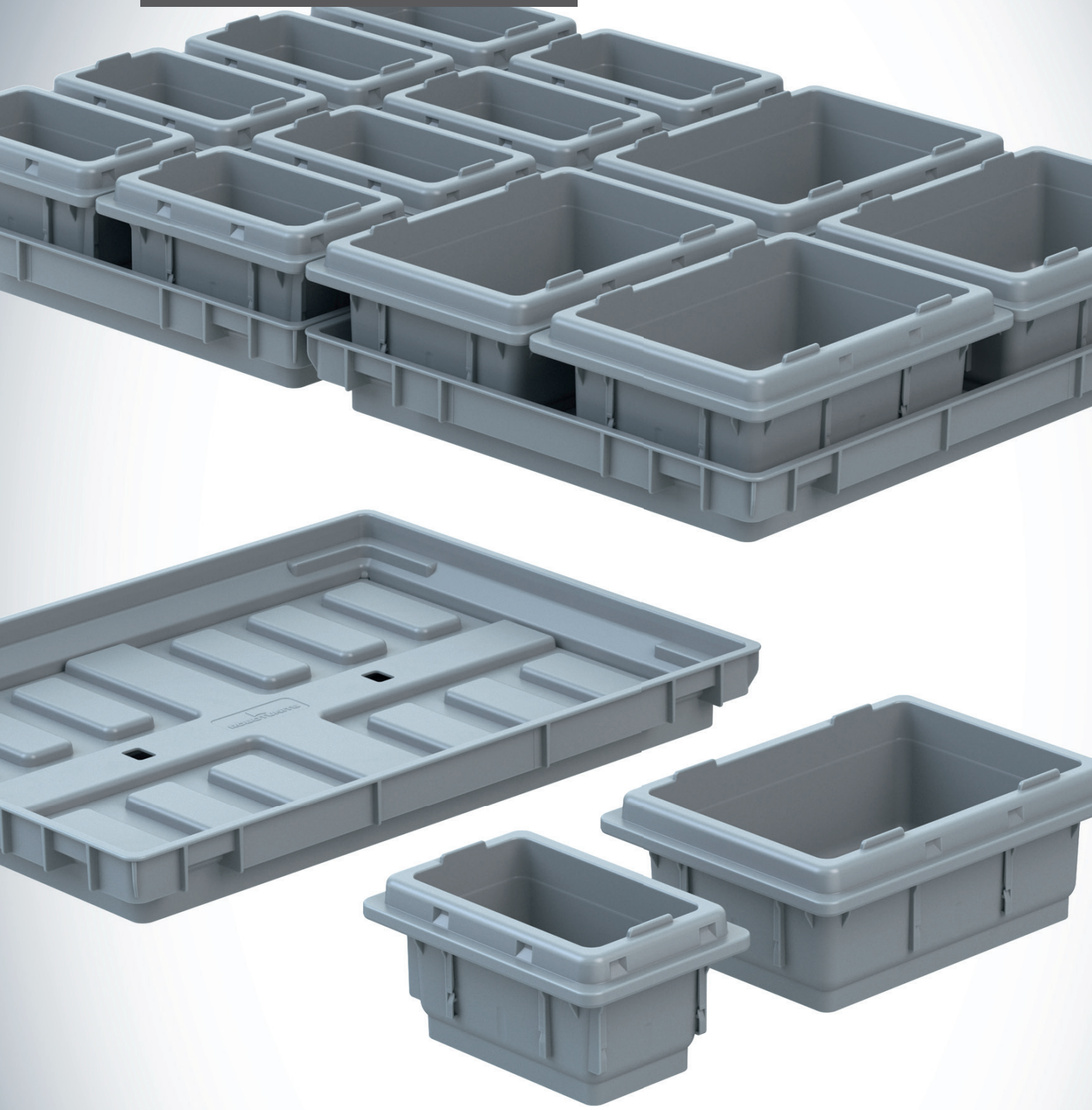
THE MODULAR TOTE SYSTEM



The Robotunits Tote System has been designed as an additional feature for the transport or storage of products in material handling. The main benefits of this new system are modularity, stability, and the seamless integration into the entire Modular Automation System. Whether it's sealed cardboard boxes for general cargo or bulk goods, we supply a customizable system to meet your needs.

