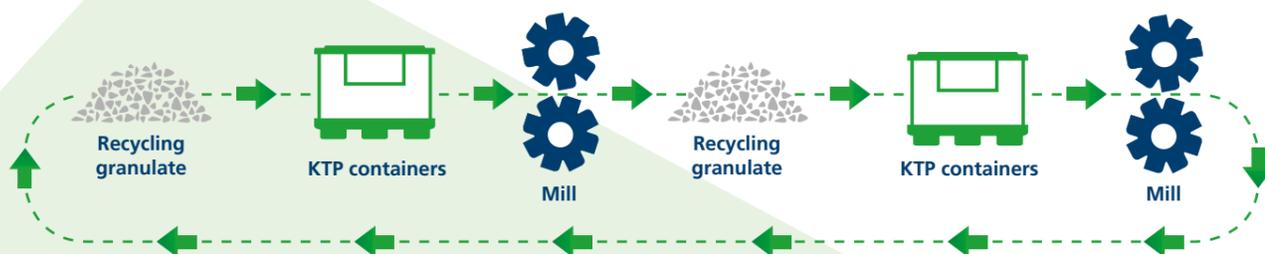
The KTP container cycle: After reaching the end of their product life cycle, all containers are submitted to our in-house recycling process, where they are treated and processed into new containers.

Recycling granulate — KTP containers — Mill — Recycling granulate — KTP containers — Mill

THINKING GREEN PAYS OFF
REDUCING COSTS AND PROTECTING THE ENVIRONMENT.

Efficient truck capacity utilisation, less empty journeys, lower level of environmental impact.

The ever-increasing truck traffic on motorways is co-responsible for the high CO_2 and particulate pollution. Our **foldable** storage and transport containers made of **recycled plastic** help to **reduce traffic**.

Due to the reduction in volume of our folded containers, we achieve a maximum **return rate** of **1:5** compared to standard containers. This means **80% less return transports of empties** which also means **80% less CO_2** and **80% less particulate matter emissions**.
So not only the environment benefits – your budget does, too!

80%
less return transports

80%
less CO_2 and particulate matter
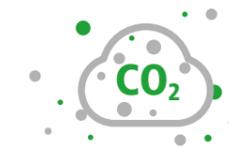
100%
working together for the benefit of the environment

KTP RETURNABLE PACKAGING

A BOX FULL OF BENEFITS.

Packaging, transportation, storage – these are the main fields of application of KTP transport containers. They are full of innovations and offer many advantages compared to conventional packaging systems. KTP containers protect the transported goods, are durable, safe, foldable, ergonomic in handling and 100 % recyclable. **We smarten up logistics!**

1:5 PROPORTIONALLY STACKABLE

UP TO
80%
VOLUME REDUCTION
IN EMPTIES

DURABILITY

Lightweight – robust – safe
• Returnable plastic packaging
• High circulation rate
• Strict test procedures and quality controls
• High profitability

PROTECTION

Clever packaging– safe arrival
• Protected transport of sensitive goods
• Closed, smooth plastic surface
• Permanent protection against dust, dirt and moisture

VOLUME REDUCTION IN EMPTIES

Quickly folded - safely stacked
• The "real" 3-piece sandwich system
• Less storage and transport costs
• Saves up to 80 % of empties journeys
• Optimised standard sizes for ideal capacity utilisation in megatrailers and sea containers
• Warehouse optimisation due to sandwich folding

ERGONOMICS AND EASY HANDLING

Fast – efficient – ergonomic
• Fast assembly and dismantling
• No manual locking
• All parts stay together
• Intuitive, user-friendly handling
• Minimizing the risk of injury
• Noise reduction (plastic instead of metal)

MAX.
1:5
RETURNRATE
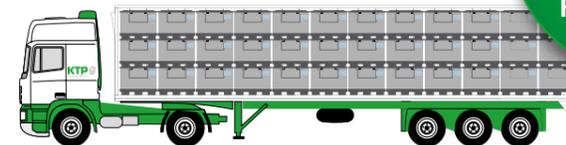
KTP System 2000: 1200 x 1000 x 990 mm
In the megatrailer: 78 full containers
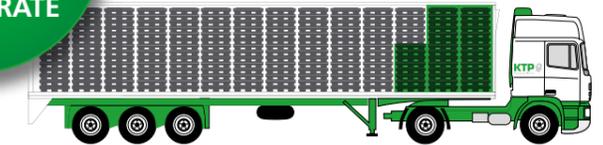
KTP System 2000: 1200 x 1000 x 990 mm
In the megatrailer: 364 empty containers

SYSTEM 2000

PACKAGING - THE EASY WAY.

