

# IPG ALUMINIUM CONCEPT





71036



net weight: approx. 14,4 kg

loading capacity: 1.000 kg (surface load)

70601

net weight: approx. 12,0 kg

loading capacity: 600 kg (surface load)



71035



net weight: approx. 13,0 kg

loading capacity: 1.000 kg (surface load)



71057

net weight: approx. 15,2 kg

loading capacity: 1.200 kg (surface load)



71566



net weight: approx. 14,6 kg

loading capacity: 1.500 kg (surface load)



71037

net weight: approx. 16,4 kg

loading capacity: 2.000 kg (surface load)



71042



net weight: approx. 15,0 kg

loading capacity: 2.000 kg (surface load)

71570

net weight: approx. 16,8 kg

loading capacity: 2.500 kg (surface load)



72061



net weight: approx. 20,5 kg

loading capacity: 3.000 kg (surface load)

Characteristic: Identical to the European pool pallet- High Loading Capacity!

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71644

net weight: approx. 16,4 kg

loading capacity: 1.000 kg (surface load)



Characteristic: Struts made of rectangle profile – low risk of damage, low risk of running over with handcarts!

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71974



net weight: approx. 11,5 kg

loading capacity: 1.000 kg (surface load)



Characteristic: struts made of u-profiles- Low Net Weight

71054



net weight: approx. 17,9 kg

loading capacity: 800 kg (surface load)

71572

net weight: approx. 17,6 kg

loading capacity: 1.500 kg (surface load)



72047



net weight: approx. 18,9 kg

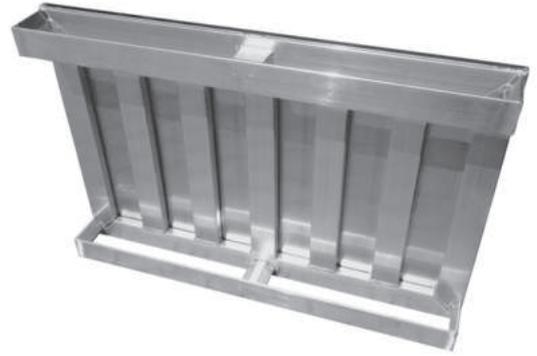
loading capacity: 1.500 kg (surface load)

# SPECIAL PALLETS

## PALLETS WITH METAL DECK



Standard-Metal-Aluminum



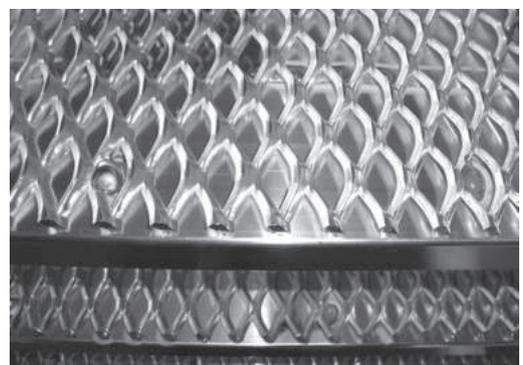
Bottom



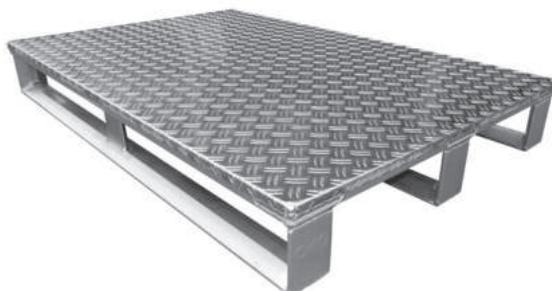
Top



Aluminum-Perforated-Metal



Aluminum-Stretched-Metal



Aluminum-Checker-/Bulb-Plate

The pallet consists of a complete layer of aluminum welded deck.

Characteristic:

The inner nucleus of the sandwich can consist from aluminum profiles or PP-honeycombplates.

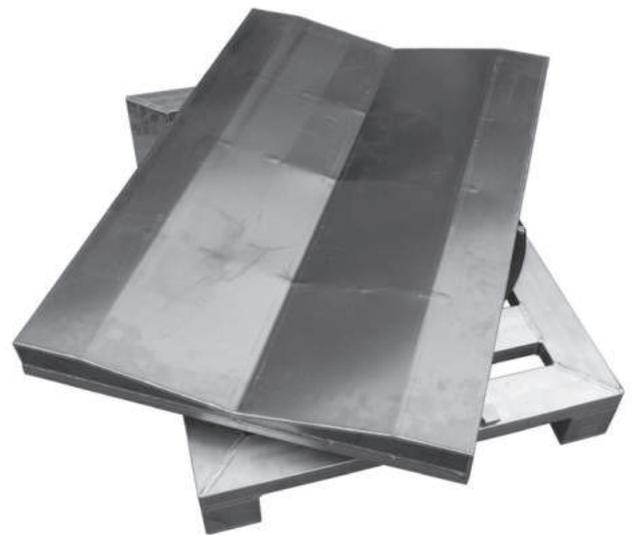
This nucleus is fixed between two aluminum metal plates and welded. This sandwichsystem allows easy cleaning of the pallets because there are no open spaces in the construction.