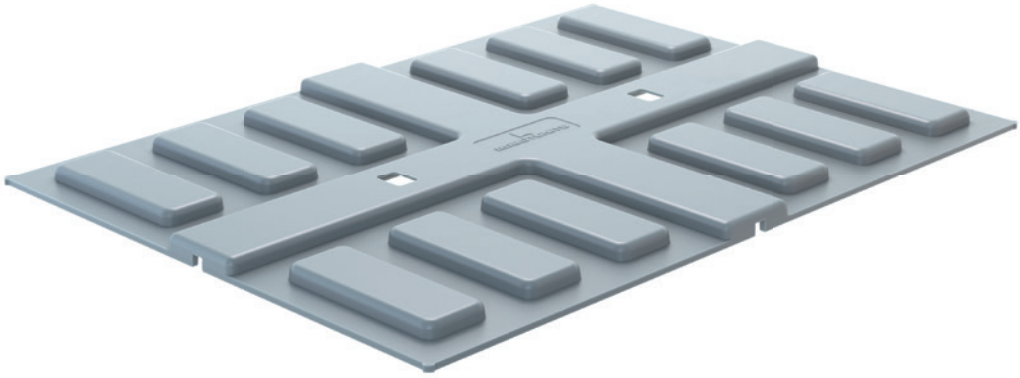
Container system
- design has been specially adapted to our Kanban system
- optimized gripping capability for robots due to form-fit interface on the tote
- can be combined with the entire Modular Automation System

Safe and stable construction
- can be easily stacked on top of each other
- stacking nubs for non-slip transport
- ribbed base rim for best rolling characteristics on roller tracks

Can be used individually in the PickStar system
- track lengths and widths can be adjusted in just a few steps
- track width can be adjusted without tools
- number of tracks can be adapted to the transport weight

Highly flexible
- tote dimensions allow for optimized stacking on trays and inlays
- allows for secure robot handling of tote
- trays and covers can be used multifunctionally (e.g. as tool or workpiece carrier)

Save time, reduce costs
- easy to learn, minimal training needed
- easy to integrate



The modular Tote System

Small Parts Tote System

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Tote
150x100 / 200x150
BOX___

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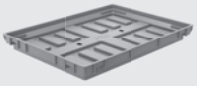
Tray / Inlay
400x300
BOX403_



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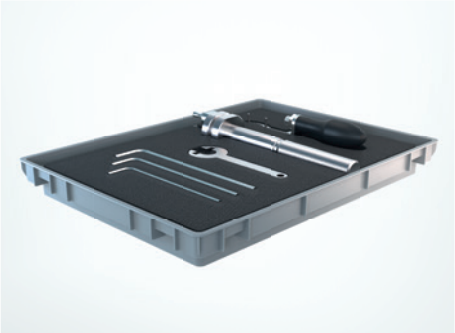
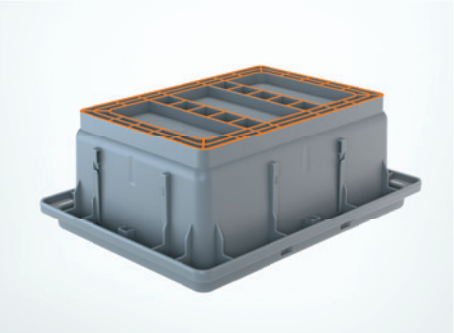
Small Parts Tote System - Product features

Stacking nubs
for non-slip transport



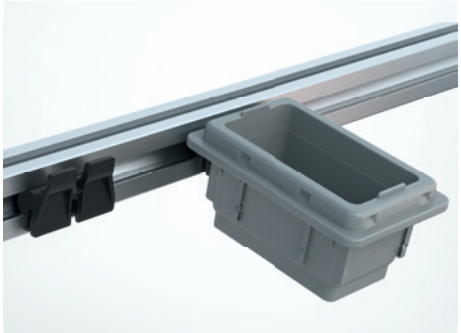
Tray can be used multifunctionally
(e.g. as a tool or workpiece carrier)