In use worldwide and millions of times over, these containers are ideal for large, lightweight items. System 2000 offers perfect storage and transport solutions with a wide spectrum of use. With this **"real" three-piece container*,** the clever **sandwich-type folding system** ensures that a permanent, safe and, above all, **complete packaging unit** remains – both in full containers and empties.

Hang-in lid
The opened lid can be hooked onto the sleeve.

• Saving of space at the place of use
• Extra ergonomics and easy handling

Visual inspection of empties
Control opening in the lid.

• Direct check of the completeness of all elements (sleeve contained in empties)

Scan and watch the application video.

Secure empty unit
The elevated pallet edge enables the lid to engage in a slip-proof manner.

• Protection of the folded sleeve
• No damage to the containers by slipping
• Safe and stable stacking

Integrated base insert*
Closed pallet deck and load securing

• No loss of base insert, as firmly attached to the sleeve
• Fixation of sleeve with pallet in assembled, loaded condition

Safe stacking
Slipping is not possible thanks to the perfect match of footprint and lid.

• No tying necessary
• Fast, safe and uncomplicated stacking of the full and empty containers

Container with integrated base insert, optionally available for System 2000.

ALL PRODUCT BENEFITS AT A GLANCE.

• **Available in various sizes**
• **Low container weight**
• **Non-slip sandwich folding**

• Safe stacking of full and empty containers
• Intuitive, fast handling
• Ergonomic handling
• Hang-in lid
• Protection against water and dirt
• No manual locking required

CONTAINER OPTIONS WITH REAL ADDED VALUE.

• Variable sleeve height (upon request)
• Additional loading hatch
• Individualisation of the containers
• Integrated* or loose base insert
• Easy attachment of accompanying documents
• Tracking system
• Various loading hatch locking systems
• Detachable side wall / front
• ESD design
• Equipment with skids
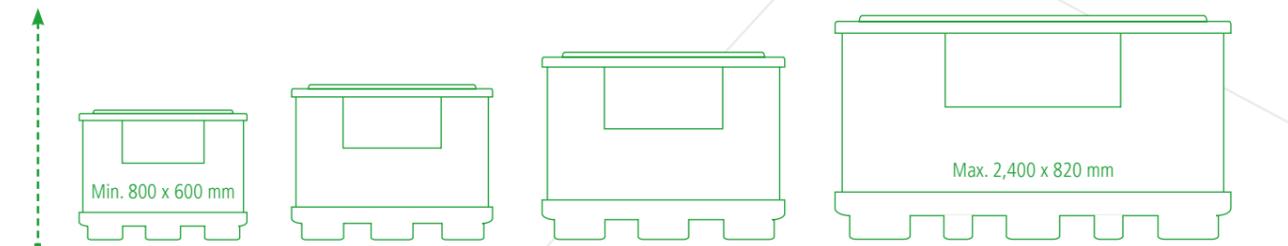
Min. 800 x 600 mm

Max. 2,400 x 820 mm

You will find all available container dimensions as well as the associated load capacities in the size table on the last two cover pages.

System 2000 is available in many size combinations. The sizes of our basic range are tailored to optimum mega-trailer or sea container utilisation capacity. It is therefore ideal for standardisation and/or process optimisation. There are numerous possibilities thanks to variable sleeve heights and more container options.

PACKING WITH GENUINE KNOW-HOW.

1:5 PROPORTIONALLY STACKABLE

80% VOLUME-REDUCED

+50 °C TESTED AT **−20 °C**
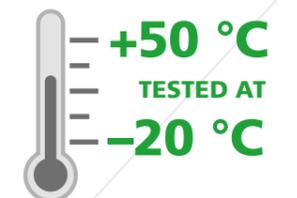
SYSTEM QUAD / SUPERQUAD

WIRE MESH REPLACEMENT AND HIGH RACK PROFESSIONAL.

Our Quad system is the ideal **load carrier**. Developed for use in high rack warehouses, Quad containers can also handle heavy packaged goods. The **SuperQuad** is also the perfect **substitute for** the conventional **wire mesh container**. Due to the almost identical inner dimensions, existing base inserts can still be used. In addition, it is also fully compatible and stackable with steel wire mesh containers.