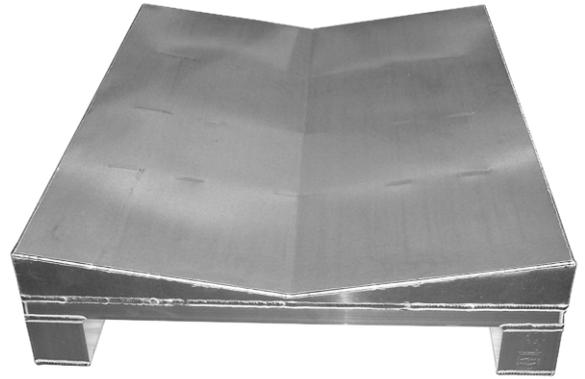
Top - Sandwich



Bottom - Sandwich

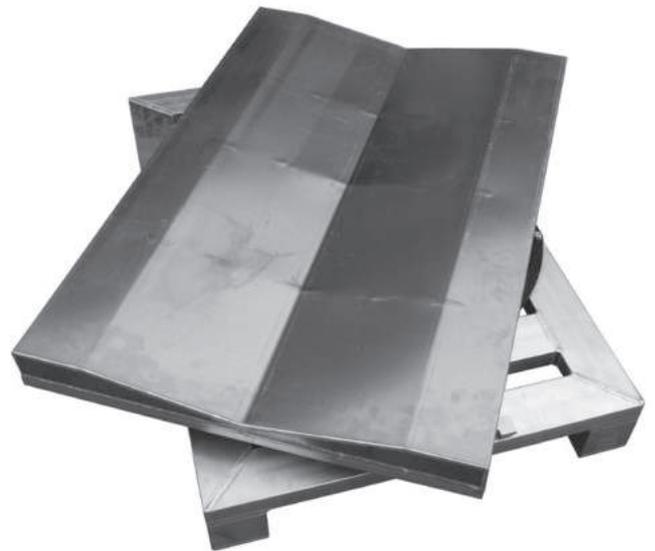


### Hollowpallet



### Hollowpallet with revolving possibility

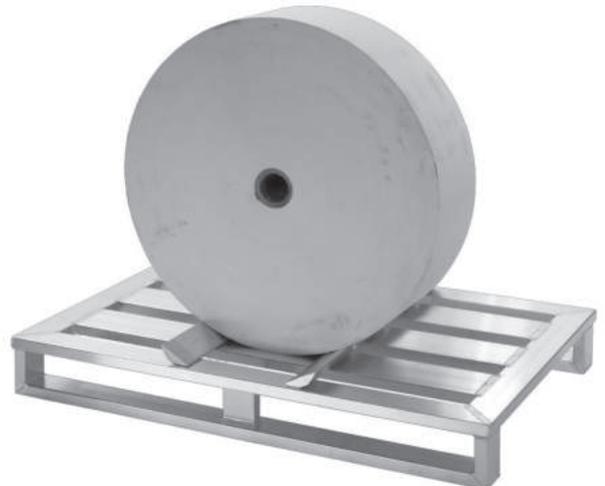
360° swiveling (to click each 90° step)



### Safe Lengthwise Storage



### Safe Crosswise Storage



Adaptable to each role diameter:



### Operating Instructions (patented)

Step 1



Insert safetywedge diagonal into the pallet deck

Step 2



Aline safetywedge parallel to the pallet deck

Step 3



Press down to fix the safetywedges

Step 4



Same procedure step 1 to step 3 for opposite side

Step 5

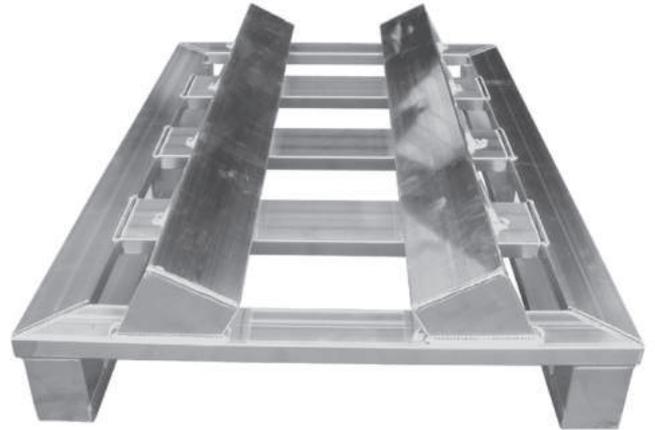


To take off or to move the wedges please fold up the wedges (remove them)- now the wedges are flexible for a new width or removable

