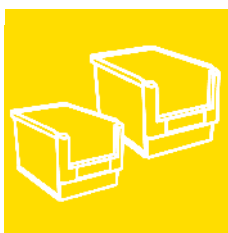BINS & CONTAINERS

Storage, transport and order picking containers

BITO provides an impressive range of bins and containers for any application - from storage bins and picking containers over stacking containers in European standard sizes to our very popular multi-purpose container series, from bins and trays for automated small parts storage to containers in pallet size.

Our R&D design and construction engineers take pride in working out the optimum, customer-oriented solution. Backed by the most advanced office equipment and technical facilities in our plant, our R&D department is able to respond to specific customer demands and to coordinate the introduction of new bin and container types - from the initial steps to the three-dimensional, digital model, from the prototype to the final product ready to be manufactured in series.
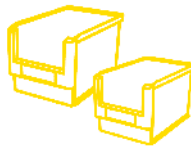
BITO

… to suit any application!

BINS & CONTAINERS

BITO

BINS & CONTAINERS

Telephone hotline +49 - 67 53 - 122 0

BINS & CONTAINERS

Plastic bins and containers made in Germany

BITO bins and containers are produced in one of the most modern plants of the industry on high performance injection moulding machines with a clamping force of up to 27000 kN. After production, our bins and containers pass through our 600 sqm finishing centre where they are given the final touch to meet customer specific requirements. The entire manufacturing process combines high levels of automation with utmost versatility.

Markings and identification

Requests as to the application of logos and messages as well as bin and container identification are as diverse as our customers. The easiest way to realise these requests is by print-ons. BITO is able to do more than this: we offer all other options, too: from screen print, pad print, hot stamping and injection moulding to automated barcode labelling.

Welding, milling, rivetting

The use of bins and containers in automated storage installations means observing very narrow tolerances, particularly in view of base deflection. With vibration welded double base containers from our finishing centre, we perfectly meet this requirement. Other bin and container features can also be provided without any difficulty - our modern CNC milling machines realise precision holes, drainage holes and slots as required.

BITO

Environmental compatibility

Plastic bins and containers not used anymore will be ground in a recycling facility. The regranulated material will then be used to manufacture special application products.
Bins and containers marked with this symbol are produced from plastic regranulate.

5 year warranty

All bins and containers with this symbol are granted a 5 year warranty on quality - which is far more than required by law.

Colours

*Supplied in any colour for orders exceeding **200** bins!*

Many bin and container types are available in special colours when ordered in quantities of 200 and more. Call us!

Food safety

food safe

BITO bins and containers marked with this symbol are safe for storing and transporting unpacked foodstuffs.

ESD version

ESD version on request

Bins and containers marked with the ESD symbol are made from dissipative material to protect electronic parts and components from damage caused by sudden electrostatic discharge. Please ask us!

Polypropylene (PP)

05 PP

Copolymer polypropylene guarantees a long service life, is resistant to most acids and alkalis, organic solvents and greases. In addition, it is odourless, mild on skin, food safe and recyclable.

Recycled polypropylene (PP-RE)

05 PP-RE

Recycled, granulated material. This symbol denotes that bins or containers have been manufactured from recycled polypropylene.

Polystyrene (PS)

06 PS
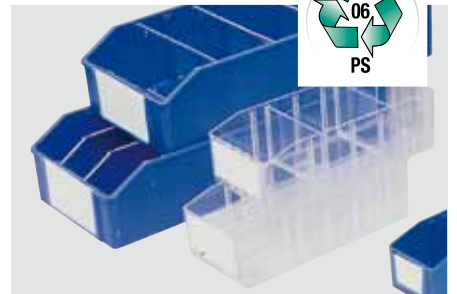
Polystyrene is a highly rigid material. Also available as transparent version.

*50 kg
< 1 mm
Base deflection**
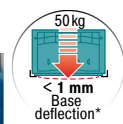
Bins and containers must comply with strict requirements for use in ASRS systems. Base deflection is a critical factor. There are narrow limits for deflection which must not be exceeded for automated handling. This symbol shows the maximum base deflection of a bin or container type.

Temperature resistance

-20°C +90°C
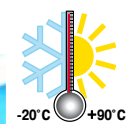
Temperature resistance can be an important plus factor depending on the storage environment and the cleaning method. This symbol indicates minimum and maximum temperatures.

BINS & CONTAINERS

STORAGE BINS

Storage bins SK

Easy-to-view-n'-pick solution for small parts

- **9 variations in 5 base dimensions**
- **Straight sides and 90° corners allow good volume utilisation**
- **Integral moulded grips for safe handling**
- **The textured base and rounded edges ensure optimum travel characteristics on conveyors and in live storage systems**
- **Safe stacking due to positive locators on the stacking edge**
- **Sturdy corner profiles provide high rigidity**
- **Supplied with 1 label card per container**

TOP SELLER
SK1095-BLAU

BITO-Plus

5 YEAR WARRANTY

ESD version on request

-20°C +90°C

food safe

05 PP

Outside dim. L x W x H	Inside dimensions L x W x H	Volume	Load capacity	Stacking load	Container type	Pcs/pack	Ref. no.	Ref. no.	Ref. no.	Ref. no.
mm	mm	Litres	kg	kg						
85 x 102 x 50	69 x 90 x 43	0,2	1		SK1095	60	SK1095-BLAU	SK1095-ROT	SK1095-GELB	SK1095-GRÜN
160 x 103 x 75	139 x 87 x 68	0,8	2		SK1610	40	SK1610-BLAU	SK1610-ROT	SK1610-GELB	SK1610-GRÜN
230 x 150 x 125	199 x 129 x 116	3,0	5	35	SK2311	20	SK2311-BLAU	SK2311-ROT	SK2311-GELB	SK2311-GRÜN
350 x 210 x 145	299 x 186 x 134	7,5	15	90	SK3521	10	SK3521-BLAU	SK3521-ROT	SK3521-GELB	SK3521-GRÜN
350 x 210 x 200	299 x 186 x 188	10,0	20	90	SK3522	10	SK3522-BLAU	SK3522-ROT	SK3522-GELB	SK3522-GRÜN
500 x 315 x 145	447 x 281 x 132	17,0	30	180	SK5031	8	SK5031-BLAU	SK5031-ROT	SK5031-GELB	SK5031-GRÜN
500 x 315 x 200	447 x 281 x 186	24,0	35	180	SK5032	6	SK5032-BLAU	SK5032-ROT	SK5032-GELB	SK5032-GRÜN
500 x 315 x 200 (R)	447 x 281 x 186	24,0	50	180	SK5032	6	SK5032R--BLAU	SK5032R--ROT		
500 x 315 x 300	447 x 281 x 286	36,0	35	150	SK5033	4	SK5033-BLAU	SK5033-ROT	SK5033-GELB	SK5033-GRÜN

ℹ️ (R) MB with ribbed base

Accessories

A Windows

B Dust covers

C Drop-on lids

D Longitudinal dividers
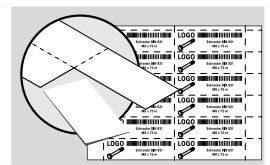
F Pre-perforated label sheets

G Label covers

E Handles
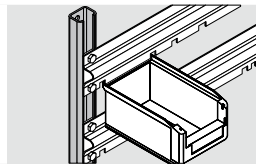
H Louvred panel uprights

I Bin suspension rails

STORAGE BINS

Pos.	Description		Accepts bin type	Pcs/pack	Ref. no.
A	Windows	made from transparent material, can be retro-fitted, permanently attached to container to avoid risk of loss, can also be opened when containers are stacked	SK 1610	10	ES1610
			SK 2311	10	ES2311
			SK 3521	10	ES3521
			SK 3522	10	ES3522
			SK 5031	10	ES5031
			SK 5032	10	ES5032
			SK 5033	10	ES5033
B	Dust covers	from plexiglass, dustproof storage, can be sealed with security tags, turning the dust cover by 180° allows to open the viewing window – dust cover and viewing window in combination completely close a bin	SK2311	10	SD2311
			SK3521, SK3522	10	SD352
			SK5030, SK5031, SK5032	10	SD503
C	Drop-on lids	from transparent polypropylene, optimum protection from dust, easy assembly, double function as dust cover and viewing window	SK 1095	10	VD1095
			SK 1610	10	VD1610
			SK 2311	10	VD2311
D	Longitudinal dividers	from polystyrene, colour: grey, can be retro-fitted, special holding fixture prevents label covers from getting lost, effortless slot-in fixing	SK3521, SK3522	10	LT352
			SK5032, SK5033	10	LT5032
E	Handles	from black PVC, supplied ready-mounted upon request; retro-fitting is possible after drilling two holes	SK5031, SK5032, SK5033	10	TS3
F	Pre-perforated label sheets	pre-perforated blank label sheets, suited for laser and inkjet printers, on white DIN A4 sheets, 140 g/m², 25 sheets per pack	SK1095	1600	46-20773
			SK1610	1000	46-20774
			SK2311, SK3521, SK3522	400	46-20775
			SK5031, SK5032	175	46-20776
			SK5033	125	46-20777
G	Label covers	made from transparent material, protect large-size labels from soiling and damage	SK1095	50	SF1095
			SK1610	50	SF1610
			SK2311, SK3521, SK3522	50	SF352
			SK5031, SK5032	50	SF503
			SK5033	50	SF5033
H	Louvred panel uprights	galvanised steel profiles, to be anchored to the wall, bin suspension rails can be adjusted in height anywhere along louvred panel uprights	L 1000 x W 35 x H 25 mm	1	CW1
			L 2000 x W 35 x H 25 mm	1	CW2
I	Bin suspension rails	profiled hanging rail from galvanised steel complete with 2 connector plates and 4 bolts. Notches will accommodate 10 bins SK1095, 10 bins SK1610, 7 bins SK2311, 5 bins SK3521. Louvred panel capacity and dimensions: number of hanging rails = number of bins in a row + 1, panel height = bin height + 45 mm, panel width = 1126 mm)	L 1126 mm	1	16/1

Louvred panel units

- ■ **Easy wall mounting**
- ■ **Precision formed and finished in non-corrosive galvanised steel**

SK-SET1   SK-SET2   SK-SET3   SK-SET4

Dimensions W x H mm	Equipment	Ref. no.
457 x 495 mm	16 x SK1610 (160 x 103 x 75 mm)	SK-SET1
	3 x SK2311 (230 x 150 x 125 mm) 8 x SK1610 (160 x 103 x 75 mm)	SK-SET2
457 x 991 mm	32 x SK1610 (160 x 103 x 75 mm)	SK-SET3
	16 x SK1610 (160 x 103 x 75 mm) 9 x SK2311 (230 x 150 x 125 mm)	SK-SET4

Accessories

(A) Louvred panels   (B) Louvred panels   (C) Fixing kit for mounting louvred panels to worktops   (D) Spigots for louvred panels   (E) Multi-position holders

Pos.	Description		Dimensions mm	Pcs/ pack	Ref. no.
A	Louvred panels, upright format	easy-to-mount, hardwearing steel sheet panels, suited for wall mounting, accept storage bins SK1095, SK1610 and SK2311	W 457 x H 495	1	14837
			W 457 x H 991	1	14838
			W 457 x H 1486	1	14839
B	Louvred panels, landscape format	easy-to-mount, hardwearing steel sheet panels, can be table and wall mounted, accept storage bins SK1095, SK1610 and SK2311, reinforcing profiles on the rear, can also be fitted to a desktop	W 495 x H 457	1	14833
			W 991 x H 457	1	14834
			W 1486 x H 457	1	14835
C	Fixing kit for mounting louvred panels to worktops	2, 3 or 4 brackets required depending on panel width	-	1	14847
D	Spigots for louvred panels	round spigots for louvred panels	L 150	1	14841
			L 200	1	14842
			L 300	1	14843
E	Multi-position holders		L 200	pair	14848

STORAGE BINS

Bin racks and bin trolleys

Bin racks

■ Robust make
■ Easy self-assembly
■ Designed to accommodate several bin sizes for maximum use of space

SK1095 SK1610
SK2311 SK3521

Description	Outside dimensions W x H x D mm	Equipment	Ref. no.
single sided use	1130 x 1885 x 500	70 x SK2311 blue	SR12
		60 x SK1610 red 42 x SK2311 blue	SR15
		50 x SK1095 blue 50 x SK1610 red 28 x SK2311 blue	SR16
		40 x SK1095 blue 40 x SK1610 red 21 x SK2311 blue 10 x SK3521 red	SR14
		40 x SK1610 red 21 x SK2311 blue 20 x SK3521 red	SR1N
		45 x SK3521 red	SR13
		150 x SK1610 red	SR11
double sided use	1130 x 1885 x 700	140 x SK2311 blue	SR22
		100 x SK1095 blue 100 x SK1610 red 56 x SK2311 blue	SR26
		120 x SK1610 red 84 x SK2311 blue	SR25
		80 x SK1095 blue 80 x SK1610 red 42 x SK2311 blue 20 x SK3521 red	SR24
		80 x SK1610 red 42 x SK2311 blue 40 x SK3521 red	SR2N
		90 x SK3521 red	SR23
		300 x SK1610 red	SR21
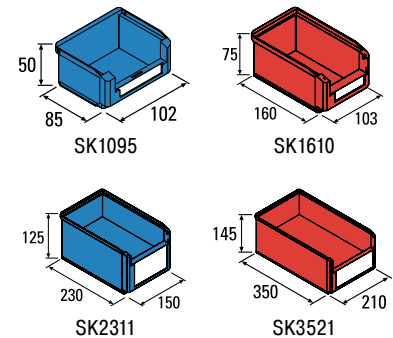
Bin trolleys

■ Robust, welded steel construction, galvanised
■ 1 push handle
■ 2 swivel and 2 fixed rubber tyred castors, Ø 125 mm
■ Easy self-assembly

Description	Outside dimensions W x H x D mm	Equipment	Ref. no.
single sided use	1130 x 1705 x 510	40 x SK1610 red 21 x SK2311 blue 10 x SK3521 red	SRW1N
		120 x SK1610 red	SRW11
		56 x SK2311 blue	SRW12
		35 x SK3521 red	SRW13
		60 x SK1610 red 28 x SK2311 blue	SRW14
double sided use	1130 x 1705 x 710	80 x SK1610 red 42 x SK2311 blue 20 x SK3521 red	SRW2N
		240 x SK1610 red	SRW21
		112 x SK2311 blue	SRW22
		70 x SK3521 red	SRW23
		120 x SK1610 red 56 x SK2311 blue	SRW24

STORAGE BINS

BITO Small parts storage bins and containers

Bin shelving
with storage bins SK

- **Load per level: 50 kg**
- **Bay load capacity: 500 kg**
- **Fast and easy assembly without bolts**
- **All shelving components galvanised**
- **1 stiffening beam**

ℹ️ Bin colours as illustrated. Other colours (blue, red, green, yellow) upon request!