Hang-in lid
The opened lid can be hooked onto the sleeve.

• Saving of space at the place of use
• Extra ergonomics and easy handling

Secure empty unit
Brackets* reliably connect the pallet with the lid.

• Protection of the folded sleeve
• No damage to the containers by slipping
• Safe and stable stacking

Scan and watch the application video.

Robust pallet foot
Firm, one-piece connection of foot and pallet.

• High level of stability – suitable for high rack and roller conveyor

Closed pallet deck
No open top side of pallet, therefore no soiling.

• No base insert required

Automatic locking*
4 brackets* ensure a tip-resistant connection of sleeve and pallet.

• No extra handles necessary
• Engage principle for firm fixation

You will find all available container dimensions as well as the associated load capacities in the size table on the last two cover pages.
* The details marked ✶ are equipment features of the SuperQuad container and do not apply for the entire Quad product family.

ALL PRODUCT BENEFITS AT A GLANCE.

• **SuperQuad as wire mesh replacement**
• **Extremely stable pallet design**
• **High payloads possible**

• Safe stacking of full and empty containers
• Intuitive, fast handling
• Ergonomic handling
• Hang-in lid as a standard
• Protection against water and dirt
• No manual locking required

WIRE MESH REPLACEMENT – KTP SUPERQUAD!

The picture below shows its almost identical measurements to the steel wire mesh container. Therefore, any available inside packaging can continue to be used. The plastic walls and standard lid provide permanent protection against dirt and water. Because it is foldable – thus achieving a substantial volume reduction – this solution has a great benefit over the steel one. **In addition, all container options of the System 2000 are also available for Quad.**

PACKING WITH GENUINE KNOW-HOW.

1:4.3 PROPORTIONALLY STACKABLE

77% VOLUME-REDUCED

+50 °C TESTED AT **−20 °C**

SMARTFIX® VERSION

SYSTEM 2000 AND QUAD AS A QUICK SINGLE-PIECE CONCEPT.

One-piece-unit – Not only the System 2000 but also the System Quad are available in the **SmartFix®** version. Due to this **patented and multiple award-winning container equipment**, a three-piece container turns into a **real single-piece unit**. Pallet, sleeve and lid are firmly interconnected. It was never so quick and easy to assembly a container.

Safe guidance
Embedded guide rails simplify handling.

• The lid is neatly guided when opening and closing.

Firm connection
Lid and sleeve form a firmly connected unit.

• No more individual parts
• No more loss of container parts

Smart **Fix**®
EXCLUSIVE | ONLY AT KTP | EXCLUSIVE | ONLY AT KTP |

SMARTFIX® BENEFITS AT A GLANCE.

• **Super-fast folding technique**
• **Firmly connected components**
• **No loss of individual container parts possible**
• **Sliding lid**
• **Extremely simple handling**

KTP – TOP AWARD-WINNING INNOVATIONS.

Since June 2019, KTP belongs to Germany's TOP 100 innovators. The SmartFix® system has been repeatedly distinguished and the innovation power of KTP has once again been confirmed.

TOP **100**
top100.de
Top-Innovator 2019

SMARTFIX® – UNIQUE AND ONE-PIECE.

The SmartFix® function is **unique on the market** and an **in-house development of KTP**. One-piece-unit – lid, sleeve and pallet are firmly interconnected by **four special hinges**. This ensures maximum ease and speed of handling.

Irrespective of size, this form of container can be assembled or dismantled by one person within only four seconds.

Container: SuperQuad SmartFix®

FLEXIBLE AND FAST.

Min. 800 x 600 mm

Max. 1,800 x 1,200 mm

ASSEMBLY/ DISMANTLING IN ONLY FOUR SECONDS!

4s

For container dimensions, please refer to the size table on the last two cover pages.

DUO VERSION

SYSTEM 2000 AND QUAD AS A TWO-SLEEVE CONCEPT.