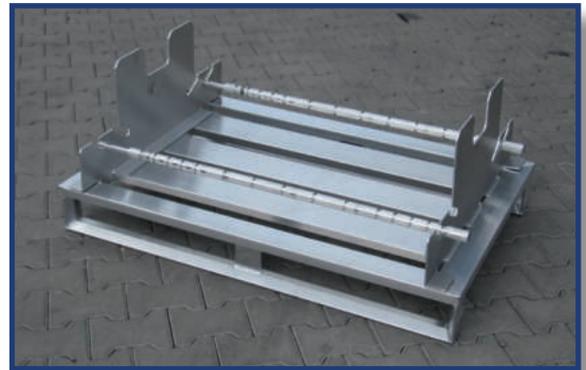
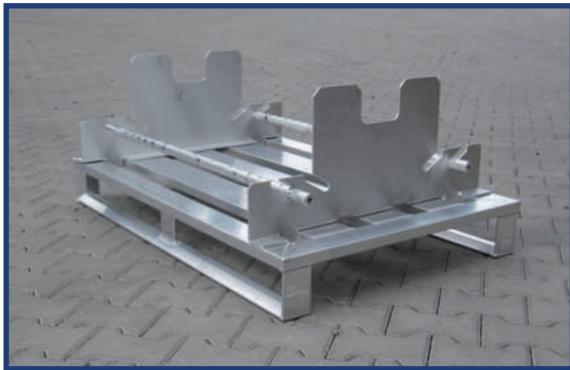
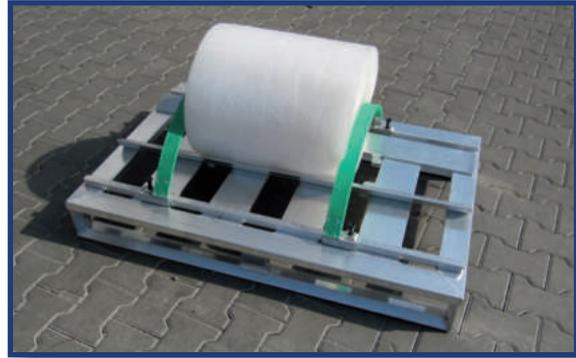
Step 6



Rigid (welded)



Examples: flexible securing in diameter AND width



For goods with fix diameter,  
with different widths and tiltsafety



Additional to our standards for product quality and economic handling we focus our doing on natural resources and on sustainable production processes.

Our company supports sustainable thinking and handling.

Environmental protection means:

- Following the legal rules
- Avoiding environmental pollution
- Effective usage of resources
- Focussing on sustainable handling for each employee



Our environmental targets are equal to our qualitative and economic targets.

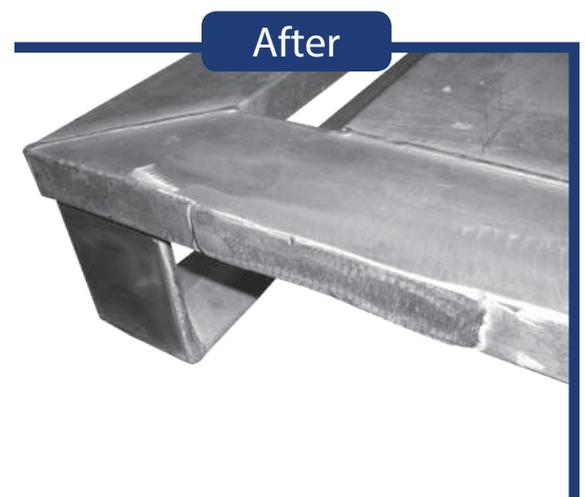
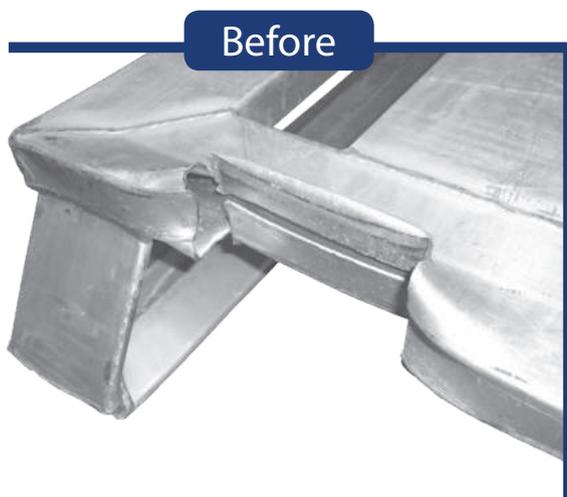
**Our products consist of 100% recyclable material.**