Ribbed base rim
for best rolling performance on roller tracks

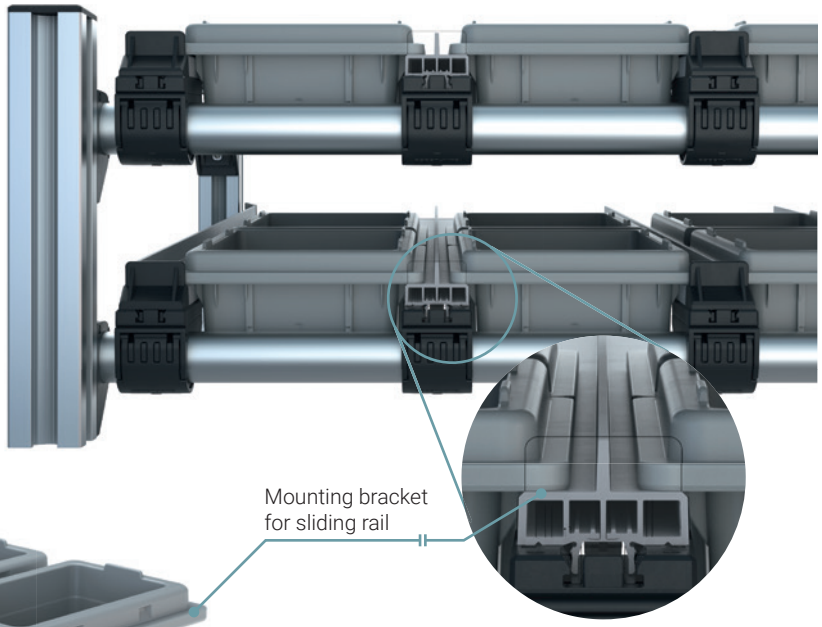
Can be stacked on top of each other
with reference line for max. filling height