In the Duo version, the two systems are equipped with an additional sleeve, the **return collar**. This collar is directly connected to the pallet. Therefore, **inside packaging** can be accommodated safely and cleanly in the empty container with a **reduced volume**. All components are transported as one unit.
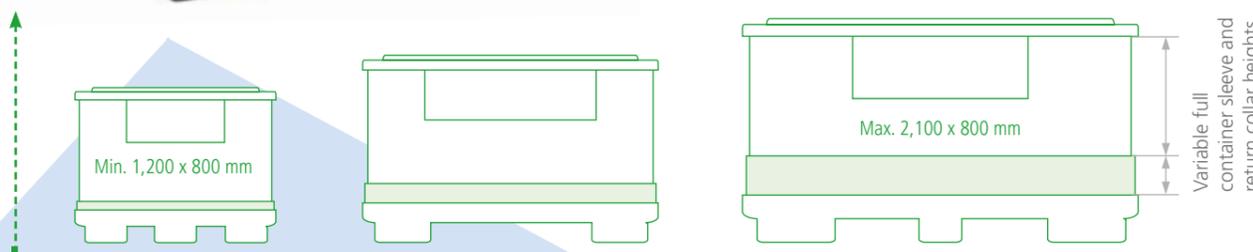
Min. 1,200 x 800 mm

Max. 2,100 x 800 mm

Variable full container sleeve and return collar heights

You will find all available container dimensions as well as the associated load capacities in the size table on the last two cover pages.

KTP containers in the Duo version are available in numerous size combinations. **The height of the return collar and full container sleeve is variable** and can be adjusted depending on the type and volume of the inside packaging. Loose packaging (e.g. HKP dividers) as well as packaging that is firmly connected to the container (such as e.g. integrated bags for steering wheels) can be **returned one-to-one**.

DUO CONTAINER BENEFITS AT A GLANCE.

- **Ideal for the return of inside packaging**
- **All parts remain together in the container**
- **Volume-reduced transport**
- **Extremely simple handling**

Inside packaging loosely inserted
After removing the packaged goods, the compound inlays are simply inserted together with the folded full container sleeve into the Duo return collar. Thanks to the sandwich system folding, everything is safely stowed away in a space-saving manner.

Inside packaging firmly connected to the sleeve
The fabric pockets firmly connected to the sleeve can be conveniently pushed together by means of a rail system. This way, the sleeve can be collapsed in a Z folding method after removing the packaged goods, and can be safely stowed away in a space-saving manner.

INSIDE PACKAGING SOLUTIONS

INDIVIDUAL AND TAILOR-MADE.

In KTP containers, **various types of inside packaging elements** can be integrated. Whether in a loose form of foldable dividers, foam inserts, simple separating trays or firmly integrated solutions such as workpiece carriers or fabric pockets with rail system – the goods to be transported are packaged and protected in the best possible way. In addition, we also achieve **optimum use of the packaging volume.**

Foam inserts/EPP
QUAD DUO SYSTEM
with intermediate layer and transparent windows.

Thermo-formed inlays
SYSTEM QUAD DUO
with detachable front.

Hang-in fabric pockets
SYSTEM 2000
with detachable front.

Corrugated sheet divider
SYSTEM QUAD
with rigid bar assemblies.

Foam inserts
SYSTEM QUAD DUO
with stackable inserts.

Corrugated sheet divider
SYSTEM 2000 DUO
with foldable plastic dividers.

QUAD DUO

Easy handling: *Inlays and full container sleeve are safely stowed away in a space-saving manner with very little effort required.*

SPECIALISED CONTAINERS

FIT TO TACKLE ANY CHALLENGE.

Our customers come from the most various industrial sectors such as e.g. automotive, pharmaceuticals, mechanical engineering or medicine. And just as **diverse** are the **requirements on our containers**.

Depending on the type and size of the packaged goods and the different transport and storage conditions, **specialised containers** are required, **which deviate from the standard.**

Containers with a detachable front and TurnLock closure
SYSTEM 2000 DUO – the removal of bulky, large items is easy and safe thanks to the detachable front and the patented locking system.

CombiStack – The container with the extra flexibility
SYSTEM 2000 DUO – due to the pallet with skids and the adapted dimensions, this container is fully compatible with conventional FLCs (Foldable Large Container).
Furthermore, it is suitable for high rack warehousing.

Container with firmly integrated fabric pockets
SYSTEM 2000 DUO –
in this container, the Duo return collar is firmly connected to the lid and not to the pallet.
The full container sleeve with the integrated fabric pockets for steering wheels can be folded after removal of the package goods and can be stowed away by means of the proven KTP sandwich system folding method.

SYSTEM CLASSIC
THE ENTRY LEVEL SOLUTION

The System Classic is **our entry level solution** for a wide range of transport goods up to 250kg.