145 / 350 / 210 SK3521
200 / 350 / 210 SK3522
145 / 500 / 315 SK5031
200 / 500 / 315 SK5032
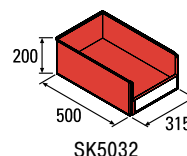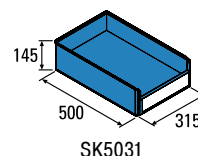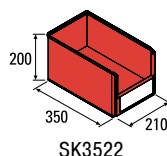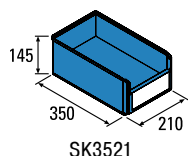
With 40 storage bins

Equipment	Description	Dimensions H x L x D mm	Number of shelves	Ref. no.
40 x SK3521 (350 x 210 x 145 mm)	Starter bay	1850 x 958 x 324	10	SKR3521G
	Extension bay	1850 x 908 x 324	10	SKR3521A

With 32 storage bins

Equipment	Description	Dimensions H x L x D mm	Number of shelves	Ref. no.
16 x SK3521 (350 x 210 x 145 mm) 16 x SK3522 (350 x 210 x 200 mm)	Starter bay	1850 x 958 x 324	8	SKR352122G
	Extension bay	1850 x 908 x 324	8	SKR352122A

With 30 storage bins

Equipment	Description	Dimensions H x L x D mm	Number of shelves	Ref. no.
30 x SK5031 (500 x 315 x 145 mm)	Starter bay	1850 x 1058 x 524	10	SKR5031G
	Extension bay	1850 x 1008 x 524	10	SKR5031A

Storage bins PK

Budget bin range with a large storage
capacity and useful accessories

■ **Good price-performance ratio**

TOP SELLER
PK3-BLAU

STORAGE BINS

Outside dim. L x W x H	Inside dimensions L x W x H	Volume	Material	Description	Pcs/pack	Ref. no.	Ref. no.
mm	mm	Litres					
350 x 210 x 145	295 x 185 x 134	7,5	PP		10	PK3-BLAU	PK3-ROT
350 x 210 x 200	295 x 185 x 190	10,0	PP		10	PK401-BLAU	PK401-ROT
500 x 315 x 200	442 x 282 x 187	24,0	PP		6	PK2-BLAU	PK2-ROT
500 x 315 x 300	438 x 280 x 293	38,0	PE	including handle	4	PK1-BLAU	PK1-ROT

Accessories

A Windows   **B** Dust covers   **C** Longitudinal dividers   **D** Handles

Pos.	Description		Accepts bin type	Pcs/pack	Ref. no.
A	Windows	push-fit viewing windows increase filling volume by up to 25%	PK1	10	ES1
			PK2	10	ES2
			PK3	10	ES3
			PK401	10	ES401
B	Dust covers	from plexiglass, drop-on fitting on storage bins to keep off dust	PK1, PK2	10	SD1
			PK3, PK401	10	SD3
C	Longitudinal dividers	adjustable in 30 mm increments, made from galvanised steel sheet	PK1	10	LT1
			PK2	10	LT2
			PK3, PK401	10	LT3
D	Handles	for convenient container handling, easy bolt-on fixing, from black PVC	PK2	10	TS2

STORAGE BINS

European size stacking containers XL
with view and pick opening

European size containers for storage, transport and order picking

- **Large volume**
- **Ergonomically designed open hand grips**
- **Supplied with 1 label card per container**
- **Label holders on all four sides**
- **Pick opening with lockable window from indestructible polycarbonate (see accessories)**

TOP SELLER
XL43174BLAU

BITO-Plus

5 YEAR WARRANTY

05 PP

Supplied in any colour for orders exceeding 200 bins!

ESD version on request

-20°C +90°C

food safe

reddot
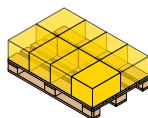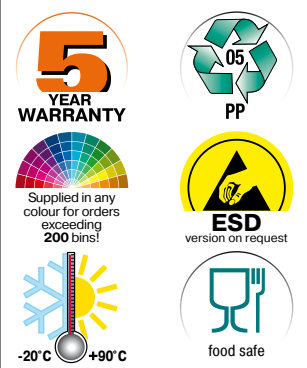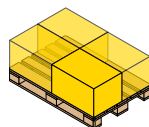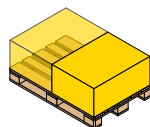
400 x 300 mm   600 x 400 mm   800 x 600 mm

With short side pick opening

Base dimensions L x W	Height	Inside dimensions L x W x H	Pick opening W x H	Volume	Load capacity	Stacking load	Ref. no.	Ref. no.
mm	mm	mm	mm	Litres	kg	kg		
400 x 300	170	368 x 268 x 167	212 x 81	16	15	200	XL43174BLAU	XL43174ROT
	220	368 x 268 x 217	212 x 106	21	20	200	XL43224BLAU	XL43224ROT
	270	368 x 268 x 267	212 x 131	26	20	200	XL43274BLAU	XL43274ROT
600 x 400	170	568 x 368 x 166	274 x 81	34	15	250	XL64174BLAU	XL64174ROT
	220	568 x 368 x 216	274 x 106	44	15	250	XL64224BLAU	XL64224ROT
	270	568 x 368 x 266	274 x 131	55	15	250	XL64274BLAU	XL64274ROT
	320	568 x 368 x 316	274 x 156	65	20	250	XL64324BLAU	XL64324ROT
	420	568 x 368 x 416	274 x 206	85	20	250	XL64424BLAU	XL64424ROT
800 x 600	220	762 x 562 x 215	459 x 103	91	60	500	XL86224BLAU	
	320	762 x 562 x 315	459 x 153	132	60	500	XL86324BLAU	
	420	762 x 562 x 415	459 x 203	174	60	500	XL86424BLAU	
	520	762 x 562 x 515	459 x 253	217	60	500	XL86524BLAU	

With long side pick opening

Base dimensions L x W	Height	Inside dimensions L x W x H	Pick opening W x H	Volume	Load capacity	Stacking load	Ref. no.
mm	mm	mm	mm	Litres	kg	kg	
800 x 600	320	762 x 562 x 315	459 x 153	132	60	800	XL86326BLAU
	420	762 x 562 x 415	459 x 203	174	60	800	XL86426BLAU
	520	762 x 562 x 515	459 x 253	217	60	800	XL86526BLAU

STORAGE BINS

Accessories

Ⓐ Windows

Ⓑ Drop-on lids

Ⓒ Drop-over lids

Ⓓ Handles

Ⓔ Pre-perforated label sheets

Ⓕ Labels

Ⓖ Transport trolleys

Ⓗ Transport trolleys

Pos.	Description		Colour	Accepts bin type	Pcs/pack	Ref. no.
Ⓐ	Windows	provides protection against dust, made from polycarbonate to allow instant product viewing - easy product retrieval, permanently attached to container to avoid risk of loss, can also be opened when containers are stacked	transparent	XL43174	10	ES43174XL
				XL43224	10	ES43224XL
				XL43274	10	ES43274XL
				XL64224	10	ES64224XL
				XL64274	10	ES64274XL
				XL64324	10	ES64324XL
				XL64424	10	ES64424XL
				XL86324/6	10	ES8632XL
				XL86424/6	10	ES8642XL
				XL86524/6	10	ES8652XL
Ⓑ	Drop-on lids	will cover container stacks, can also be used to close individual containers, suited for automated lidding and strap-sealing, location holes for lifting devices remain accessible	blue	L 400 x W 300 mm	1	AD43blau
			red	L 400 x W 300 mm	1	AD43rot
			blue	L 600 x W 400 mm	1	AD64blau
			red	L 600 x W 400 mm	1	AD64rot
Ⓒ	Drop-over lids	will cover container stacks, can also be used to close individual containers, suited for automated lidding and strap-sealing, with all round groove to ensure optimum fit	dark grey	L 800 x W 600 mm	1	GBS86-1
Ⓓ	Handles	for convenient container handling, easy bolt-on fixing, can be retro-fitted	black	400 x 300 mm	10	TS43XL
				600 x 400 mm	10	TS64XL
				800 x 600 mm	10	TS86XL
Ⓔ	Pre-perforated label sheets	pre-perforated blank label sheets, suited for laser and inkjet printers, on white DIN A4 sheets, 140 g/m², 25 sheets per pack	ready for printing	W 210 x H 74 mm	100	46-20778
Ⓕ	Label covers	angled upper edge allows easy label inserting from the top, special holding fixture prevents label covers from getting lost, suited for all XL and KLT containers except size 200 x 150 mm, from transparent PVC	water clear	W 209 x H 67 mm	10	KLT-ET1
	Labels	white plastic cards	white	W 210 x H 74 mm	50	XL21/74
Ⓖ	Transport trolleys	complete with 4 swivel castors, designed for European size stacking containers: 1 x 600 x 400 mm or 2 x 400 x 300 mm, framework from glassfibre reinforced polyamide	Castors from PP	L 620 x W 420 mm	1	TR64
			Castors from rubber	L 620 x W 420 mm	1	TR64G
Ⓗ		supplied with 2 swivel and 2 fixed castors, suited for containers sized 800 x 600 mm, made from polypropylene		L 800 x W 600 mm	1	RU86.125

European size stacking containers BN
with view and pick opening

Extremely sturdy range with European footprint

- **View and pick opening available on short side or on long side**
- **Ergonomically designed open hand grips**
- **Optionally available with window from transparent plastic**
- **Carry / safety handle from black PVC (see accessories)**
- **Label covers (see accessories)**
- **For loads of up to 50 kg**
- **Colour: blue**

TOP SELLER
BN4314BLAU

BITO-Plus

5 YEAR WARRANTY

05 PP

Supplied in any colour for orders exceeding **200 bins!**

ESD version on request

-20°C +90°C

food safe
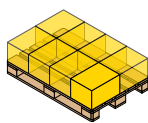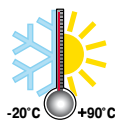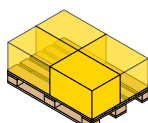
400 x 300 mm   600 x 400 mm

With short side pick opening

Base dimensions L x W	Height	Inside dimensions L x W x H	Pick opening W x H	Volume	Load capacity	Stacking load	Ref. no.
mm	mm	mm	mm	Litres	kg	kg	
400 x 300	153	360 x 260 x 150	230 x 85	14	30	150	BN4314BLAU
	215	360 x 260 x 211	230 x 117	20	40	150	BN4324BLAU
	265	360 x 260 x 261	230 x 117	24	50	150	BN43264BLAU
600 x 400	215	560 x 360 x 211	310 x 117	42	40	250	BN6424BLAU
	315	560 x 360 x 311	310 x 155	62	50	250	BN6434BLAU
	415	560 x 360 x 411	310 x 200	82	50	250	BN6444BLAU

With long side pick opening

Base dimensions L x W	Height	Inside dimensions L x W x H	Pick opening W x H	Volume	Load capacity	Stacking load	Ref. no.
mm	mm	mm	mm	Litres	kg	kg	
600 x 400	315	560 x 360 x 311	430 x 200	62	40	250	BN6436BLAU
	415	560 x 360 x 411	430 x 230	82	40	250	BN6446BLAU

Accessories

Ⓐ Windows

Ⓑ Drop-on/clip-on lids

Ⓒ Handles

Ⓓ Label covers

Ⓔ Label covers

Ⓕ Hinge clips for lids

STORAGE BINS

Pos.	Description		Colour	Accepts bin type	Pcs/pack	Ref. no.
Ⓐ	Windows	provides protection against dust, made from plexiglass to allow instant product viewing - easy product retrieval, permanently attached to container to avoid risk of loss, can also be opened when containers are stacked	transparent	BN43264	10	ES432
				BN6434	10	ES6424
				BN6436	10	ES6434
				BN6434	10	ES6436
				BN6444	10	ES6444
				BN6446	10	ES6446
Ⓑ	Drop-on/clip-on lids	reliable protection against soiling, containers remain fully stackable	blue	400 x 300 mm	1	KD430BLAU
				600 x 400 mm	1	KD640BLAU
Ⓒ	Handles	for convenient container handling, easy bolt-on fixing, can be retro-fitted	black	400 x 300 mm	10	TS43XL
				600 x 400 mm	10	TS64XL
Ⓓ	Label covers	riveted to container by manufacturer, for 95 mm and 68 mm wide labels	water clear	except BD4314, BN6407	1	ET1
				BD4314, BN6407	1	ET2
Ⓔ		can be retro-fitted, for 95 mm and 68 mm wide labels		except BD4314, BN6407	10	ET5
				BD4314, BN6407	10	ET6
Ⓕ	Hinge clips for lids	can be used with drop-on lids, drop-on/clip-on lids, hinged lids and drop-over lids, from white PVC, push-in fitting, 2 hinge clips = lid swings open, 4 hinge clips = lid is closed	white		100	DSV

SMALL PARTS STORAGE

C-item shelving
with bins

Save space and time with the new BITO Kanban solution

- **Load per level: 100 - 150 kg**
- **Bay load capacity: 1300 kg**
- **Shelf height 20 mm**
- **Compact supply of C-items**
- **Substantial gain in space with ultra flat shelves**
- **Stores 25% more C-items and provides ergonomic access for order pickers**
- **BITO shelving featuring ultra flat shelves combined with the new C-item bins CTB perfectly implement the Kanban lean manufacturing principles**
- **Single deep shelving (shelving depth 324 or 424 mm) is supplied with 10 shelves and 60 CTB bins**
- **Double deep shelving (shelving depth 624 mm) is supplied with 20 shelves and 120 CTB bins**

NEW!

Length of starter bay

1058 mm
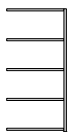
Extension bay length

1008 mm

Shelving height	Number of shelves	Description	Shelving depth	Useful depth	Load per level	Shelf length 1000 mm	
						Starter bay	Extension bay
						Ref. no.	Ref. no.
mm			mm	mm	kg		
1850	10	single sided use	324	300	100	53-35117	53-35121
1850	10		424	400	100	53-35116	53-35120
1850	10	double sided use	624	600	150	53-35114	53-35118

Accessories

(A) Ultra-flat shelves

Pos.	Description		Load capacity	For a shelf length of	For a useful depth of	Ref. no.
			kg	mm	mm	
A	Ultra-flat shelves	shelf height 20 mm, compatible with BITO standard boltless shelving of all types, supplied with 4 shelf clips	100	1000	300	53-33582
				1000	400	53-33583
			150	1000	600	53-33585

C-item bins CTB

Here they are: the new C-item bins – extremely robust, versatile and unmistakably BITO !

- ■ **Ideal for Kanban systems and C-item handling**
- ■ **Designed to fit standard shelving dimensions**
- ■ **Simply push down the window for picking smaller quantities without having to pull the bin forward**
- ■ **Optional product feeder panel to prevent items from spilling out**
- ■ **Slide-down window and optional product feeder panel allow to use full bin volume**
- ■ **The container base is conveniently radiused for easy retrieval even of very small items**
- ■ **The safety rod prevents the bin to be pulled out too far by accident**
- ■ **Label holder on the back of the bin to accommodate Kanban cards**
- ■ **With slide-down window - serving as carrying handle, area for labels as well as push and pull grip - supplied as standard**
- ■ **Colour: dove blue**

NEW!