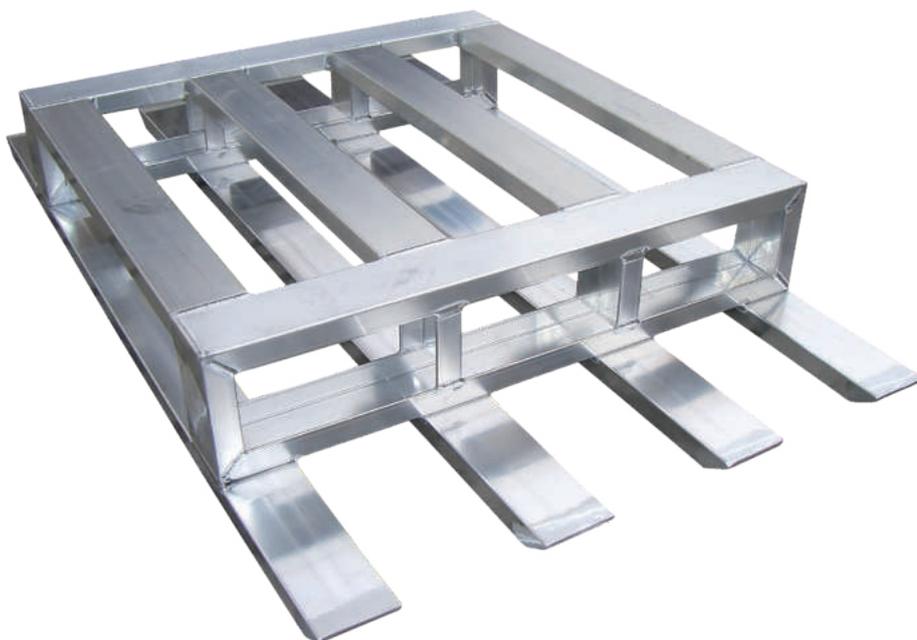
The recycling process of aluminum only needs 10% of energy compared to the original production process of aluminum as raw material.

During our production process all waste pieces are recycled 100%.

## SUSTAINABILITY/ REPAIRSERVICE

You send broken aluminum pallets and we repair if possible.





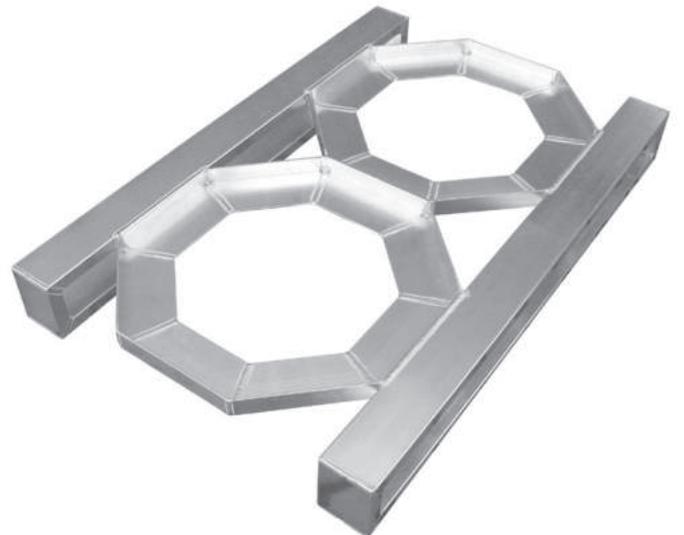
in a lying position



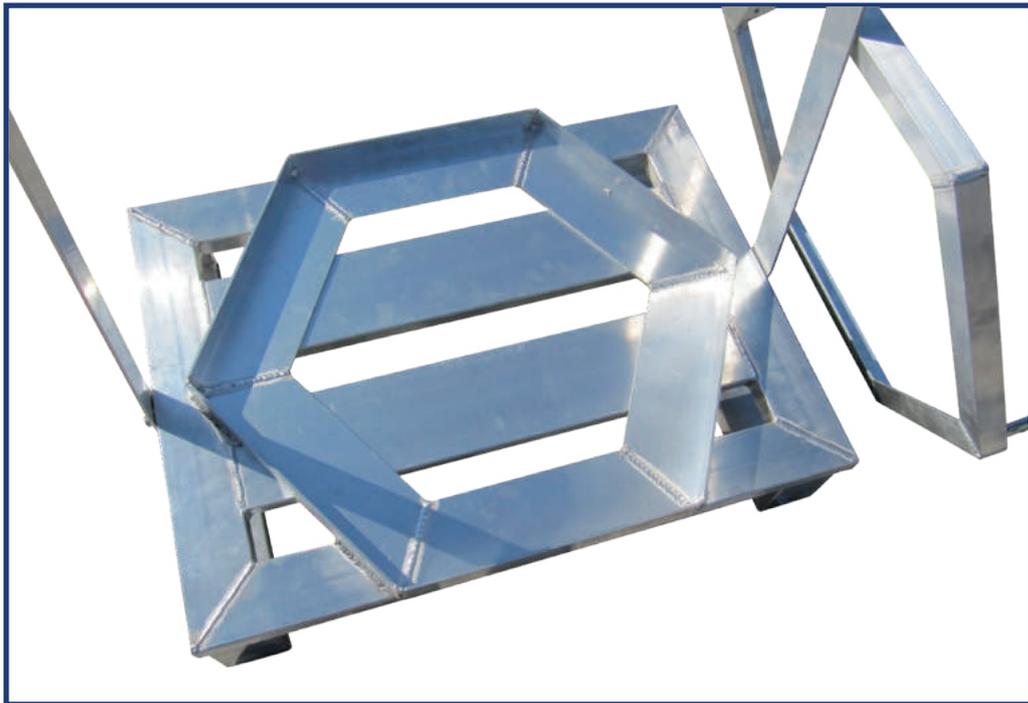
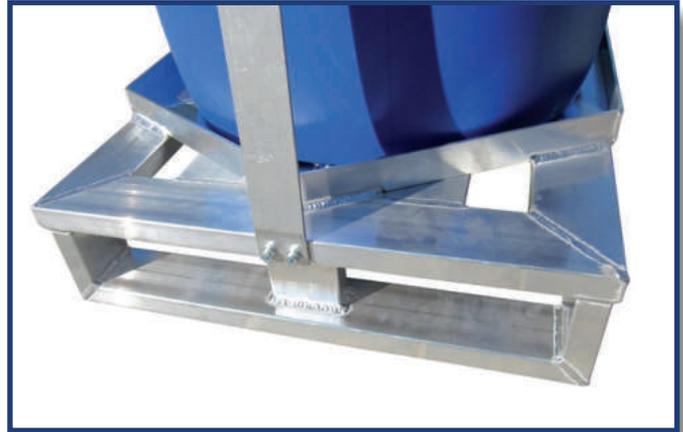
to be placed upside