These sturdy and safe KTP transport containers enable you to **optimally exploit your transport volume**. The Classic folding method and nestable pallets allow a **return rate of 1:5.**

- Classic folding: One container remains assembled; the sleeves of the other containers are stored inside it
- Nestable pallets
- space-saving storage

Scan and watch the application video.

KTP Packaging Solutions

Stacking the containers:
- *14 pallets,*
- *1 assembled container (sleeves inside)*
- *14 lids*

SYSTEM EXPORT
ONE WAY SOLUTION

Our **cost-effective** export/disposable packaging solution for overseas transports – the Export system. These containers guarantee an **ideal capacity utilisation of the sea freight container.** Pallet and lid are made of plastic, the sleeve is cardboard **(moisture-proof glued heavy-duty corrugated board).** Therefore, pest control treatment is not required. Can also be used as cost-effective storage packaging.

KTP Packaging Solutions

- Substitute for cardboard-wooden pallet solutions
- Secured transport through closed container
- No empty spaces during transport
- Non-slip stacking
- 100% recyclable

Further information can be found in the size table (page 28).

CARRIER SYSTEM
TRANSPORT OF SMALL STACKABLE CONTAINERS

The solution for the transport and storage of small stackable containers (VDA) and foam containers (EPP/EPE) etc. **Pallet and lid interconnect the load carriers, optimally forming one packaging unit.** KTP carrier systems offer **ideal protection against damage to the load carriers and stored goods.** In addition, they have a non-slip securing element by means of the circumferential stacking rim.

S91 2

Stability
The raised pallet edge prevents the load carriers from slipping. This ensures optimum stacking.

Safety
Additional lashing systems (optional) make sure that everything remains firmly in place. They are available as 2-fold or 4-fold elements.

Carrier system 2000

Scanning for more information

Carrier system Quad

Compatibility
Our carrier systems are stackable with selected KTP containers.

- Suitable for use with roller conveyors and chain conveyors
- Optimum load distribution

Multifunction
2-in-1 solution – Can be used as container or carrier system.

Marking
All pallets can be identified by coloured markings and individual lettering.

Further information can be found in the size table (page 28).

CONTAINER OPTIONS
TAILOR-MADE SOLUTIONS.

Our container systems can be adjusted to the respective customer requirements by means of a **variety of equipment options**. We will be pleased to advise you regarding selection and implementation.
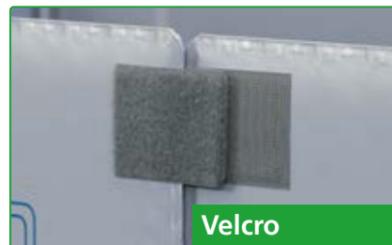
CLOSURE SYSTEMS LOADING HATCH.

SnapLock	**Sliding bolt**	**Velcro**

CLOSURE SYSTEMS DETACHABLE FRONT.
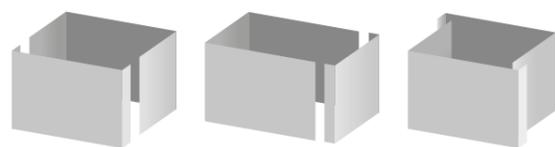
TurnLock	**Velcro**

SLEEVE PROFILES

C-profile
Long side open
Front panel
overlapping.

U-profile
Short side open
Front panel
overlapping.

L-profile
Long and short
side jointly
detachable.

INTERMEDIATE LAYERS

Hinged hook

Metal bar

CONTAINER OPTIONS
CONTAINER IDENTIFICATION.

All of our containers can be individualised by means of **diverse types of identification** and adjusted to the diverse requirements for optimum handling. We will be pleased to advise you in this respect. The following example containers will indicate available identification options.

1 **VARIABLE SLEEVE/ COLLAR HEIGHT**
(Full container sleeve/return collar)

3 **COLOURED STICKER**
(Pallet & lid)

5 **COLOURED SLEEVES/COLLARS**
(Full container sleeve/return collar)

7 **LASER ENGRAVING**

ADDITIONAL LOADING HATCH
(See page 17)

2 **SCREEN PRINT**
(Full container sleeve/return collar)

4 **STICKER PRINT**
(very small quantities)

6 **RFID**

ESD version
Electrostatic discharge – for electronic components

Version with skids
See the size table (page 28).

STANDARDISATION
OPTIMISATION OF THE LOGISTIC PROCESS CHAIN.

Cost reduction through standardisation – KTP specialises in that.