BITO-Plus

5 YEAR WARRANTY

05 PP

Supplied in any colour for orders exceeding **200** bins!

food safe

-20°C +90°C

Top picking   Front picking   Slide-down windows

Outside dim. L x W x H	Inside dimensions L x W x H	Volume	Load capacity	Stacking load	Pcs/pack	Ref. no.
mm	mm	Litres	kg	kg		
300 x 156 x 140	250 x 127 x 129	4.1	15	100	12	CTB31514
400 x 156 x 140	350 x 127 x 129	5.7	15	100	12	CTB41514

Accessories

Ⓐ Product feeder panels CDS   Ⓑ Carry/safety handle   Ⓒ Cross dividers QT   Ⓓ Carrier foil for stick-on labels

Pos.	Description		Pcs/pack	Ref. no.
Ⓐ	Product feeder panels CDS	prevent small items from spilling out when bin the is tilted or the slide-down window is pushed down, the feeder panel can be tilted backward to let the desired quantity of items move to the bin front	10	CDS1514
Ⓑ	Carry/safety handle	spring-mounted safety and carry handle, can be retro-fitted at any time, allows bins to be tilted forward without falling out and make bin carrying more convenient, prevent bins from being pulled out of the shelving by accident, lowers automatically when bin is pushed into shelving or when weight is applied during stacking	10	TSB3
Ⓒ	Cross dividers QT	cross dividers support the Kanban principle as they allow to create 2 picking pools in the same bin	10	CQT1514
Ⓓ	Carrier foil for stick-on labels	self-adhesive carrier foil for easy removal of stick-on labels from bin and container surfaces	100	KFCSS

SMALL PARTS STORAGE

Storage and handling bins PK

Sloped bin front improves parts visibility

- ■ **Budget alternative to storage and handling bins RK**
- ■ **Supplied with labels and label covers**
- ■ **Optionally available as transparent version**
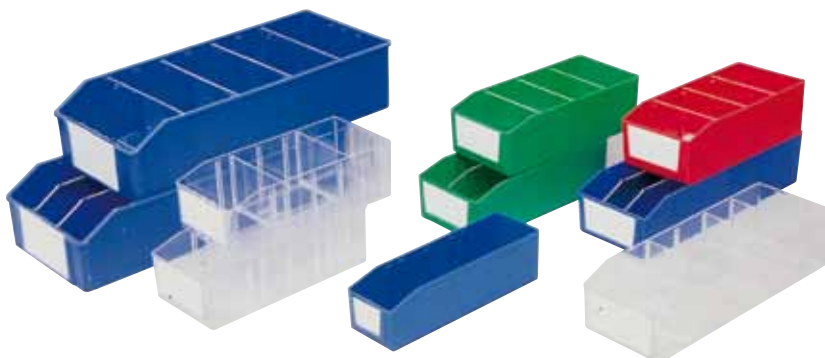
90 mm   136 mm   230 mm

(Number of bins x-mm wide fitting on a 1000 mm long shelf)

Length	Width	Height	Inside dimensions L x W x H	Volume	Container type	Pcs/ pack	Colour	Ref. no.
mm	mm	mm	mm	Litres				
295	90	80	283 x 81 x 77	1.8	PK3091	35	blue	PK3091-BLAU
	90	80	283 x 81 x 77	1.8	PK3090	35	water clear	PK3090-GLASKLAR
	136	90	283 x 125 x 87	3.1	PK3131	14	blue	PK3131-BLAU
395	136	90	381 x 125 x 87	4.2	PK4131	14	blue	PK4131-BLAU
295	136	90	283 x 125 x 87	3.1	PK3131	14	red	PK3131-ROT
	136	90	283 x 125 x 87	3.1	PK3131	14	green	PK3131-GRÜN
	136	90	283 x 125 x 87	3.1	PK3130	14	water clear	PK3130-GLASKLAR
395	136	90	381 x 125 x 87	4.2	PK4130	14	water clear	PK4130-GLASKLAR
500	230	115	486 x 210 x 111	9.2	PK351	14	blue	PK351-BLAU

Accessories
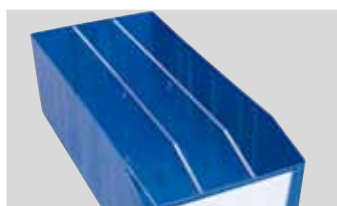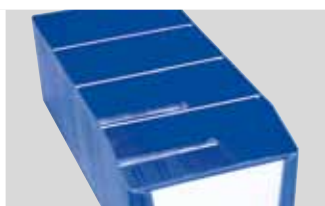
Ⓐ Longitudinal dividers   Ⓑ Cross dividers

Pos.	Description		Colour	Accepts bin type	Pcs/ pack	Ref. no.
Ⓐ	Longitudinal dividers	subdivide bins front-to-back into two or three compartments	water clear	PK3130, PK3131	10	LT31302
			galvanised	PK351	10	LT3502
				PK4130, PK4131	10	LT41302
Ⓑ	Cross dividers	dovetail grooves safely hold dividers in place	transparent	PK3090, PK3091	10	QT090
				PK3130, PK3131, PK4130, PK4131	10	QT130
				PK351	10	QT3501

BITO

Bin shelving
with handling bins PK

- **Load per level: 50 kg**
- **Bay load capacity: 500 kg**
- **Frames, beams and shelves are galvanised**
- **Bin colour: blue**

→
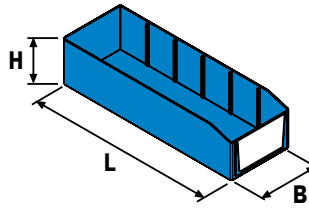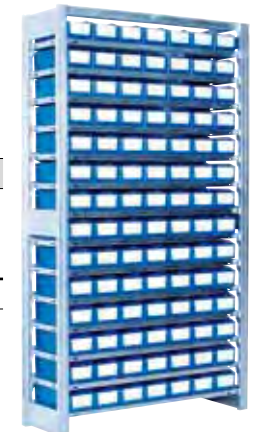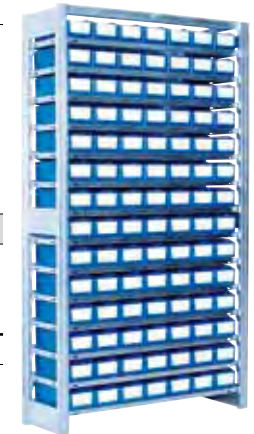
Storage and handling bins PK to suit on page 28

Storage and handling bins PK

With 44 storage and handling bins

Number of shelves	Equipment	Dimensions H x L x D mm	Starter bay Ref. no.	Extension bay Ref. no.
11	44 x PK351 (500 x 230 x 115 mm)	1850 x 1000 x 524	SKR351G	SKR351A

With 98 storage and handling bins

Number of shelves	Equipment	Dimensions H x L x D mm	Starter bay Ref. no.	Extension bay Ref. no.
14	98 x PK4131 (395 x 136 x 90 mm)	1850 x 1000 x 424	SKR4131G	SKR4131A

With 140 storage and handling bins

Number of shelves	Equipment	Dimensions H x L x D mm	Starter bay Ref. no.	Extension bay Ref. no.
14	140 x PK3091 (295 x 90 x 80 mm)	1850 x 1000 x 324	SKR3091G	SKR3091A

With 98 storage and handling bins

Number of shelves	Equipment	Dimensions H x L x D mm	Starter bay Ref. no.	Extension bay Ref. no.
14	98 x PK3131 (295 x 136 x 90 mm)	1850 x 1000 x 324	SKR3131BG	SKR3131BA

SMALL PARTS STORAGE

Storage and handling bins RK

Keep everything in the right place!

Designed to fit perfectly into BITO shelving, the storage and handling bin series RK is ideal for storing small items. The large storage volume, high rigidity and numerous accessories are further benefits. Moulded hand grips and a carry/safety handle at the rear ensure convenient handling.

SMALL PARTS STORAGE

Product features

Handling
Handle and integral grip allow excellent manual handling.
90° corners, snag-free internal sides and a flat base allow excellent volume utilisation.

Carry/safety handle
Retro-fitting the lifting/safety bar turns the bin into a drawer and prevents it from being pulled out by accident.

Stacking safety
Stacking safety is excellent due to the slightly prominent base edging and stacking rim on all sides and does not reduce with use of the lid and lifting/safety bar. Very high load capacity and stacking load.

Storage and handling bins RK

Store your small items in a minimum of space and away from dust and dirt

- **Perfectly fitting into BITO shelving systems**
- **Comfortable and safe handling assists operational efficiency**
- **Large inside volume**
- **Excellent rigidity - safe stacking**
- **Broad range of accessories**
- **Supplied with 1 label card per container**
- **Colour: dove blue**

TOP SELLER
RK3109

SMALL PARTS STORAGE

BITO-Plus

5 YEAR WARRANTY

ESD version on request

05 PP

food safe
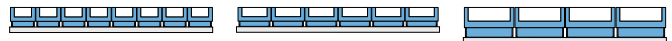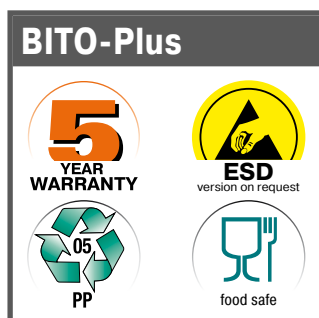
117 mm   156 mm   234 mm

(Number of bins x-mm wide fitting on a 1000 mm long shelf)

Length	Width	Height	Volume	Load capacity	Stacking load	Inside dimensions L x W x H	Container type	Pcs/pack	Ref. no.
mm	mm	mm	Litres	kg	kg	mm			
400	117	80	2.5	3	9	360 x 95 x 70	Typ 108	16	RK4108
	234	80	5.3	6	20	356 x 214 x 70	Typ 208	8	RK4208
300	117	90	2.0	2	6	260 x 94 x 80	Typ 109	16	RK3109
400	117	90	2.7	3	9	360 x 94 x 80	Typ 109	16	RK4109
500	117	90	3.5	4	12	460 x 94 x 80	Typ 109	16	RK5109
600	117	90	4.0	5	15	560 x 94 x 80	Typ 109	16	RK6109
300	156	90	2.7	3	7	258 x 136 x 80	Typ 1509	12	RK31509
400	156	90	3.8	4	8	358 x 136 x 80	Typ 1509	12	RK41509
500	156	90	4.9	5	15	456 x 133 x 80	Typ 1509	12	RK51509
600	156	90	6.0	6	18	556 x 133 x 80	Typ 1509	12	RK61509
300	234	90	4.4	5	15	256 x 211 x 80	Typ 209	8	RK3209
400	234	90	6.0	6	20	356 x 211 x 80	Typ 209	8	RK4209
500	234	90	7.8	8	25	456 x 211 x 80	Typ 209	8	RK5209
600	234	90	9.4	10	30	556 x 211 x 80	Typ 209	8	RK6209
300	234	140	7.1	7	20	253 x 210 x 129	Typ 214	6	RK3214
400	234	140	9.9	10	30	353 x 210 x 129	Typ 214	6	RK4214
500	234	140	12.0	13	40	453 x 210 x 129	Typ 214	6	RK5214
600	234	140	15.0	15	45	553 x 210 x 129	Typ 214	6	RK6214

Storage and handling bins RK

Accessories

Ⓐ Cross dividers

Ⓑ Longitudinal dividers

Ⓒ Carry/safety handle

Ⓓ Pre-perforated label sheets

Ⓔ Label covers

Ⓕ Dust covers

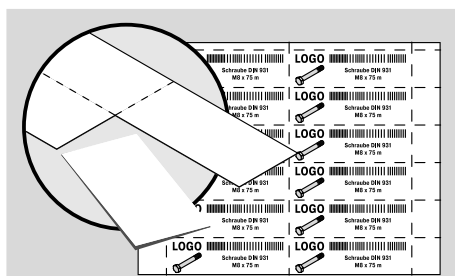| Pos.	Description		Accepts bin type	Pcs/pack	Ref. no.
A	Cross dividers	from transparent material, label area adapted to size of computer printable labels, adjustable on a 44 mm pitch, dividers safely slot into dovetail grooves, radiused base for ease of component retrieval, even of very small items, supplied with label cards	Typ 108	10	QT108
			Typ 109	10	QT109
			Typ 208	10	QT208
			Typ 209	10	QT209
			Typ 214	10	QT214
			Typ 1509	10	QT1509
B	Longitudinal dividers	solid longitudinal sheet divider, with grey beige coating, subdivide bins front--to-back into two or three compartments	RK3209	10	LT3209
			RK3214	10	LT3214
			RK4208	10	LT4208
			RK4209	10	LT4209
			RK4214	10	LT4214
			RK5209	10	LT5209
			RK5214	10	LT5214
			RK6209	10	LT6209
			RK6214	10	LT6214
			RK51509	10	LT51509
			RK61509	10	LT61509
C	Carry/safety handle	spring-mounted safety and carry handle, can be retro-fitted at any time, allows bins to be tilted forward without falling out and make bin carrying more convenient, prevent bins from being pulled out of the shelving by accident, lowers automatically when bin is pushed into shelving or when weight is applied during stacking	Typ 109	10	TSB1
			Typ 209, 214	10	TSB2
			Typ 1509	10	TSB3
D	Pre-perforated label sheets	pre-perforated blank label sheets, suited for laser and inkjet printers, on white DIN A4 sheets, 140 g/m², 25 sheets per pack	QT108, QT109	675	46-20766
			QT208, QT209, QT214	400	46-20775
			Typ 108	450	46-20767
			Typ 109	375	46-20768
			Typ 208	225	46-20770
			Typ 209	175	46-20771
			Typ 214	100	46-20772
			Typ 1509	250	46-20769
E	Label covers	made from transparent material, protect large-size labels from soiling and damage	Typ 108	50	SF108
			Typ 109	50	SF109
			Typ 208	50	SF208
			Typ 209	50	SF209
			Typ 214	50	SF214
			Typ 1509	50	SF1509
F	Dust covers	from plexiglass, with hand hole	RK3109	10	SD31
			RK3209, RK3214	10	SD32
			RK4109	10	SD41
			RK4208, RK4209, RK4214	10	SD42
			RK5109	10	SD51
			RK5209, RK5214	10	SD52
			RK6109	10	SD61
			RK6209, RK6214	10	SD62
			RK31509	10	SD315
			RK41509	10	SD415
			RK51509	10	SD515
			RK61509	10	SD615

SMALL PARTS STORAGE

SMALL PARTS STORAGE

Bin shelving
with storage and handling bins RK

- ■ **Load per level: 50 kg**
- ■ **Bay load capacity: 500 kg**
- ■ **Frames, beams and shelves are galvanised**
- ■ **Shelves with integral retaining lip**
- ■ **1 stiffening beam**
- ■ **Cross bracing**
- ■ **Supplied with storage and handling bins**
- ■ **Bin colour: dove blue**
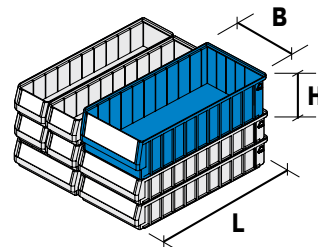
Storage and handling bins RK

With 64 storage and handling bins (3 sizes)

Number of shelves	Equipment	Dimensions H x L x D mm	Starter bay Ref. no.	Extension bay Ref. no.
12	32 x RK3109 (300 x 117 x 90 mm) 16 x RK3209 (300 x 234 x 90 mm) 16 x RK3214 (300 x 234 x 140 mm)	1850 x 1000 x 324	SKR1G	SKR1A
	32 x RK4109 (400 x 117 x 90 mm) 16 x RK4209 (400 x 234 x 90 mm) 16 x RK4214 (400 x 234 x 140 mm)	1850 x 1000 x 424	SKR2G	SKR2A
	32 x RK5109 (500 x 117 x 90 mm) 16 x RK5209 (500 x 234 x 90 mm) 16 x RK5214 (500 x 234 x 140 mm)	1850 x 1000 x 524	SKR3G	SKR3A