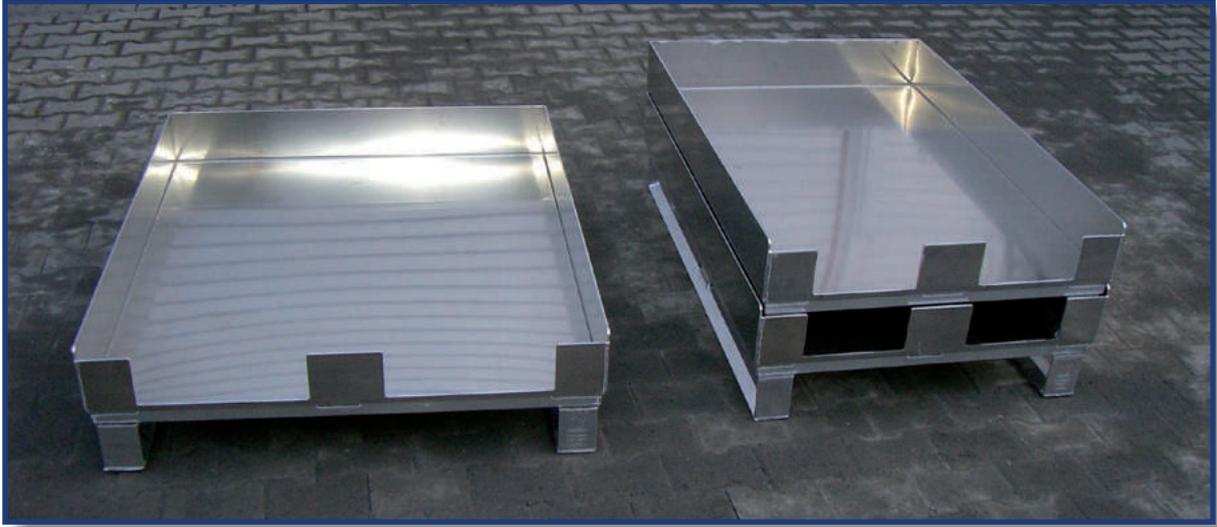
optional with safety rack



Safety racks for single barrels



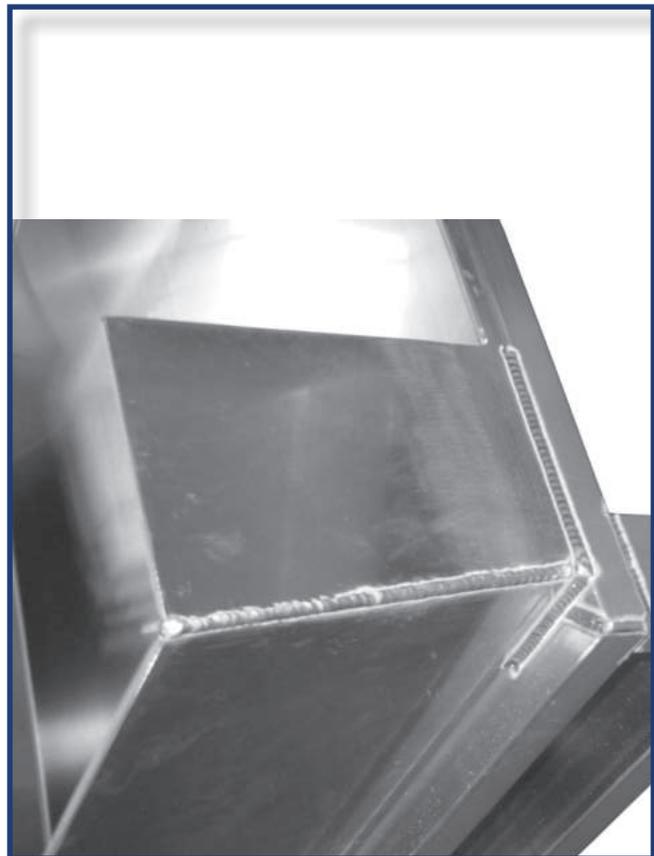
for pallets in european size and industrial format