Optimal for being gripped by robots



Box holders available as accessories

Combination - ideally integrated with the MBS PickStar



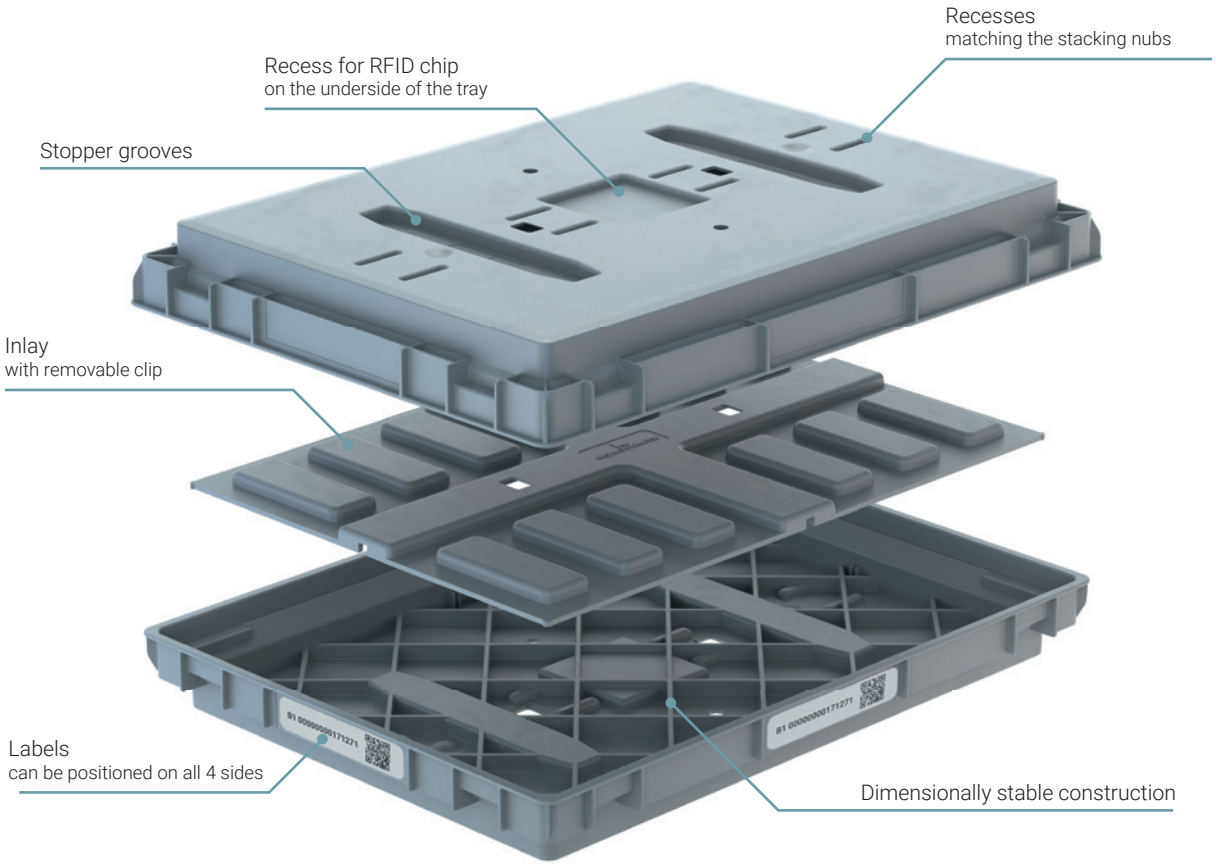
Two combinable standard sizes

Mounting bracket
for sliding rail

Also available as ESD version

Labels
can be positioned on all 4 sides

Tray - Product features



Stackable - from tray to pallet

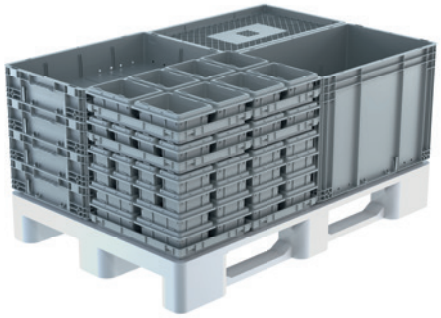
Tray with inlay

Tray with filled inlay

Tray used as sandwich board

Sandwich board filled

Tray used as a lid



Pallet

BOX____ Tote 150x100 / 200x150

Tote 150x100x75

Tote 200x150x75

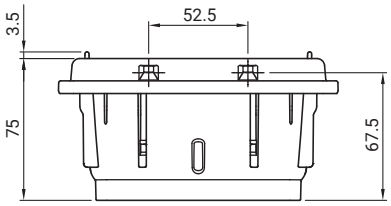
Application
Small parts tote, compatible with the entire Robotunits Tote System:

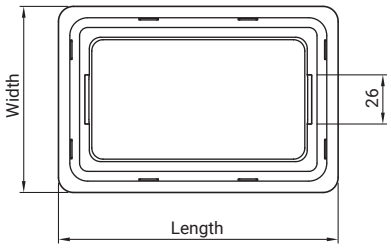
- Dimensionally stable
- Stackable
- Ergonomic
- Labeling on all 4 sides (slide-in or stick-on)

Technical data
Material: PP, ESD is available on request
Temperature resistance:
-20°C to +60°C, briefly +75°C

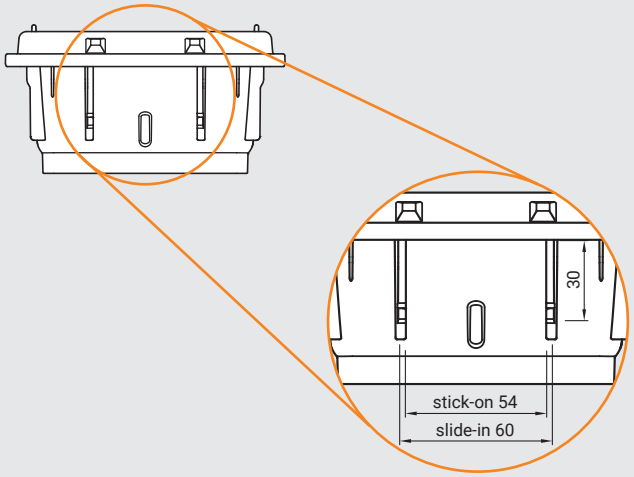
Load capacity
150x100 = 2.2 kg
200x150 = 4.4 kg