With 40 storage and handling bins

Number of shelves	Equipment	Dimensions H x L x D mm	Starter bay Ref. no.	Extension bay Ref. no.
10	40 x RK3214 (300 x 234 x 140 mm)	1850 x 1000 x 324	SKR3214G	SKR3214A
	40 x RK4214 (400 x 234 x 140 mm)	1850 x 1000 x 424	SKR4214G	SKR4214A
	40 x RK5214 (500 x 234 x 140 mm)	1850 x 1000 x 524	SKR5214G	SKR5214A
	40 x RK6214 (600 x 234 x 140 mm)	1850 x 1000 x 624	SKR6214G	SKR6214A

With 56 storage and handling bins

Number of shelves	Equipment	Dimensions H x L x D mm	Extension bay Ref. no.	Starter bay Ref. no.
14	56 x RK3209 (300 x 234 x 90 mm)	1850 x 1000 x 324	SKR3209A	SKR3209G
	56 x RK4209 (400 x 234 x 90 mm)	1850 x 1000 x 424	SKR4209A	SKR4209G
	56 x RK5209 (500 x 234 x 90 mm)	1850 x 1000 x 524	SKR5209A	SKR5209G
	56 x RK6209 (600 x 234 x 90 mm)	1850 x 1000 x 624	SKR6209A	SKR6209G

With 112 storage and handling bins

Number of shelves	Equipment	Dimensions H x L x D mm	Extension bay Ref. no.	Starter bay Ref. no.
14	112 x RK3109 (300 x 117 x 90 mm)	1850 x 1000 x 324	SKR3109A	SKR3109G
	112 x RK4109 (400 x 117 x 90 mm)	1850 x 1000 x 424	SKR4109A	SKR4109G
	112 x RK5109 (500 x 117 x 90 mm)	1850 x 1000 x 524	SKR5109A	SKR5109G
	112 x RK6109 (600 x 117 x 90 mm)	1850 x 1000 x 624	SKR6109A	SKR6109G

SMALL PARTS STORAGE

Tilt-open container modules

- ■ **Scratch-resistant and extremely hard wearing**
- ■ **Bins can be tilted forward from housing and can also be removed for easy filling**
- ■ **Modules can be stacked or fixed to a wall**
- ■ **Solid design for a long service life**
- ■ **Supplied with label cards**

Tilt-open container modules

Klaka Set 9   Klaka Set 6   Klaka Set 5

Klaka Set 4   Klaka Set 3   Klaka Set 2

Outside dimensions W x H x D mm	Equipment	Number of bins	Ref. no.	Ref. no.
600 x 77 x 62	Klaka Set 9	9	14882	22607
600 x 113 x 91	Klaka Set 6	6	14880	22608
600 x 164 x 133	Klaka Set 5	5	14878	22609
600 x 207 x 168	Klaka Set 4	4	14876	22610
600 x 240 x 197	Klaka Set 3	3	14874	22611
600 x 353 x 299	Klaka Set 2	2	14872	22612

Individual containers for tilt-open container modules

Outside dimensions W x H x D mm	Number of bins	Equipment	Colour	Ref. no.
60 x 66 x 56	20	for Klaka Set 9	water clear	14883
93 x 100 x 84	20	for Klaka Set 6	water clear	14881
113 x 152 x 129	18	for Klaka Set 5	water clear	14879
142 x 190 x 165	8	for Klaka Set 4	water clear	14877
192 x 220 x 190	3	for Klaka Set 3	water clear	14875
288 x 338 x 285	2	for Klaka Set 2	water clear	14873

Tilt-open container modules

14856   14855   14858   14859

For standard applications, we offer four modules complete with various size tilt-open containers. The modules are supplied fully assembled and carton-packed (mounted on a wood laminate board with white coating).

Outside dimensions W x H x D mm	Equipment	Colour	Ref. no.
602 x 410 x 108	3 x Klaka Set 6	beige	14856
	2 x Klaka Set 9 2 x Klaka Set 6	beige	14855
605 x 671 x 171	2 x Klaka Set 9 1 x Klaka Set 6 1 x Klaka Set 5 1 x Klaka Set 4	beige	14858
605 x 955 x 171	2 x Klaka Set 9 2 x Klaka Set 6 2 x Klaka Set 5 1 x Klaka Set 4	beige	14859

Stand alone tilt-open container cabinets

- ■ **Housing in silver grey or in blue**
- ■ **Designed to accommodate 4 bin sizes to maximise use of space**

Wall mounted tilt-open container cabinets

Outside dimensions W x H x D mm	Number of bins	Equipment	Ref. no. (grey)	Ref. no. (blue)
665 x 910 x 250	16	4 x Klaka Set 4	14868	14869
	33	3 x Klaka Set 6 3 x Klaka Set 5	14864	14865
	42	7 x Klaka Set 6	14866	14867
	69	5 x Klaka Set 9 4 x Klaka Set 6	14870	14871

Stand alone tilt-open container cabinets

Outside dimensions W x H x D mm	Number of bins	Equipment	Ref. no. (grey)	Ref. no. (blue)
665 x 2000 x 250	61	4 x Klaka Set 6 5 x Klaka Set 5 3 x Klaka Set 4	14862	14863
1270 x 2000 x 250	154	16 x Klaka Set 6 10 x Klaka Set 5 2 x Klaka Set 4	14860	14861

European size stacking containers XL

Our most versatile container sets standards!

Supplied in a large choice of variations, European size stacking containers XL convince through top versatility and extra large volume.

Ergonomically designed open hand grips are ideal for manual handling. In addition, a wide range of useful accessories make this market favourite fit for almost any application.
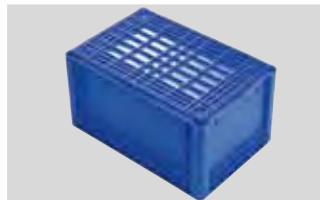
reddot

EUROPEAN SIZE STACKING CONTAINERS

Base options

Standard base
The standard base will be your choice for loads of up to 30 kg.

Ribbed base
Ribbed base containers are perfect for loads of up to 50 kg. Base deflection is very low.

Ribbed base RX
Containers with a ribbed RX base carry up to 50 kg. Base deflection is very low. Diagonal outer base ribbing ensures excellent use on conveyors.

Double base
Double base containers take loads of up to 50 kg and only have a minimum base deflection.

Lid options

Snap locked lid
Suited for stacking containers XLD21121, ideal for shipping spare parts etc. Additional security tagging with KLTP tags possible.

Drop-on lid AD
Closes an individual container or a container stack and is suited for auto-mated lidding and strap-sealing.

Drop-on lid ASDV
One-piece lid, hinged on one side and closed with 2 snap-on fixtures on the other side.

Hinged lids
Fitted with hinged lids that are suited for strap-sealing and security-tagging with KLTP security tags, the container is excellent for distribution and trans-portation applications.

Options

Softtouch grips
Maximum convenience for manual handling. Available for container references **XL34171**, **XL43221** and **XL43271**. Minimum order quantity 100 pcs per reference. Please ask for a quote.
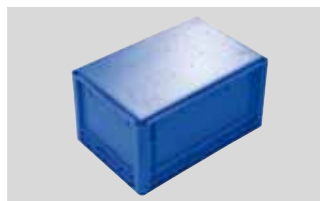
Water drainage holes
Supplied with drainage holes (compliant with fire protection directive VdS BG 4.3) upon request.

Company logos
Company logos and messages can be applied by injection moulding, screen printing, pad printing or hot foil stam-ping – please ask!

ESD version
Bins and containers marked with the ESD symbol are made from dissipative material to protect electronic parts and components from damage caused by sudden electrostatic discharge. Please ask.

European size stacking containers XL

Our all-rounder for a broad range of applications

- ■ **Large volume**
- ■ **Ergonomically designed open hand grips (except for 120 mm height option)**
- ■ **Various lid options**
- ■ **Open hand grips are optionally available with Softtouch covering**

BITO-Plus

5 YEAR WARRANTY

05 PP

Supplied in any colour for orders exceeding **200** bins!

ESD version on request

-20°C +90°C

food safe

reddot

200 x 150 mm   300 x 200 mm   400 x 300 mm   600 x 400 mm   800 x 600 mm

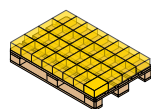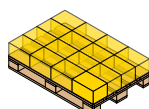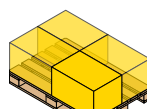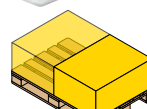ℹ️ 400 x 300 mm containers are also suited for automated small parts storage (BITO type AKL). Base deflection does not exceed 5 mm. Please note that if used in ASRS systems, load capacity is limited to 25 kg. All load capacities comply with EN 13117 specifications.

➔ Accessories to suit on page 46

Base dimensions L x W	Height	Inside dimensions L x W x H	Volume	Load capacity	Stacking load	Ref. no.	Ref. no.	Ref. no.
mm	mm	mm	Litres	kg	kg			
200 x 150	120	168 x 118 x 117	2	10		XL21121BLAU	XL21121ROT	XL21121GRAU
300 x 200	120	268 x 168 x 117	5	15		XL32121BLAU	XL32121ROT	XL32121GRAU
	170	268 x 168 x 167	6	15		XL32171BLAU	XL32171ROT	
	220	268 x 168 x 217	8	15		XL32221BLAU	XL32221ROT	
400 x 300	120	368 x 268 x 117	11	30	250	XL43121BLAU	XL43121ROT	XL43121GRAU
	170	368 x 268 x 167	16	30	250	XL43171BLAU	XL43171ROT	
	220	368 x 268 x 217	21	30	250	XL43221BLAU	XL43221ROT	
	270	368 x 268 x 267	26	30	250	XL43271BLAU	XL43271ROT	
600 x 400	120	568 x 368 x 116	24	15	300	XL64121BLAU		
	170	568 x 368 x 166	34	15	300	XL64171BLAU	XL64171ROT	
	220	568 x 368 x 216	44	15	300	XL64221BLAU	XL64221ROT	
	270	568 x 368 x 266	55	15	300	XL64271BLAU	XL64271ROT	
	320	568 x 368 x 316	65	20	300	XL64321BLAU	XL64321ROT	
	420	568 x 368 x 416	85	20	300	XL64421BLAU	XL64421ROT	
800 x 600	120	762 x 562 x 115	49	60	800	XL86121BLAU		
	220	762 x 562 x 215	91	60	800	XL86221BLAU		
	320	762 x 562 x 315	132	60	800	XL86321BLAU		
	420	762 x 562 x 415	174	60	800	XL86421BLAU		
	520	762 x 562 x 515	217	60	800	XL86521BLAU		

BITO

With hinged two-part lid

Base dimensions L x W	Height	Inside dimensions L x W x H	Volume	Load capacity	Stacking load	Ref. no.	Ref. no.
mm	mm	mm	Litres	kg	kg		
300 x 200	138	268 x 168 x 117	5	15		XLD32121BLAU	XLD32121ROT
	188	268 x 168 x 167	6	15		XLD32171BLAU	XLD32171ROT
	238	268 x 168 x 217	8.3	15		XLD32221BLAU	XLD32221ROT
400 x 300	138	368 x 268 x 117	11	30	250	XLD43121BLAU	XLD43121ROT
	188	368 x 268 x 167	16	30	250	XLD43171BLAU	XLD43171ROT
	238	368 x 268 x 217	21	30	250	XLD43221BLAU	XLD43221ROT
	288	368 x 268 x 267	26	30	250	XLD43271BLAU	XLD43271ROT
600 x 400	138	568 x 368 x 116	24	15	300	XLD64121BLAU	
	188	568 x 368 x 166	34	15	300	XLD64171BLAU	XLD64171ROT
	238	568 x 368 x 216	44	15	300	XLD64221BLAU	XLD64221ROT
	288	568 x 368 x 266	55	15	300	XLD64271BLAU	XLD64271ROT
	338	568 x 368 x 316	65	20	300	XLD64321BLAU	XLD64321ROT
	438	568 x 368 x 416	85	20	300	XLD64421BLAU	XLD64421ROT
800 x 600	138	762 x 562 x 115	44	60	800	XLD86121BLAU	
	238	762 x 562 x 215	86	60	800	XLD86221BLAU	
	338	762 x 562 x 315	128	60	800	XLD86321BLAU	
	438	762 x 562 x 415	170	60	800	XLD86421BLAU	
	538	762 x 562 x 515	212	60	800	XLD86521BLAU	

With hinged lid and metal snap lock

Base dimensions L x W	Height	Inside dimensions L x W x H	Volume	Load capacity	Stacking load	Ref. no.	Ref. no.
mm	mm	mm	Litres	kg	kg		
200 x 150	138	168 x 118 x 117	2	10		XLD21121BLAU	
300 x 200	170	268 x 168 x 167	6	15		XL32171ASDVBLAU	XL32171ASDVROT
	220	268 x 168 x 217	8.3	15		XL32221ASDVBLAU	XL32221ASDVROT
400 x 300	138	368 x 268 x 117	11	30	250	XL43121ASDVBLAU	XL43121ASDVROT
	188	368 x 268 x 167	16	30	250	XL43171ASDVBLAU	XL43171ASDVROT
	238	368 x 268 x 217	21	30	250	XL43221ASDVBLAU	XL43221ASDVROT
	288	368 x 268 x 267	26	30	250	XL43271ASDVBLAU	XL43271ASDVROT
600 x 400	138	568 x 368 x 116	24	15	300	XL64121ASDVBLAU	
	188	568 x 368 x 166	34	15	300	XL64171ASDVBLAU	XL64171ASDVROT
	238	568 x 368 x 216	44	15	300	XL64221ASDVBLAU	XL64221ASDVROT
	288	568 x 368 x 266	55	15	300	XL64271ASDVBLAU	XL64271ASDVROT
	338	568 x 368 x 316	65	20	300	XL64321ASDVBLAU	XL64321ASDVROT
	438	568 x 368 x 416	85	20	300	XL64421ASDVBLAU	XL64421ASDVROT

European size stacking containers XL with perforated base and sides

Light-weight and robust - with perforated sides to ensure good air flow

- ■ **Perforated base and sides**
- ■ **Large volume**
- ■ **Ergonomically designed open hand grips (except for 120 mm height option)**
- ■ **Ribbed base prevents that goods are in direct contact to floor**
- ■ **Colour: blue**

reddot

BITO-Plus

5 YEAR WARRANTY

05 PP

Supplied in any colour for orders exceeding **200** bins!