### Examples

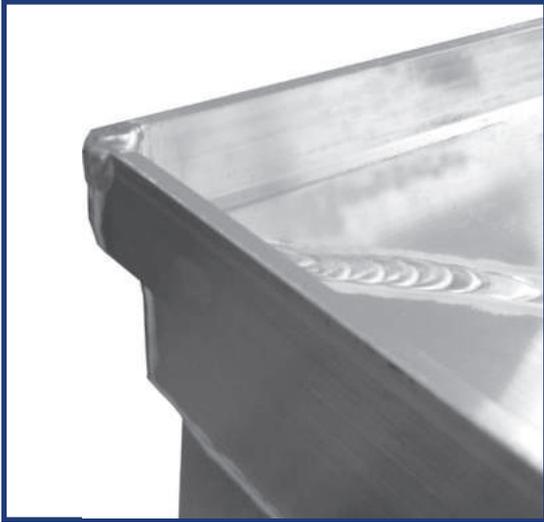


### Special Construction – Trapeze Tray

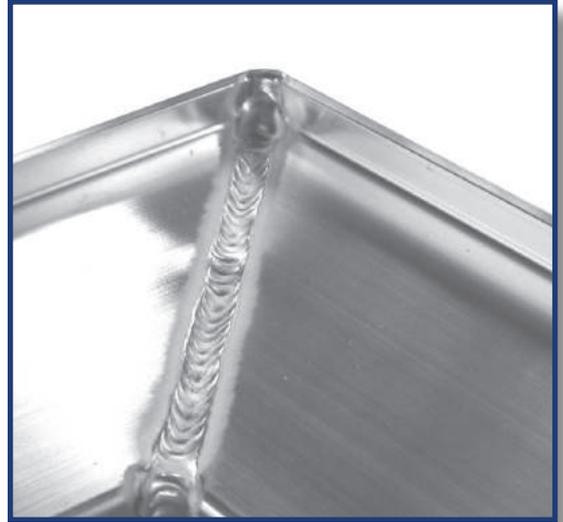


### Aluminum-Pipeprofile with integrated tray

20 mm Hight



10 mm Hight



### Examples



Examples



# SPECIAL PALLETS

With PE Struts/ PE Gliders

(for protection of sensitive floors)





# PALLET TOP

Top Frame foldable



# PALLET TOP

Top Frame foldable





Container and Pallets made from Aluminum are applicable in all hygienic sensitive areas (GMP-/HACCP- regulations)

For example:

- Incoming goods
- Storage of outgoing goods and packing material
- Storage under temperature – warm or cold
- Storage ( quarantine, risky raw materials, in between storage for half, bulk and finished goods, high rack storage)
- Medicine drugs are safely transported and stored on aluminum pallets as well as nutritional food, toxic drugs and waste.

Generally all our products are suitable for conveyor belts – with rolls, chains or high rack stors.

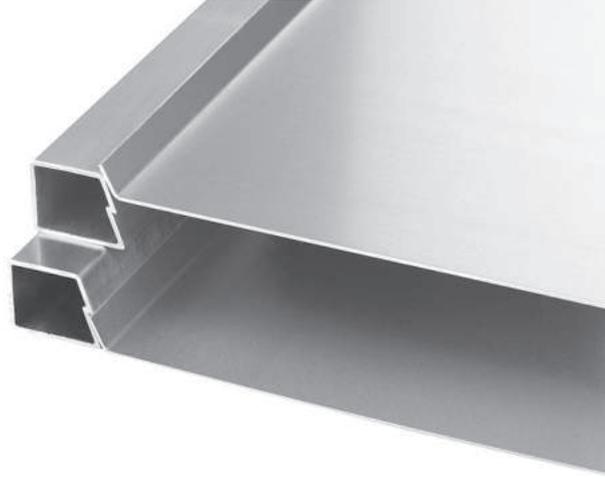
Our Aluminum pallets fulfil GMP and HACCP hygienic regulations. The products are certificated from TÜV and GS.

We produce pallets european size, as well as industrial and special sizes and customized sizes.

Taylormade pallet tops, skeleton boxes and container made from aluminum can be produced in all specifications or sizes.