Stacking load
100 kg

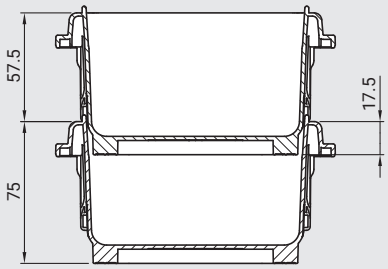




Label dimensions



Stacking dimensions

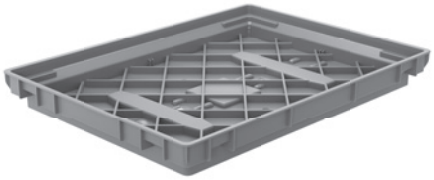


Order code

Description	Outer dimensions Length	Outer dimensions Width	Inner dimensions Length	Inner dimensions Width	Volume: Liter	Order code	Weight/pc.
Tote 150x100x75, pack of 112 pcs.	148	98	110	60	0.45	BOX1510PAC0112	0.100 kg
Tote 200x150x75, pack of 56 pcs.	198	148	160	110	1.18	BOX2015PAC0056	0.170 kg

Drawings: Dimensions in mm

BOX403_ Tray 400x300 / Inlay 400x300



Tray 400x300

+

Inlay 400x300

=

Tray with inlay 400x300

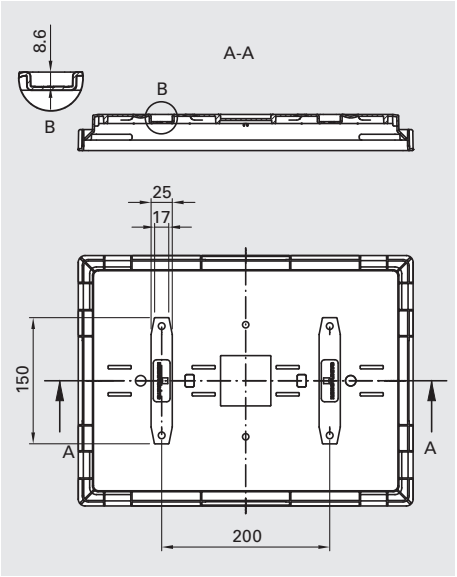
Application
Tray, compatible with the entire Robotunits Tote System

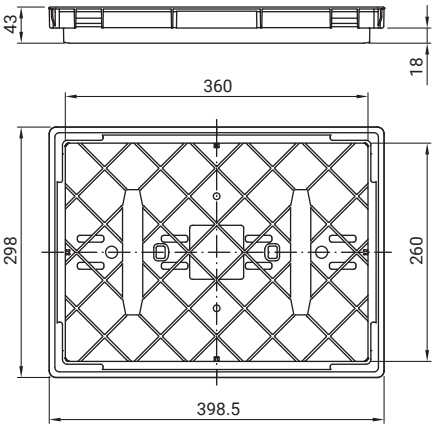
- Dimensionally stable
- Stackable
- Replaceable inlay
- Low noise on conveyor lines
- Identification through side and bottom recesses for coding (e.g. data matrix)
- Stopper grooves
- Water drainage openings

Technical data
Material: PP, ESD is available on request
Temperature resistance:
-20°C to +60°C, briefly +75°C

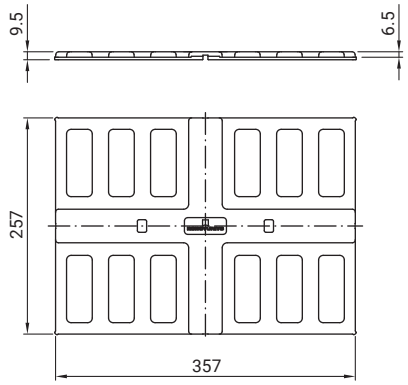
Load capacity
17.5 kg

Stopper groove





Tray 400x300



Inlay 400x300

Order code

Description	Order code	Weight/pc.
Tray 400x300, pack of 264 pcs.	BOX4030PAC0264	0.455 kg
Inlay 400x300, pack of 264 pcs.	BOX4031PAC0264	0.335 kg

Drawings: Dimensions in mm