ESD version on request

-20°C +90°C

food safe
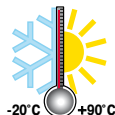
→ Accessories to suit on page 46
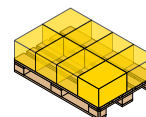
400 x 300 mm   600 x 400 mm
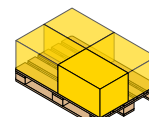
ℹ️ 120 mm high containers are supplied with solid sides

EUROPEAN SIZE STACKING CONTAINERS

Base dimensions L x W	Height	Description	Inside dimensions L x W x H	Volume	Load capacity	Stacking load	Ref. no.
mm	mm		mm	Litres	kg	kg	
400 x 300	120	with solid sides	368 x 268 x 102	10	35	250	XL43123BLAU
	170	with perforated sides	368 x 268 x 152	15	35	250	XL43173BLAU
	220	with perforated sides	368 x 268 x 202	19	35	250	XL43223BLAU
	270	with perforated sides	368 x 268 x 252	24	35	250	XL43273BLAU
600 x 400	120	with solid sides	568 x 368 x 102	21	35	300	XL64123BLAU
	170	with perforated sides	568 x 368 x 152	31	35	300	XL64173BLAU
	220	with perforated sides	568 x 368 x 202	41	35	300	XL64223BLAU
	270	with perforated sides	568 x 368 x 252	52	35	300	XL64273BLAU
	320	with perforated sides	568 x 368 x 302	62	35	300	XL64323BLAU
	420	with perforated sides	568 x 368 x 402	82	35	300	XL64423BLAU

With hinged two-part lid

Base dimensions L x W	Height	Description	Inside dimensions L x W x H	Volume	Load capacity	Stacking load	Ref. no.
mm	mm		mm	Litres	kg	kg	
400 x 300	188	with perforated sides	368 x 268 x 152	15	35	250	XLD43173BLAU
	238	with perforated sides	368 x 268 x 202	19	35	250	XLD43223BLAU
	288	with perforated sides	368 x 268 x 252	24	35	250	XLD43273BLAU
600 x 400	188	with perforated sides	568 x 368 x 152	31	35	300	XLD64173BLAU
	238	with perforated sides	568 x 368 x 202	41	35	300	XLD64223BLAU
	288	with perforated sides	568 x 368 x 252	52	35	300	XLD64273BLAU
	338	with perforated sides	568 x 368 x 302	62	35	300	XLD64323BLAU
	438	with perforated sides	568 x 368 x 402	82	35	300	XLD64423BLAU

European size stacking containers XL with ribbed base RX

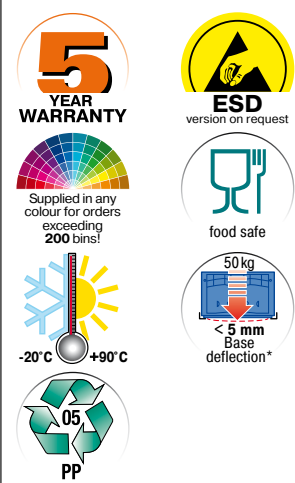Reinforced corners and base ribbing provide strength and high stability – ideal for automated bin storage

- **Outer base ribbing for quiet travel on conveyors**
- **Maximum base deflection 5 mm with load capacities of up to 50 kg, applies for uniformly distributed loads, an ambient temperature of 23°C and long side on handling***
- **Large volume**
- **Ergonomically designed open hand grips (except for 120 mm height option)**
- **Open hand grips are optionally available with Softtouch covering**
- **Ideal for use in automated bin storage**
- **Optionally available with drainage holes in the base**
- **Colour: blue**

BITO-Plus

5 YEAR WARRANTY

ESD version on request

Supplied in any colour for orders exceeding **200** bins!

food safe

-20°C +90°C

50 kg < 5 mm Base deflection*

05 PP
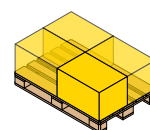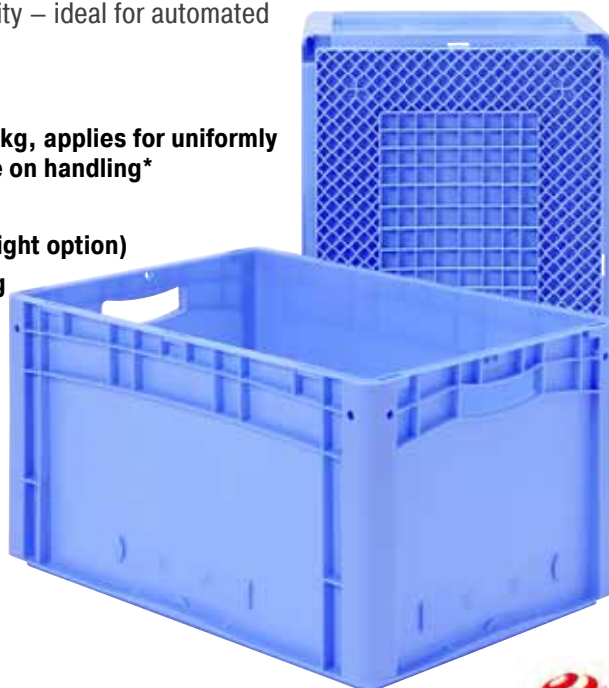
ℹ️ *All values refer to an ambient temperature of 23 °C, long side-on container handling and uniformly distributed loads.
Also suited for automated small parts storage.
Outer diagonal base ribbing ensures quiet travel on conveyors.

→ Accessories to suit on page 46

reddot

600 x 400 mm

Base dimensions L x W	Height	Inside dimensions L x W x H	Volume	Load capacity	Stacking load	Ref. no.
mm	mm	mm	Litres	kg	kg	
600 x 400	120	568 x 368 x 102	21	50	300	XL64121RX
	170	568 x 368 x 152	31	50	300	XL64171RX
	220	568 x 368 x 202	41	50	300	XL64221RX
	270	568 x 368 x 252	52	50	300	XL64271RX
	320	568 x 368 x 302	62	50	300	XL64321RX
	420	568 x 368 x 402	82	50	300	XL64421RX

With hinged two-part lid

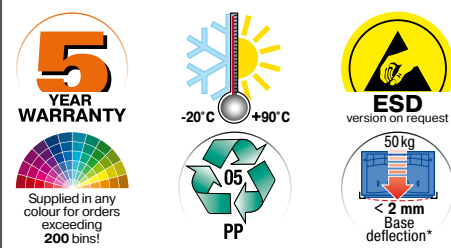| Base dimensions L x W	Height	Inside dimensions L x W x H	Volume	Load capacity	Stacking load	Ref. no.
mm	mm	mm	Litres	kg	kg	
600 x 400	138	568 x 368 x 102	21	50	300	XLD64121RX
	188	568 x 368 x 152	31	50	300	XLD64171RX
	238	568 x 368 x 202	41	50	300	XLD64221RX
	288	568 x 368 x 252	52	50	300	XLD64271RX
	338	568 x 368 x 302	62	50	300	XLD64321RX
	438	568 x 368 x 402	82	50	300	XLD64421RX

EUROPEAN SIZE STACKING CONTAINERS

European size stacking containers XL with double base

Ideal for handling heavy weight loads such as in automated storage

- **Extremely silent operation on all types of conveyors**
- **Flat outer base avoids accumulation of dirt**
- **Maximum base deflection 2 mm with load capacities of up to 50 kg, applies for uniformly distributed loads, an ambient temperature of 23°C and long side on handling***
- **Large volume**
- **Ergonomically designed open hand grips (except for 120 mm height option)**
- **Open hand grips are optionally available with Softtouch covering**
- **All containers can be subdivided to suit individual requirements**
- **Ideal for use in automated bin storage**
- **Optionally available with drainage holes in the base**
- **Colour: blue**

BITO-Plus

5 YEAR WARRANTY

Supplied in any colour for orders exceeding **200 bins!**

-20°C +90°C

05 PP

ESD version on request

50 kg
< 2 mm Base deflection*

*All values refer to an ambient temperature of 23 °C, long side-on container handling and uniformly distributed loads.
Also suited for automated small parts storage.
Great on all conveyor types.
Optionally available with drainage holes.
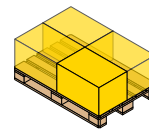
600 x 400 mm   800 x 600 mm
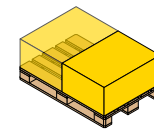
Base dimensions L x W	Height	Inside dimensions L x W x H	Volume	Load capacity	Stacking load	Ref. no.
mm	mm	mm	Litres	kg	kg	
600 x 400	120	568 x 368 x 102	21	50	300	XL64121DBLAU
	170	568 x 368 x 152	31	50	300	XL64171DBLAU
	220	568 x 368 x 202	41	50	300	XL64221DBLAU
	270	568 x 368 x 252	52	50	300	XL64271DBLAU
	320	568 x 368 x 302	62	50	300	XL64321DBLAU
	420	568 x 368 x 402	82	50	300	XL64421DBLAU
800 x 600	120	762 x 562 x 101	43	200	800	XL86121DBLAU
	220	762 x 562 x 201	85	200	800	XL86221DBLAU
	320	762 x 562 x 301	127	200	800	XL86321DBLAU
	420	762 x 562 x 401	169	200	800	XL86421DBLAU
	520	762 x 562 x 501	211	200	800	XL86521DBLAU

With hinged two-part lid

Base dimensions L x W	Height	Inside dimensions L x W x H	Volume	Load capacity	Stacking load	Ref. no.
mm	mm	mm	Litres	kg	kg	
600 x 400	138	568 x 368 x 102	21	50	300	XLD64121DBLAU
	188	568 x 368 x 152	31	50	300	XLD64171DBLAU
	238	568 x 368 x 202	41	50	300	XLD64221DBLAU
	288	568 x 368 x 252	52	50	300	XLD64271DBLAU
	338	568 x 368 x 302	62	50	300	XLD64321DBLAU
	438	568 x 368 x 402	82	50	300	XLD64421DBLAU
800 x 600	138	762 x 562 x 101	38	200	800	XLD86121DBLAU
	238	762 x 562 x 201	80	200	800	XLD86221DBLAU
	338	762 x 562 x 301	122	200	800	XLD86321DBLAU
	438	762 x 562 x 401	165	200	800	XLD86421DBLAU
	538	762 x 562 x 501	206	200	800	XLD86521DBLAU

EUROPEAN SIZE STACKING CONTAINERS

EUROPEAN SIZE STACKING CONTAINERS

Insert dividers UK

- ■ **Allow to subdivide containers as required**
- ■ **Can be removed at any time**
- ■ **Every twin-wall divider sheet (10 mm thick) is supplied with 2 side caps**
- ■ **Insert dividers can be screw-fixed or riveted**
- ■ **Height options: 80, 130, 180, 230 mm, other heights upon request**
- ■ **Prices and delivery periods upon request**

ℹ

Easy to assemble in three steps:

Step 1
The side caps have small nubs on the outside that perfectly fit into the drill holes in the container side. Containers can be supplied with drill holes, however it is also possible to drill holes later on.
Step 2
First plug in one side of the divider into the container drill holes.
Step 3
Then fix the other side of the divider to the container.
Spreading elements inside the divider caps ensure a firm fit and prevent loss.

A: Side caps
B: Twin-wall divider, 10 mm thic

Push-in flexi dividers
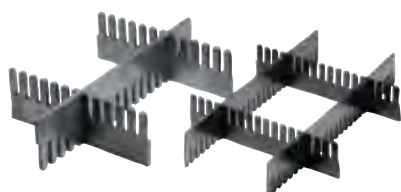
For small parts containers KLT, for European size stacking containers XL, for European size stacking containers BN

Length	Width	Height	Pcs/ pack	Ref. no.
mm	*mm*	*mm*		
950	11	55	10	SSU55/11
		120	10	SSU120/11
1150	5	50	10	SSU50/5
		80	10	SSU80/5
		180	10	SSU180/5

Insertable bins
type EK

Make maximum use of your space and stock several references in the same bin!

- **For easy subdivision and full use of space**
- **Optimised grip solution for easy positioning and removal**
- **No further subdivision, stackable**

BITO-Plus

PP-RE 05 | ESD version on request | BITO
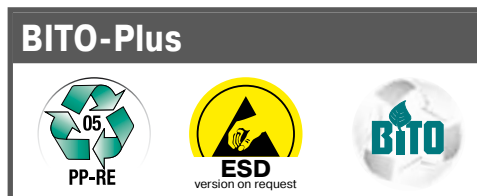
Type EK

To suit containers sized L x W *mm*	Format	Outside dim. L x W x H *mm*	Volume *Litres*	Colour	Pcs/pack	Ref. no.
400 x 300	1/4	178 x 129 x 90	1.7	black	32	EK17129XL
	1/2 crosswise	258 x 178 x 90	3.5	black	16	EK25179XL
600 x 400	1/8	178 x 139 x 90	1.8	black	32	EK17139XL
	1/4	277 x 178 x 90	3.7	black	16	EK27179XL
	1/2 crosswise	358 x 277 x 90	7.6	black	8	EK35279XL
	1/2 lengthwise	557 x 178 x 90	7.6	black	8	EK55179XL

1/2 crosswise EK25179XL; 1/4 EK17129XL; 1/4 EK17129XL

1/8 EK17139XL; 1/8 EK17139XL; 1/2 crosswise EK35279XL; 1/4 EK27179XL; 1/2 lengthwise EK55179XL

Accessories

A Cross dividers
B Longitudinal dividers
C Dust covers

Pos.	Description		Accepts bin type	Pcs/pack	Ref. no.
A	Cross dividers	allow further subdivision of insertable bins	EK17129*, EK17139*, EK25179*, EK26179*, EK27179*, EK53179*, EK55179*	10	QT179
			EK35279*	10	QT279
B	Longitudinal dividers		EK25169*, EK25179*	10	LT2519
			EK27179*	10	LT2719
			EK35269*, EK35279*	10	LT3529
			EK55179*	10	LT5519
C	Dust covers	reliable protection against soiling, containers remain fully stackable	EK17129*	10	SD1712
			EK17139*	10	SD1713
			EK25179*	10	SD2517
			EK27179*	10	SD2717
			EK35279*	10	SD3527
			EK55179*	10	SD5517

EUROPEAN SIZE STACKING CONTAINERS

EUROPEAN SIZE STACKING CONTAINERS

Insertable bins
type EEK

Make maximum use of your space and stock several references in the same bin!