## Examples for Container with metal sides



## Examples for Container with metal sides



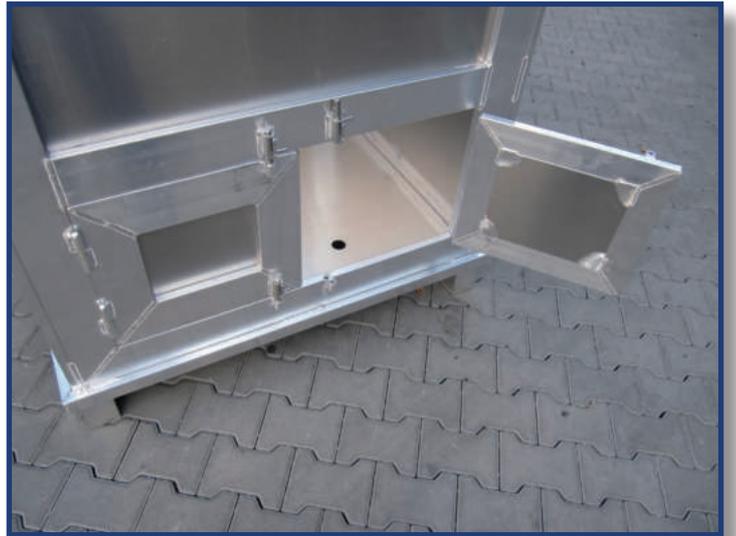
## Examples for Container with metal sides



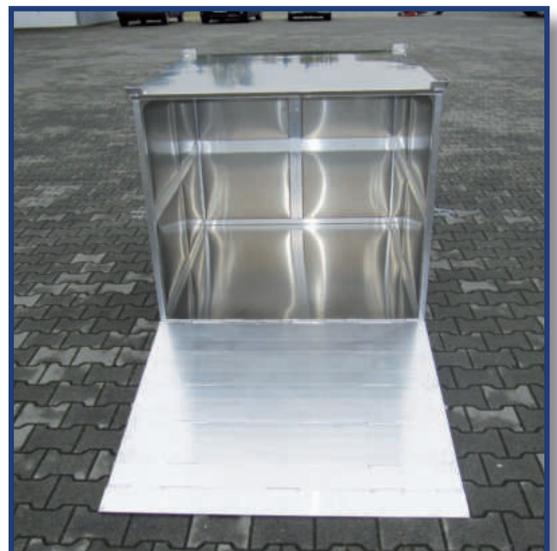
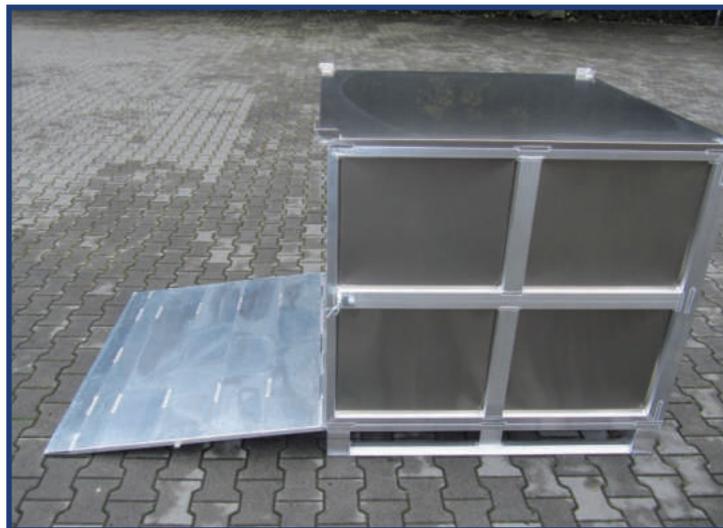
## Examples for Container with metal sides



## Examples for Container with metal sides



## Examples for Container with metal sides



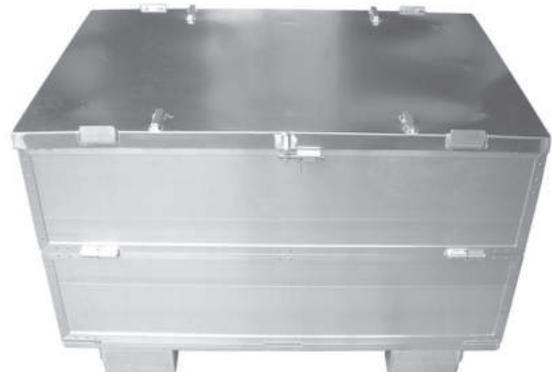
## Examples for Container with metal sides



Examples for Container with pipeprofile side  
(robust, double sides)



Examples for Container with pipeprofile side  
(robust, double sides)



# CONTAINER

Examples for Container with pipeprofile side  
(robust, double sides)



## Examples for SPECIAL – Container



with NATO-colouring



## Examples for SPECIAL – Container with drawers



## Examples



## Examples



## Examples



### Examples



## Examples



## Examples



Our Aluminum boxes with welded wave grid sides are the new products in our portfolio.

The Pharma-, Bio-, Cosmetics-, and Nutritional Industries are followed by high hygienic standards. An additional aspect for the daily business is safety in terms of manipulation of certain ingredients.

One solution are our fine-meshed wave grids.

Advantages of this new products:

- Availability in various mesh openings (20<sup>2</sup>, 30<sup>2</sup>, 40<sup>2</sup>)
- Safety in terms of manipulation because of narrow mesh openings
  - Low weight
  - Perfect for usage in STERILISATION
  - 100% stainless
  - All sizes and forms available

We are able to produce taylormade solutions for you.