KTP has made a name for itself as a pioneer in the field of container standardisation. **Millions of our** containers can be found at all OEMs and all over the world as **standard containers**. The most well known is the standard container 114 888 in the automotive industry with the dimensions 1200 x 1000 x 990 mm.

Standardisation – What does that mean?

Logistics are simplified and optimised by reducing the packaging diversity (wood, cardboard, steel, plastic) and packaging dimensions. The inbound and outbound logistics are limited to a few **container system solutions of modular design**. Standard dimensions guarantee an **ideal utilisation capacity in a truck or sea container.** In addition, the folding capability of the containers in the "sandwich system" achieves a volume reduction of up to 80% in the warehouse and during transport. This not only **saves space and transport costs** – the factory and warehouse are also visually enhanced by tidiness and cleanliness. Conveyor technology, robot handling, RFID identification and other Industry 4.0 applications present no problems for our containers.

The KTP "all-round carefree package" – excellent service is a matter of course for us!

We accompany you throughout the entire process:
- Comparison of containers and customer requirements
- Economic efficiency calculation, determination of the ROI
- Development, production and sale of the containers from one source
- Support in the implementation by means of handling courses and training videos
- In-house support for repairs
- Recycling at the end of the product life cycle

Benefit from 30 years of experience – We operate in the following sectors:

- Automotive
- White goods / brown goods
- Pharmaceuticals
- Electrics
- Building machines
- Harvesting machines
- Mechanical engineering
- Textile
- and many more.

Optimum utilisation capacity in the mega-trailer as the result of our standardisation process and the modular container system.

ONLY AVAILABLE AT KTP

FAST – EASY – SAFE.

Our ground-breaking idea of the **"sandwich solution"** is still the centre of focus today. **Easy and self-explanatory handling** characterises all of our container systems. In many of our new developments, the **"reduction of parts"** of the container (pallet, lid, sleeve, base insert) plays an important role in the optimisation of ergonomic handling, user comfort and economic efficiency.

See page 10.

Integrated base insert

FROM 4 TO 3 PARTS
- Open pallet deck is covered
- The loose base insert only covers the hollow feet
- The integrated base insert covers and goes a step further: When loaded, the sleeve is automatically locked in the pallet

SmartFix®

FROM 4 TO 1 PART
- All parts are firmly connected to one another – to ensure that nothing is lost
- The sports car amongst the containers – assembled and dismantled in only 4 seconds
- Available in many sizes

SnapLock

2 STEPS LESS
- Secure closure without manual locking
- Robust and durable
- It couldn't be faster or easier

TurnLock

SECURE IN ONLY 2 STEPS
- Securely closed in next to no time
- Containers with a detachable front panel are stabilised with the TurnLock – even during dynamic transport

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HOW TO DO IT

UNBEATABLY FAST HANDLING.

SYSTEM CLASSIC – Folding
3 parts = no sandwich (4 spaces during assembly)
> Lids, pallets and sleeves are stacked separately

SYSTEM 2000/SYSTEM QUAD – Sandwich folding
3 parts = 1 sandwich
> Lid, pallet and sleeve are kept in pairs

VERSION SMARTFIX® – The one-piece sandwich
1 part = 1 sandwich
> Lid, pallet and sleeve are firmly interconnected

VERSION DUO – Sandwich folding
3 parts + inside packaging = 1 sandwich
> Lid, pallet, sleeve and inside packaging are kept in pairs

TABLE OF SIZES

SYSTEM CLASSIC

External dimensions (mm)	Clear internal dimension (mm)	Payload/ stacking load (kg)	Additional designation	Full/empty containers on a mega-trailer*	Standard (3-piece container)	SMART FIX®	Duo
1200 x 800 x 875	1160 x 760 x 705	250 / 1150	–	99 / 462	●	–	–
1200 x 800 x 875	1136 x 736 x 705	250 / 1150	–	99 / 429	–	–	●
1200 x 1000 x 985	1168 x 968 x 800	250 / 1250	–	78 / 364	●	–	–

SYSTEM EXPORT (CARDBOARD)

External dimensions (mm)	Clear internal dimension (mm)	Payload/ stacking load (kg)	Additional designation	Full/empty containers on the mega-trailer*	Full/empty containers in a sea container**	Standard (3-piece container)
1130 x 725 x 730	1054 x 654 x 560	350 / 1000	Sea container small	144 / 468	96 / 320	●
1200 x 800 x 875	1154 x 754 x 705	350 / 1000	–	99 / 462	72 / 240	●
1200 x 1000 x 990	1162 x 962 x 815	350 / 1000	–	78 / 364	42 / 210	●
1450 x 1130 x 750	1379 x 1060 x 550	350 / 1000	Sea container large	72 / 234	48 / 160	●