■ **For easy subdivision and full use of space**
■ **With inward pointing integral ledges for convenient handling**

BITO-Plus

05 PP-RE

ESD version on request

BITO

Type EEK, for European size stacking containers XL

To suit containers sized L x W	Format	Outside dim. L x W x H	Volume	Colour	Pcs/ pack	Ref. no.
mm		*mm*	*Litres*			
600 x 400	1/2 lengthwise	558 x 179 x 84	7.4	black	8	EEK55178XL
	1/4	279 x 179 x 84	3.6	black	16	EEK27178XL
	1/2 crosswise	358 x 277 x 133	11	black	4	EEK35213XL
	1/4	277 x 178 x 133	6	black	8	EEK27113XL
	1/8	179 x 138 x 133	2.8	black	16	EEK17113XL

1/8 EEK17113XL | 1/8 EEK17113XL | 1/2 crosswise EEK35213XL
1/4 EEK27178XL EEK27113XL
1/2 lengthwise EEK55178XL

European size stacking containers XL
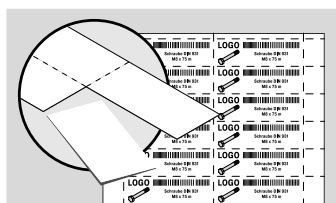
Accessories
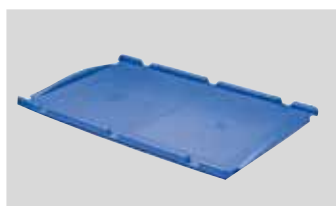
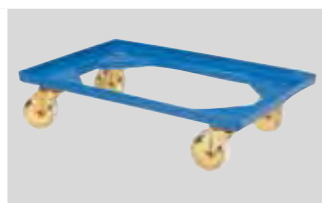A Drop-on lids

B Drop-over lids

C Security tags

D Security tags

E Pre-perforated label sheets

F Label covers

G Transport trolleys

H Transport trolleys

I Covers for palletised containers

J Add-on fork entry shoe kits

BITO

Pos.	Description		Colour	Accepts bin type	Pcs/ pack	Ref. no.
A	Drop-on lids	will cover container stacks, can also be used to close individual containers, suited for automated lidding and strap-sealing, location holes for lifting devices remain accessible	grey	L 200 x W 150 mm	1	AD21grau
			blue	L 300 x W 200 mm	1	AD32XLblau
			red	L 300 x W 200 mm	1	AD32XLrot
			blue	L 400 x W 300 mm	1	AD43blau
			red	L 400 x W 300 mm	1	AD43rot
			blue	L 600 x W 400 mm	1	AD64blau
			red	L 600 x W 400 mm	1	AD64rot
B	Drop-over lids	will cover container stacks, can also be used to close individual containers, suited for automated lidding and strap-sealing, with all round groove to ensure optimum fit	dark grey	L 800 x W 600 mm	1	GBS86-1
C	Security tags	security tags with tear-off ear, suited for all XL and KLT containers except size 200 x 150 mm, colour: red	red		500	KLTP
D		security tags with continuous numbering, suited for all MB, SL and XL containers sized 800 x 600 mm, colour: red			500	MBP2-N
E	Pre-perforated label sheets	pre-perforated blank label sheets, suited for laser and inkjet printers, on white DIN A4 sheets, 140 g/m², 25 sheets per pack	ready for printing	W 210 x H 74 mm	100	46-20778
F	Label covers	angled upper edge allows easy label inserting from the top, special holding fixture prevents label covers from getting lost, suited for all XL and KLT containers except size 200 x 150 mm, from transparent PVC	water clear	W 209 x H 67 mm	10	KLT-ET1
G	Transport trolleys	complete with 4 swivel castors, designed for European size stacking containers: 1 x 600 x 400 mm or 2 x 400 x 300 mm, framework from glassfibre reinforced polyamide	Castors from PP	L 620 x W 420 mm	1	TR64
			Castors from rubber	L 620 x W 420 mm	1	TR64G
H		supplied with 2 swivel and 2 fixed castors, suited for containers sized 800 x 600 mm, made from polypropylene		L 800 x W 600 mm	1	RU86.125
I	Covers for palletised containers	cover palletised bins and containers	black	L 1220 x W 820 mm	1	PAH12.80
J	Add-on fork entry shoe kits	easy to mount and to remove, can be easily retro-fitted by bolt-on fitting to double base containers	grey	L 800 x W 600 mm	1	XL86 Kufenset grau

Product special: workpiece holders

- **For order quantities from 500 pcs your tool inlays can also be made from polystyrene (PS)**
- **Our versatile tool system keeps tool costs low**
- **Material thickness between 2 and 5 mm, tool heights of up to 120 mm depending on material thickness**
- **Prices and delivery periods according to prior agreement**
- **Designed to fit your tool**
- **Various colours and dissipative ESD versions can be supplied**
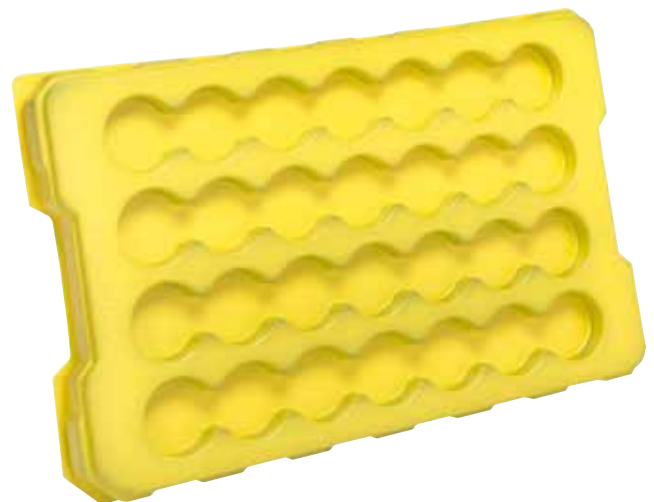
For XL containers sized 400 x 300 mm and 600 x 400 mm

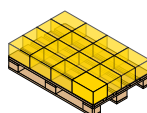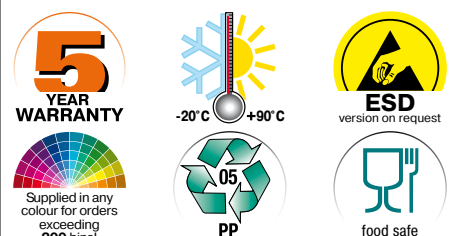For KLT containers sized 400 x 300 mm and 600 x 400 mm

European size stacking containers BN
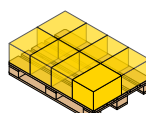
The European size classic for heavy loads

- **Extremely sturdy containers with European footprint**
- **Available with solid or with perforated sides**
- **All containers come with a closed base as standard**
- **Large volume**
- **Almost indestructible**
- **Tried and tested by customers from all industries**
- **Ergonomically designed open hand grips**
- **Also available with view and pick opening**
- **Broad range of accessories**
- **Colour: blue**

BITO-Plus

5 YEAR WARRANTY

-20°C / +90°C

ESD version on request

Supplied in any colour for orders exceeding **200** bins!

05 PP

food safe

300 x 200 mm   400 x 300 mm   600 x 400 mm

With perforated sides

Base dimensions L x W	Height	Inside dimensions L x W x H	Volume	Load capacity	Stacking load	Ref. no.
mm	mm	mm	Litres	kg	kg	
400 x 300	153	360 x 260 x 150	14	30	200	BN4312BLAU
	215	360 x 260 x 211	20	40	200	BN4322BLAU
	265	360 x 260 x 261	24	50	250	BN43262BLAU
600 x 400	130	560 x 360 x 126	25	25	400	BN6412BLAU
	215	560 x 360 x 211	42	30	400	BN6422BLAU
	315	560 x 360 x 311	62	40	400	BN6432BLAU
	415	560 x 360 x 411	82	40	400	BN6442BLAU

With solid sides

Base dimensions L x W	Height	Inside dimensions L x W x H	Volume	Load capacity	Stacking load	Ref. no.
mm	mm	mm	Litres	kg	kg	
300 x 200	153	261 x 161 x 150	6	14		BN321BLAU
400 x 300	153	360 x 260 x 150	14	30	250	BN4311BLAU
	215	360 x 260 x 211	20	50	250	BN4321BLAU
	265	360 x 260 x 261	24	50	250	BN43261BLAU
600 x 400	78	560 x 360 x 74	15	20	400	BN6407BLAU
	130	560 x 360 x 126	25	30	500	BN6411BLAU
	215	560 x 360 x 211	42	40	500	BN6421BLAU
	315	560 x 360 x 311	62	50	500	BN6431BLAU
	415	560 x 360 x 411	82	50	500	BN6441BLAU

BITO

Accessories

Ⓐ Grip closures
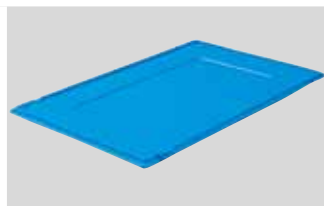
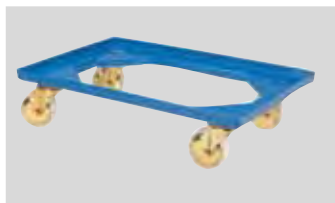Ⓑ Drop-on/clip-on lids
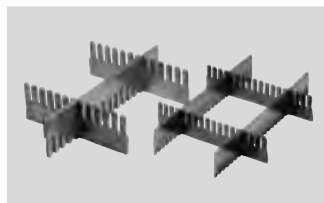

Ⓕ Hinge clips for lids

Ⓓ Document clips

Ⓔ Label covers

Ⓕ Label covers


Ⓖ Transport trolleys

Ⓗ Divider strips

Ⓘ Collars

Pos.	Description		Material thickness *mm*	Accepts bin type	Pcs/ pack	Ref. no.
Ⓐ	Grip closures	from blue PVC, closes grip openings	-	-	50	GV3
Ⓑ	Drop-on/clip-on lids	reliable protection against soiling, containers remain fully stackable	-	400 x 300 mm	1	KD430BLAU
			-	600 x 400 mm	1	KD640BLAU
Ⓒ	Hinge clips for lids	can be used with drop-on lids, drop-on/clip-on lids, hinged lids and drop-over lids, from white PVC, push-in fitting, 2 hinge clips = lid swings open, 4 hinge clips = lid is closed	-	-	100	DSV
Ⓓ	Document clips	from spring steel, clip-on fitting, ideal for larger size shipping documents	-	-	50	SH1
Ⓔ	Label covers	riveted to container by manufacturer, for 95 mm and 68 mm wide labels	-	BD4314, BN6407	1	ET2
			-	except BD4314, BN6407	1	ET1
Ⓕ		can be retro-fitted, for 95 mm and 68 mm wide labels	-	BD4314, BN6407	10	ET6
			-	except BD4314, BN6407	10	ET5
Ⓖ	Transport trolleys	complete with 4 swivel castors, designed for European size stacking containers: 1 x 600 x 400 mm or 2 x 400 x 300 mm, framework from glassfibre reinforced polyamide	-	-	1	TR64
			-	-	1	TR64G
Ⓗ	Divider strips	from black PP-RE, flexi dividers are supplied in standard lengths, can be cut to required length with a saw for wood or metals (ready-cut lengths against supplement)	5	L 1150 mm / H 50 mm	10	SSU50/5
			5	L 1150 mm / H 80 mm	10	SSU80/5
			5	L 1150 mm / H 180 mm	10	SSU180/5
			10	L 950 mm / H 55 mm	10	SSU55/11
			10	L 950 mm / H 120 mm	10	SSU120/11
Ⓘ	Collars	supplied with 4 fixing clips	-	-	1	AR64

EUROPEAN SIZE STACKING CONTAINERS

BITO — Small parts container

Ideal for automated bin storage

When rigidity is key...

The BITO KLT series meets the requirements of a modern warehouse environment in an ideal way. Featuring sturdy corners and three base variations, the container series can also be used for handling heavy loads. Ribbed base and double base KLT containers provide excellent rigidity, making them perfect for use in AS/RS systems.

EUROPEAN SIZE STACKING CONTAINERS
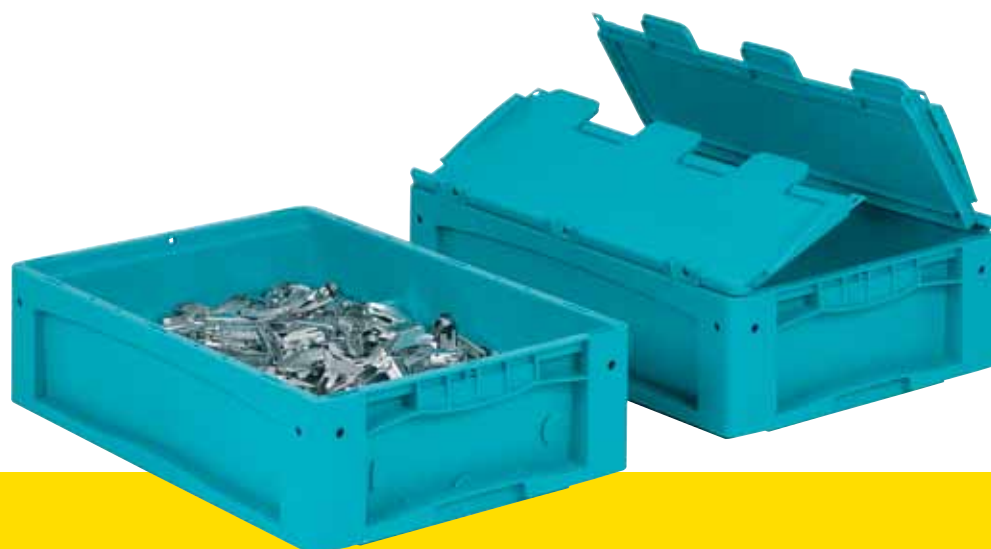
1. Opening to place hinge clip
2. Drainage holes
3. Opening for security tags or cable ties
4. Location hole for lifting devices
5. Hinged lid
6. Ergonomically designed hand grip
7. Integral groove for automated pulling operations
8. Optional: location for transponder accommodation
9. Location for positioning control devices
10. Area for label holders and document pockets
11. Container centering holes
12. Ideal surface for belt conveying
13. Marking space for messages applied by pad print, hot foil stamping or injection mouldin
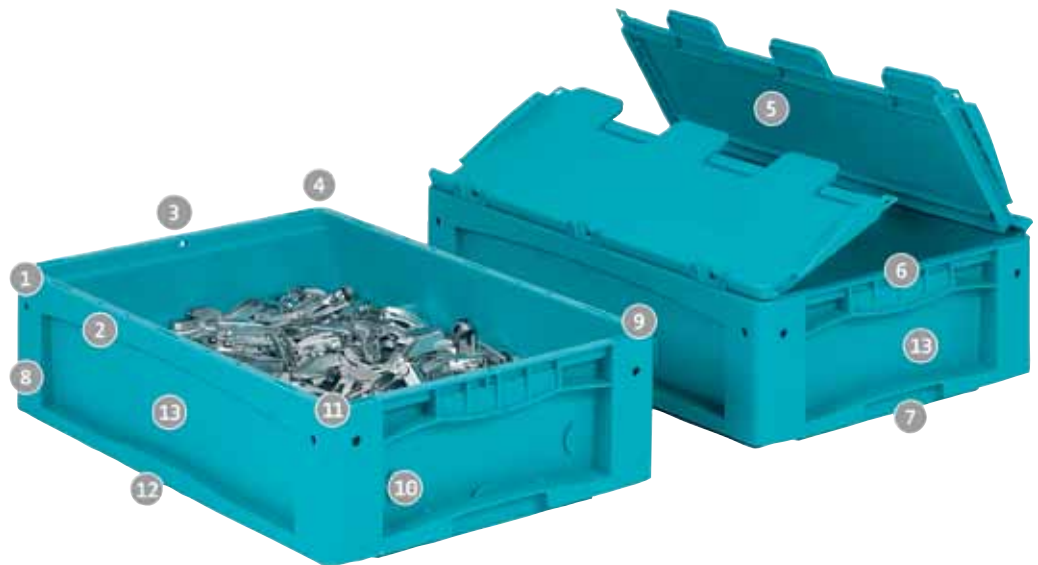
Suited for …

Use on conveyors
Smooth operation on all conveyor types. Excellent travel characteristics on roller tracks and roller conveyor lanes, on belt and chain conveyors, on transfer conveyors etc.

Storage/order picking
Ideal for order picking and storage in manually serviced or in automated facilities. Particularly suited for carton live storage and AS/RS systems.

Transport
Perfectly adapted to all common pallet sizes on the market for optimum use of loading space. Very good stacking stability with loads up to 500 kg, regardless of whether containers are stacked with lid or without lid.

Manual handling
Ergonomically designed hand grips for easy lifting and carrying, even if containers are full loaded.