## Examples



## Examples



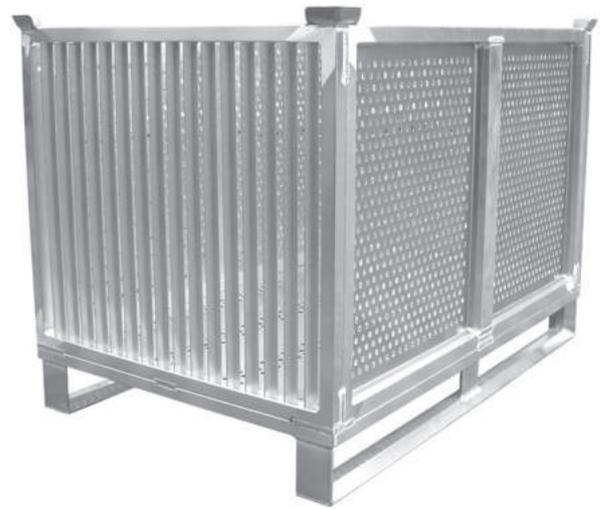
## Examples



## Examples



## Examples



Our experience and flexible production facilities give us the possibility to manufacture taylormade products made from Aluminum in single form and large series.

Ask us for your transport or storage solution.

We are happy to help you!



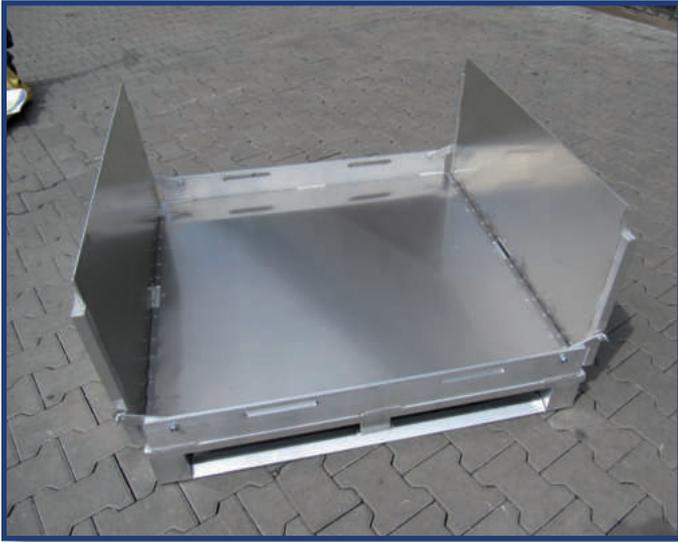
## Examples



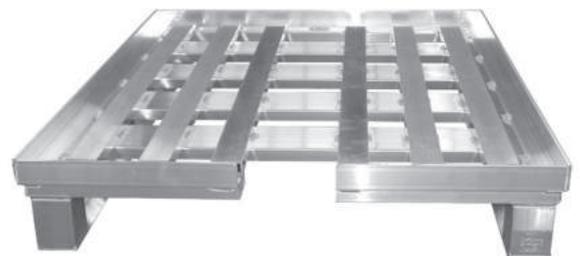
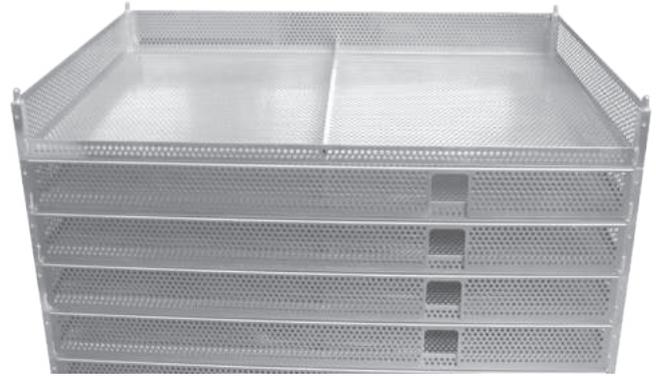
## Examples



## Examples



## Examples



## Examples



## Examples



## Examples



### Examples





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# IP-GROUP INTELLIGENT PACKAGING GROUP

Relationships create results. This is something we firmly believe in at IP-Group. As part of that philosophy we regard and value all our customers as partners. A close dialogue paves the way to joint success. Or as we usually say: If you win, we win.

As our company name suggests, we supply intelligent packaging. We develop, sell and rent out intelligent and cost-effective packaging systems in 100 per cent recyclable plastic and aluminium for companies in Europe ( all over the world). We are a company with high ambitions, which essentially means that an IP-Group product has to be flawless and delivered on time.

Our products also optimise our customers' transports, reduce carbon emissions through the design together with our return system. Sustainability plus concern about the environment and our customers' health and safety, set the standard when we develop new products.

We are certified according to ISO 9001 and ISO 14001.