CARRIER SYSTEM

Basic size (in mm)	Carrier system	Payload (kg)	Compatibility	Standard
800 x 600	SYSTEM 2000	350	–	●
1200 x 800	SYSTEM 2000	350	–	●
1200 x 1000	SYSTEM 2000	350	–	●
1220 x 820	SYSTEM 2000	250	Multifunction	═
1200 x 800	SYSTEM QUAD	750	mit 114 777	●
1200 x 1000	SYSTEM QUAD	750	mit 114 888	●

An individual product often requires a tailor-made packaging option. Together with our customers, we develop the ideal packaging solution for an optimum logistics process. The resulting benefits are diverse. We not only ensure the best possible capacity utilisation of the packaging volume, we also optimise handling (e.g. by means of additional loading hatches, detachable side walls, skids, etc.). We can ensure safe and cost-effective transport thanks to our foldable containers (incl. inside packaging). Just contact us!

TABLE OF SIZES

SYSTEM 2000

External dimensions (mm)	Clear internal dimension (mm)	Payload/ stacking load (kg)	Additional designation	Full/empty containers on a mega-trailer*	Standard (3-piece container)	SMART FIX®	Duo
800 x 600 x 710	745 x 546 x 525	200/600	–	264/858	●	●	–
800 x 600 x 750	772 x 572 x 560	300/1000	Düsseldorfer	264/858	|||	|||	–
1000 x 600 x 695	933 x 534 x 515	250/1000	–	208/728	●	●	–
1000 x 800 x 750	940 x 740 x 575	200/1000	–	156/546	═	–	–
1130 x 725 x 730	1060 x 660 x 560	200/900	Sea container small	144/468	●	–	–
1200 x 1000 x 990	1140 x 940 x 815	250/1250	–	78/364 (Duo 260)	● / ═	●	●
1200 x 1000 x 990	1140 x 940 x 805	350/1250	CombiStack	78/312 (Duo 260)	═	–	═
1220 x 820 x 955	1170 x 770 x 756	250/1250	Multifunction	96/416	═	–	–
1230 x 830 x 945	1170 x 770 x 745	250/1150	–	96/416	●	–	–
1230 x 830 x 945	1170 x 770 x 755	250/1150	–	96/416 (Duo 320)	–	●	●
1450 x 1130 x 750	1386 x 1065 x 550	350/1250	Sea container large	72/234	●	–	–
1500 x 1200 x 750	1430 x 1130 x 575	250/1250	–	72/234 (Duo 180)	●	●	●
1500 x 1200 x 990	1430 x 1130 x 805	250/1250	–	54/234 (Duo 180)	●	●	●
1600 x 1200 x 750	1540 x 1140 x 560	350/1250	–	64/192 (Duo 144)	●	–	●
1600 x 1200 x 980	1540 x 1140 x 790	350/1250	–	48/192 (Duo 144)	●	–	●
1800 x 1200 x 990	1735 x 1135 x 810	350/1250	–	42/182	●	–	–
2100 x 800 x 890	2049 x 739 x 705	250/800	XXL	57/247	–	–	●
2400 x 820 x 920	2345 x 758 x 720	250/800	XXL	48/192	▭	–	–

QUAD SYSTEM

External dimensions (mm)	Clear internal dimension (mm)	Payload/ stacking load (kg)	Additional designation	Full/empty containers on a mega-trailer*	Standard (3-piece container)	SMART FIX®	Duo
1230 x 830 x 945	1175 x 776 x 756	400/1250	–	96/384	–	–	●
1230 x 830 x 980	1195 x 795 x 780	500/1250	Super Quad	96/416	●	●	–
1230 x 1020 x 990	1175 x 965 x 790	400/1250	–	78/312	–	–	●
1230 x 1020 x 990	1175 x 965 x 804	250/1250	Ultimate	78/338	–	–	●
1230 x 1230 x 985	1175 x 1175 x 780	400/1250	–	60/220	–	–	●

● = Container without skids

||| = with 3 skids (short side) | ═ = with 2 skids (long Side) | ▭ = with 2 skids (long + short side)

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We are certified to:
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DIN EN ISO 14001
DIN EN ISO 50001

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