Base options

Stacking safety

Standard base
Maximum base deflection 3% (measured along diagonal base line) for loads of 30 to 50 kg (depending on container size). All values refer to an ambient temperature of 23 °C and long-side on handling in automated storage facilities!

Ribbed base
Maximum base deflection ≤ 1 mm for loads up to 50 kg.
All values refer to an ambient temperature of 23 °C and long-side on handling in automated storage facilities!

Double base
Maximum base deflection ≤ 1 mm for loads up to 75 kg.
All values refer to an ambient temperature of 23 °C and long-side on handling in automated storage facilities!

Stacking safety
Compatible with all established stacking container and VDA container brands. Excellent stacking safety with and without lid.
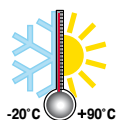
SMALL PARTS CONTAINER

Small parts containers KLT

For any application where rigidity is key

- Closed sides without grip opening ensure 100% volume utilisation
- Excellent stacking safety with lid and without lid
- Perfect for use on conveyors, storage and order picking, transport and manual handling
- Ergonomically designed grips, comfortable to use when container is loaded
- Label holders for document pockets and shipping documents
- Colour: turquoise

BITO-Plus

5 YEAR WARRANTY

Supplied in any colour for orders exceeding **200** bins!

-20°C / +90°C

05 PP

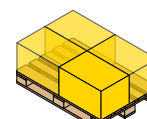**ESD** version on request

food safe

ℹ️ *Base deflection ≤ 5 mm, maximum base deflection 3% (measured along diagonal base line) for loads of 30 to 50 kg (depending on container size)

➔ Perforated label sheets on page 233
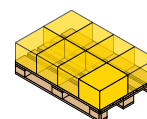
400 x 300 mm   600 x 400 mm

Base dimensions L x W	Height	Inside dimensions L x W x H	Volume	Load capacity	Stacking load	Ref. no.
mm	mm	mm	Litres	kg	kg	
400 x 300	120	341 x 268 x 116	8.9	25*	300	KLT43120
	170	341 x 268 x 166	13	25*	300	KLT43170
	220	341 x 268 x 216	17	50	300	KLT43220
	270	341 x 268 x 266	22	50	300	KLT43270
600 x 400	120	541 x 368 x 116	19	30	500	KLT64120
	170	541 x 368 x 166	29	30	500	KLT64170
	220	541 x 368 x 216	39	40	500	KLT64220
	270	541 x 368 x 266	48	50	500	KLT64270
	320	541 x 368 x 319	58	50	500	KLT64320
	420	541 x 368 x 416	78	50	500	KLT64420

With hinged two-part lid

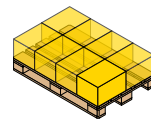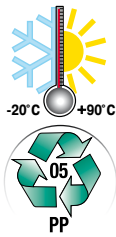| Base dimensions L x W	Height	Inside dimensions L x W x H	Volume	Load capacity	Stacking load	Ref. no.
mm	mm	mm	Litres	kg	kg	
400 x 300	138	341 x 268 x 116	8.9	25*	300	KLTD43120
	188	341 x 268 x 166	13	25*	300	KLTD43170
	238	341 x 268 x 216	17	50	300	KLTD43220
	288	341 x 268 x 266	22	50	300	KLTD43270
600 x 400	138	541 x 368 x 116	19	30	500	KLTD64120
	188	541 x 368 x 166	29	30	500	KLTD64170
	238	541 x 368 x 216	39	40	500	KLTD64220
	288	541 x 368 x 266	48	50	500	KLTD64270
	338	541 x 368 x 316	58	50	500	KLTD64320
	438	541 x 368 x 416	78	50	500	KLTD64420

Small parts containers KLT with ribbed base

Excellent rigidity - ideal for automated storage

- **Ribbed base containers can carry 50 kg, sturdy design reduces base deflection to a minimum***
- **Developed for automated small parts storage**
- **Perfect for use on conveyors, storage and order picking, transport and manual handling**
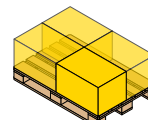- **Colour: turquoise**

ℹ️ *All values refer to an ambient temperature of 23 °C, long side-on container handling and uniformly distributed loads.

BITO-Plus

5 YEAR WARRANTY

-20°C / +90°C

ESD version on request

50 kg < 1 mm Base deflection*

Supplied in any colour for orders exceeding **200** bins!

05 PP

food safe

400 x 300 mm   600 x 400 mm

Base dimensions L x W	Height	Inside dimensions L x W x H	Volume	Load capacity	Stacking load	Ref. no.
mm	mm	mm	Litres	kg	kg	
400 x 300	220	341 x 268 x 200	16	50	300	KLT43220R
	270	341 x 268 x 250	20	50	300	KLT43270R
600 x 400	120	541 x 368 x 100	16	50	500	KLT64120R
	170	541 x 368 x 150	26	50	500	KLT64170R
	220	541 x 368 x 200	36	50	500	KLT64220R
	270	541 x 368 x 250	45	50	500	KLT64270R
	320	541 x 368 x 300	55	50	500	KLT64320R
	420	541 x 368 x 400	74	50	500	KLT64420R

With hinged two-part lid

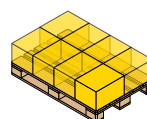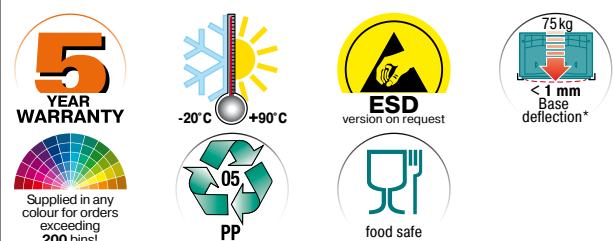| Base dimensions L x W	Height	Inside dimensions L x W x H	Volume	Load capacity	Stacking load	Ref. no.
mm	mm	mm	Litres	kg	kg	
400 x 300	238	341 x 268 x 200	16	50	300	KLTD43220R
	288	341 x 268 x 250	20	50	300	KLTD43270R
600 x 400	138	541 x 368 x 100	16	50	500	KLTD64120R
	188	541 x 368 x 150	26	50	500	KLTD64170R
	238	541 x 368 x 200	36	50	500	KLTD64220R
	288	541 x 368 x 250	45	50	500	KLTD64270R
	338	541 x 368 x 300	55	50	500	KLTD64320R
	438	541 x 368 x 400	74	50	500	KLTD64420R

Small parts containers KLT with double base

Developed to meet the high demands of automated small parts storage

■ **Double base containers can carry up to 75 kg, sturdy design reduces base deflection to a minimum***

■ **Perfect for use on conveyors, storage and order picking, transport and manual handling**

■ **Colour: turquoise**

ℹ

*All values refer to an ambient temperature of 23 °C, long side-on container handling and uniformly distributed loads.

BITO-Plus

5 YEAR WARRANTY

-20°C +90°C

ESD version on request

75 kg < 1 mm Base deflection*

Supplied in any colour for orders exceeding **200** bins!

05 PP

food safe

400 x 300 mm   600 x 400 mm

Base dimensions L x W	Height	Inside dimensions L x W x H	Volume	Load capacity	Stacking load	Ref. no.
mm	mm	mm	Litres	kg	kg	
400 x 300	220	341 x 268 x 200	16	75	300	KLT43220D
	270	341 x 268 x 250	20	75	300	KLT43270D
600 x 400	120	541 x 368 x 100	16	75	500	KLT64120D
	170	541 x 368 x 150	26	75	500	KLT64170D
	220	541 x 368 x 200	36	75	500	KLT64220D
	270	541 x 368 x 250	45	75	500	KLT64270D
	320	541 x 368 x 300	55	75	500	KLT64320D
	420	541 x 368 x 400	74	75	500	KLT64420D

With hinged two-part lid

Base dimensions L x W	Height	Inside dimensions L x W x H	Volume	Load capacity	Stacking load	Ref. no.
mm	mm	mm	Litres	kg	kg	
400 x 300	238	341 x 268 x 200	16	75	300	KLTD43220D
	288	341 x 268 x 250	20	75	300	KLTD43270D
600 x 400	138	541 x 368 x 100	16	75	500	KLTD64120D
	188	541 x 368 x 150	26	75	500	KLTD64170D
	238	541 x 368 x 200	36	75	500	KLTD64220D
	288	541 x 368 x 250	45	75	500	KLTD64270D
	338	541 x 368 x 300	55	75	500	KLTD64320D
	438	541 x 368 x 400	74	75	500	KLTD64420D

Accessories
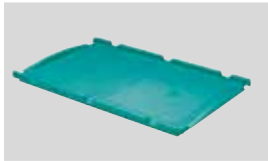
A Drop-on lids

B Security tags
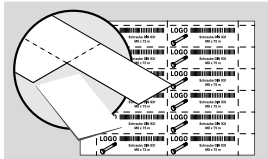

C Locking systems BS

D Covers for palleti-sed containers
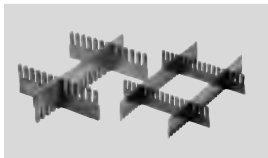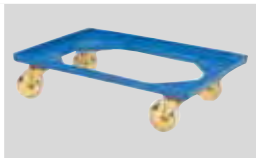

E Pre-perforated label sheets

F Labels

G Label covers

H Document pockets

I Divider strips

J Transport trolleys

SMALL PARTS CONTAINER

Pos.	Description		Colour	Accepts bin type	Pcs/pack	Ref. no.
A	Drop-on lids	will cover container stacks, can also be used to close individual containers, suited for automated lidding and strap-sealing	turquoise	400 x 300 mm	1	AD43türkis
				600 x 400 mm	1	AD64türkis
B	Security tags	security tags with tear-off ear, suited for all XL and KLT conta-iners except size 200 x 150 mm, colour: red	red		500	KLTP
C	Locking systems BS	extra charge per container			1	AUFPRBS1
D	Covers for palletised containers	cover palletised bins and containers	black	L 1220 x W 820 mm	1	PAH12.80
E	Pre-perforated label sheets	pre-perforated blank label sheets, suited for laser and inkjet printers, on white DIN A4 sheets, 140 g/m², 25 sheets per pack	ready for printing	W 210 x H 74 mm	100	46-20778
F	Labels	white plastic cards	white	W 210 x H 60 mm	50	XL21/60
				W 210 x H 74 mm	50	XL21/74
G	Label covers	angled upper edge allows easy label inserting from the top, special holding fixture prevents label covers from getting lost, suited for all XL and KLT containers except size 200 x 150 mm, from transparent PVC	water clear	W 209 x H 67 mm	10	KLT-ET1
				W 218 x H 80 mm	10	KLT-ET2
H	Document pockets	ideal for frequent re-labelling, adhesive fabric backing provides strong adhesion, colour: transparent	transparent	L 105 x W 175 mm	10	MBET
I	Divider strips	from black PP-RE, flexi dividers are supplied in standard lengths, can be cut to required length with a saw for wood or metals (ready-cut lengths against supplement)	Material thick-ness 10 mm	L 950 mm / H 55 mm	10	SSU55/11
				L 950 mm / H 120 mm	10	SSU120/11
			Material thick-ness 5 mm	L 1150 mm / H 50 mm	10	SSU50/5
				L 1150 mm / H 80 mm	10	SSU80/5
				L 1150 mm / H 180 mm	10	SSU180/5
J	Transport trolleys	complete with 4 swivel castors, designed for European size stacking containers: 1 x 600 x 400 mm or 2 x 400 x 300 mm, framework from glassfibre reinforced polyamide	Castors from PP	L 620 x W 420 mm	1	TR64
			Castors from rubber	L 620 x W 420 mm	1	TR64G

SMALL PARTS CONTAINER

Insertable bins
type EK

Make maximum use of your space and stock several references in the same bin!

- **For easy subdivision and full use of space**
- **Optimised grip solution for easy positioning and removal**
- **No further subdivision, stackable**

Type EK, for small parts containers KLT

	To suit containers sized L x W *mm*	Format	Outside dim. L x W x H *mm*	Volume *Litres*	Colour	Pcs/pack	Ref. no.
1/2 EK25169KLT, 1/4 EK25169KLT, 1/4 EK25169KLT	400 x 300	1/4	165 x 129 x 90	1.6	black	32	EK16129KLT
	400 x 300	1/2 crosswise	258 x 166 x 90	3.2	black	16	EK25169KLT
1/8 EK17129KLT, 1/8 EK17129KLT, 1/2 crosswise EK35269KLT, 1/4 EK26179KLT	600 x 400	1/8	178 x 129 x 90	1.7	black	32	EK17129KLT
	600 x 400	1/4	263 x 178 x 90	3.5	black	16	EK26179KLT
	600 x 400	1/2 crosswise	358 x 277 x 90	7.2	black	8	EK35269KLT
1/2 lengthwise EK53179KLT	600 x 400	1/2 lengthwise	530 x 178 x 90	7.3	black	8	EK53179KLT

Accessories

(A) Cross dividers (B) Longitudinal dividers (C) Dust covers

Pos.	Description		Accepts bin type	Pcs/pack	Ref. no.
A	Cross dividers	allow further subdivision of insertable bins	EK16129*, EK25169*	10	QT169
			EK17129*, EK17139*, EK25179*, EK26179*, EK27179*, EK53179*, EK55179*	10	QT179
			EK35269*	10	QT269
B	Longitudinal dividers		EK25169*, EK25179*	10	LT2519
			EK26179*	10	LT2619
			EK35269*, EK35279*	10	LT3529
			EK53179*	10	LT5319
C	Dust covers	reliable protection against soiling, containers remain fully stackable	EK16129*	10	SD1612
			EK17129*	10	SD1712
			EK25169*	10	SD2516
			EK26179*	10	SD2617
			EK35269*	10	SD3526
			EK53179*	10	SD5317

Insertable bins
type EEK

Make maximum use of your space and stock several references in the same bin!

- **For easy subdivision and full use of space**
- **With inward pointing integral ledges for convenient handling**

BITO-Plus

PP-RE 05

ESD
version on request

BITO

Type EEK, for small parts containers KLT

	To suit containers sized L x W mm	Format	Outside dim. L x W x H mm	Volume Litres	Colour	Pcs/ pack	Ref. no.
1/2 lengthwise EEK53178KLT EEK53123KLT 1/4 EEK26178KLT 1/6 EEK17123KLT	600 x 400	1/6	178 x 178 x 230	5.7	black	6	EEK17123KLT
		1/4	265 x 179 x 84	3.4	black	16	EEK26178KLT
		1/2 lengthwise	530 x 179 x 84	7.0	black	8	EEK53178KLT
		1/2 lengthwise	530 x 179 x 230	18.0	black	1	EEK53123KLT

Trays

Excellent workmanship – great for automated storage

- **Zinc-plated steel**
- **Collars increase the standard tray height from 38 mm to up to 400 mm**
- **Very low base deflection**
- **With pressure-joined corners**

ℹ

Steel trays are used for heavy weight items (50 to 300 kg). With a very low base deflection, these steel trays ensure safe handling in automated storage facilities. By clipping on a collar or adding insert bins, it is possible to perfectly adapt the trays to your stock items.

Tray subdivision with steel sheet dividers

Collar to increase tray height, push-in fitting
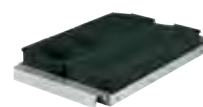
Tray subdivision with insert bins EK

Plastic trays

Perfect for use as „adapter" for storage items that would otherwise not be suited for transport on conveyors or for automated storage - trays sizes 600 x 400 mm and 400 x 300 mm

- **Allow automated handling of cartons, even if they are damaged**
- **Can be handled with all types of service vehicles**
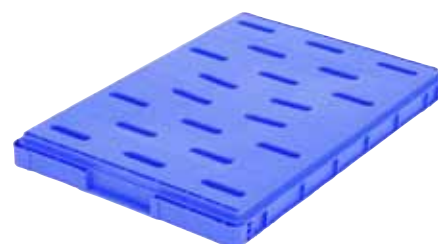- **Further variations upon request**

BITO-Plus

5 YEAR WARRANTY

05 PP

Supplied in any colour for orders exceeding **200** bins!

ESD version on request

Distribution trays DT
- Smooth base and ribbed edges at container base ensure trouble free travel on conveyors
- Inner ribbing ensures very good stability
- Dimensions suited for 600 x 400 mm bins and cartons

Base dimensions L x W	Height	Inside dimensions L x W x H	Colour	Ref. no.
mm	*mm*	*mm*		
640 x 426	50	608 x 408 x 29	blue	DT640

Distribution trays DT
- Smooth base and ribbed edges at container base ensure trouble free travel on conveyors
- Inner ribbing ensures very good stability

Base dimensions L x W	Height	Inside dimensions L x W x H	Colour	Ref. no.
mm	mm	mm		
670 x 410	70	629 x 379 x 50	blue	DT670

European size trays
- European size trays with large inside dimensions
- Ribbed edges at container base for smooth operation on conveyors

Base dimensions L x W	Height	Inside dimensions L x W x H	Colour	Ref. no.
mm	mm	mm		
399 x 299	50	379 x 279 x 30	blue	T43W
599 x 399	50	579 x 379 x 30	blue	T64W
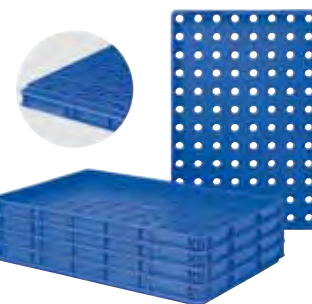
Trays XLT
- Dimensions compatible with stacking container series BN, XL and KLT
- Ribbed edges at container base for smooth operation on conveyors

Base dimensions L x W	Height	Inside dimensions L x W x H	Colour	Ref. no.
mm	mm	mm		
600 x 400	50	568 x 368 x 30	blue	XLT64

ⓘ

Load holders for XLT64 storage trays
These optional load holders safely fix bins and containers lengthwise or crossways on a tray.
Even a single smaller size container is safely held in place - shifting is excluded.
Spring-mounted load holders even allow to fix several different size bins on the same tray.

Trays XLT-P
- Dimensions compatible with stacking container series BN, XL and KLT
- Ribbed edges at container base for smooth operation on conveyors

Base dimensions L x W	Height	Inside dimensions L x W x H	Colour	Ref. no.
mm	mm	mm		
600 x 400	55	568 x 368 x 30	grey	XLT64P

ⓘ

Corner reinforcers for XLT64-P
Optionally available: push-fit corner reinforcers to prevent cartons or bins from slipping sideways.

TRAYS

BITO

Multi-purpose containers

Multi-purpose containers MB

Your first class choice for stacking and nesting: BITO MB containers

The BITO MB container series in Euro footprint is the option of choice for distribution chains.
Compared to one-way packaging such as cardboard boxes, MB containers are extremely
robust, long lasting and save up to 75% on volume when nested. As the MB range is suited
for storage, order picking and transit/transportation alike, goods need no repacking allowing
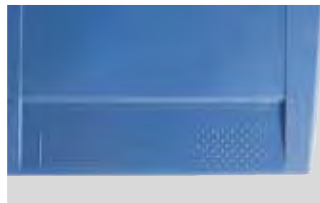you to save on packaging waste, help the environment and conserve ressources.

NESTING AND FOLDING CONTAINERS

Telephone hotline +49 - 67 53 - 122 0

BITO

Product features

Indented buffer zones
Trouble-free handling on conveyors, as indented buffers prevent same height containers from overriding in the case of jams.

Label areas
Label areas with both a smooth and a dimpled surface offer enough room for placing adhesive labels. As these areas are slightly recessed, the labels are reliably protected during nesting and de-nesting.

Ideal travel characteristics
Designed with textured base and rounded edges for optimum use on conveyors and in live storage installations.

Safe stacking
„Swing" stacking rails maximise volume utilisation and ensure safe stacking. The rails lock into upright position to prevent swinging down by accident.

Nesting
Simply turn the stacking rails into their side position for container nesting.

Maximum use of volume
Smooth internal sides provide 100% volume utilisation and make sure that bins can be nested and de-nested without jamming.

Easy cleaning
Smooth surfaces and drainage holes in the container rim allow fast, easy and thorough cleaning.

Manual handling
Generously spaced and ergonomically designed hand grips, comfortable to use when container is loaded.

Hinged lid
The hinged and interlocking lid has an integral recessed area to provide outstanding stacking stability. The standard lid comes firmly fitted to the container and can be sealed in various ways.

Company logos
Company logos and messages can be applied by injection moulding, screen printing, pad printing or hot foil stamping – please ask!

Strap-sealable hinged lid
The hinged lid has been developed for automated long and short side strap--sealing. Raised stacking edges guarantee maximum stacking stability.
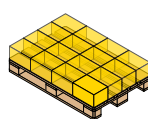
BITO Multi-purpose containers

Multi-purpose containers MB

The range that (inter-)stacks safely and nests away during empty storage
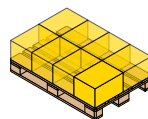
- ■ **MB formula: 3 = 1**
- ■ **1. Transport container**
- ■ **2. Storage container**
- ■ **3. Order picking box**
- ■ **Nesting saves up to 75% on volume**
- ■ **Designed for a long service life**
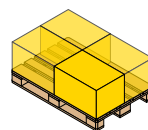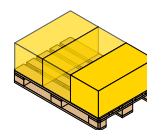- ■ **Reduce packaging waste**
- ■ **Colour: dove blue**

BITO-Plus

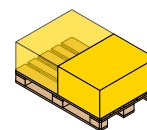**5 YEAR WARRANTY**

05 PP

Supplied in any colour for orders exceeding **200** bins!

ESD version on request

-20°C +90°C

food safe

300 x 200 mm   400 x 300 mm   600 x 400 mm   800 x 400 mm   800 x 600 mm

Base dimensions L x W	Height	Volume	Load capacity	Ref. no.
mm	mm	Litres	kg	
300 x 200	153	5	15	MB32151
400 x 300	173	16	14	MB43171
	223	18	20	MB43221
	273	22	25	MB43271
	323	27	25	MB43321
600 x 400	173	29	25	MB64171
	223	38	30	MB64221
	273	47	30	MB64271
	323	58	35	MB64321
	423	74	35	MB64421
800 x 400	323	76	35	MB84321
	423	100	35	MB84421
800 x 600	323	120	50	MB86321
	423	158	50	MB86421

NESTING CONTAINERS

With hinged two-part lid

Base dimensions L x W mm	Height mm	Volume Litres	Load capacity kg	Stacking load kg	Ref. no.
310 x 200	170	5	15	100	MBD32151
410 x 300	190	16	14	150	MBD43171
	240	18	20	150	MBD43221
	290	22	25	150	MBD43271
	340	27	25	150	MBD43321
610 x 400	190	29	25	200	MBD64171
	240	38	30	200	MBD64221
	290	47	30	200	MBD64271
	340	58	35	200	MBD64321
	440	74	35	200	MBD64421
800 x 400	340	76	35	200	MBD84321
	440	100	35	200	MBD84421
800 x 600	353	115	50	300	MBD86321
	453	154	50	200	MBD86421

i All container sizes interstack even when strap-sealed!

With hinged interlocking lid suited for strap-sealing

Base dimensions L x W mm	Height mm	Volume Litres	Load capacity kg	Stacking load kg	Ref. no.
410 x 300	199	13	14	150	MBDU43171
	249	17	20	150	MBDU43221
	299	21	25	150	MBDU43271
	349	25	25	150	MBDU43321
610 x 400	199	29	25	200	MBDU64171
	249	38	30	200	MBDU64221
	299	47	30	200	MBDU64271
	349	58	35	200	MBDU64321
	449	74	35	200	MBDU64421
810 x 400	349	77	35	200	MBDU84321
	449	102	35	200	MBDU84421

Multi-purpose containers MB
type EK

NESTING CONTAINERS

With mounted stacking rails

Base dimensions L x W	Height	Volume	Load capacity	Stacking load	Ref. no.
mm	mm	Litres	kg	kg	
400 x 300	173	16	14	150	MBB43171
	223	18	20	150	MBB43221
	273	22	25	150	MBB43271
	323	27	25	150	MBB43321
600 x 400	173	29	25	200	MBB64171
	223	38	30	200	MBB64221
	273	47	30	200	MBB64271
	323	58	35	200	MBB64321
	423	74	35	200	MBB64421
800 x 400	323	76	35	200	MBB84321
	423	100	35	200	MBB84421

With hinged stacking seats

Base dimensions L x W	Height	Volume	Load capacity	Stacking load	Ref. no.
mm	mm	Litres	kg	kg	
800 x 600	353	115	50	200	MBB86321
	453	154	50	200	MBB86421

MB 800 x 600 mm with nylon castors

| Base dimensions L x W | Height | Volume | Load capacity | Stacking load | Ref. no. |
mm	mm	Litres	kg	kg	
800 x 600	423	114	50	200	MB86321DROLL-K
	523	151	50	200	MB86421DROLL-K

MB 800 x 600mm with rubber castors

| Base dimensions L x W | Height | Volume | Load capacity | Stacking load | Ref. no. |
mm	mm	Litres	kg	kg	
800 x 600	423	114	50	200	MB86321DROLL-G
	523	151	50	200	MB86421DROLL-G

With locking system

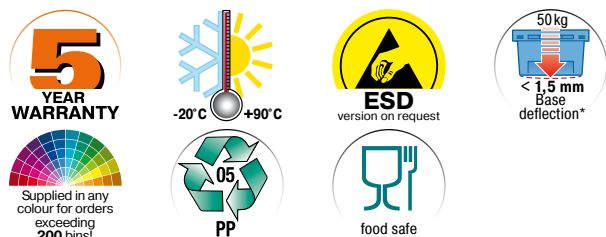| Base dimensions L x W | Height | Volume | Load capacity | Stacking load | Ref. no. |
mm	mm	Litres	kg	kg	
410 x 300	240	18	20	300	MBD43221BS2
610 x 400	340	58	35	300	MBD64321BS1
	340	58	35	300	MBD64321BS2
800 x 600	353	115	50	300	MBD86321 BS1
	353	115	50	300	MBD86321R BS1
	353	115	200	300	MBD86321D BS1
	453	154	50	300	MBD86421 BS1
	453	154	50	300	MBD86421R BS1
	453	154	200	300	MBD86421D BS1

NESTING CONTAINERS

## Multi-purpose containers MB with ribbed base

Ideal for handling heavy-weight loads – also in automated facilities

- **High load capacities of up to 50 kg / 75 kg**
- **Containers are also available with hinged interlocking lid or with stacking rails**
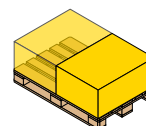- **Very low base deflection for use in automated bin storage facilities***

BITO-Plus

5 YEAR WARRANTY

-20°C / +90°C

ESD version on request

50 kg < 1,5 mm Base deflection*

Supplied in any colour for orders exceeding **200** bins!

05 PP

food safe

ℹ

*All values refer to an ambient temperature of 23 °C, long side-on container handling and uniformly distributed loads.
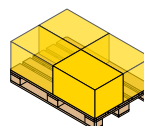
600 x 400 mm   800 x 600 mm

Base dimensions L x W mm	Height mm	Volume Litres	Load capacity kg	Ref. no.
600 x 400	241	38	50	MB64221R
	341	58	50	MB64321R
	441	74	50	MB64421R
800 x 600	323	114	75	MB86321R
	423	151	75	MB86421R

With hinged stacking seats

Base dimensions L x W mm	Height mm	Volume Litres	Load capacity kg	Stacking load kg	Ref. no.
800 x 600	353	109	75	200	MBB86321R
	453	147	75	200	MBB86421R

With hinged two-part lid

Base dimensions L x W mm	Height mm	Volume Litres	Load capacity kg	Stacking load kg	Ref. no.
800 x 600	353	109	75	300	MBD86321R
	453	147	75	300	MBD86421R

Multi-purpose containers MB with double base

Ideal for handling heavy-weight loads – also in automated facilities

■ **Double base containers offer increased stability, silent travelling on conveyors, and are easier to clean than ribbed base containers**

■ **High load capacities of up to 75 kg / 200 kg**

■ **Very low base deflection for use in automated bin storage facilities***

■ **Containers are also available with hinged interlocking lid or with stacking rails**

➔
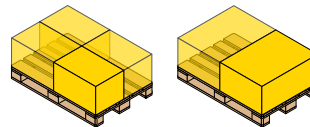
For BITO-Plus see left page

600 x 400 mm   800 x 600 mm

NESTING CONTAINERS

Base dimensions L x W	Height	Volume	Load capacity	Ref. no.
mm	mm	Litres	kg	
600 x 400	242	38	75	MB64221D
	342	58	75	MB64321D
	442	74	75	MB64421D
800 x 600	323	114	200	MB86321D
	423	151	200	MB86421D

With hinged stacking seats

Base dimensions L x W	Height	Volume	Load capacity	Stacking load	Ref. no.
mm	mm	Litres	kg	kg	
800 x 600	353	109	200	200	MBB86321D
	453	147	200	200	MBB86421D

With hinged two-part lid

Base dimensions L x W	Height	Volume	Load capacity	Stacking load	Ref. no.
mm	mm	Litres	kg	kg	
800 x 600	353	109	200	300	MBD86321D
	453	147	200	300	MBD86421D

Multi-purpose containers MB
Product special: thermo inlays

Innovative packaging solution for temperature sensitive goods

- Equipped with an insulating and shock absorbing inlay, a standard MB container turns into a Thermo-MB that is perfectly suited for transporting temperature sensitive goods.
- Cool packs can be fixed to the inlay to keep the inside temperature at an even level
- Container inlays are also nestable

### Thermo-inlays, for multi-purpose containers MB

Description	Accepts bin type	Ref. no.
Thermo-inlays	MBD64271	Thermoinlay 64
	MBD43271	Thermoinlay 43

## Multi-purpose containers MB
Product special for mail sorting centres, with hinged two-part lid

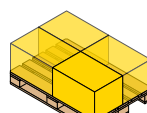Officially approved for use by German post offices and postal services

- These MB containers have been especially developed for mail sorting centres and have been approved by the Deutsche Post AG (German Mail) for use on conveyors.
- Nesting saves up to 75% on volume
- Interlocking lids open and close smoothly
- Single-use security tags safely lock containers with hinged lid and protect integrity of contents
- Ergonomically designed grips, comfortable to use when container is loaded
- The textured base and rounded edges ensure optimum travel characteristics on conveyors and in live storage systems
- The following container sizes have been approved by the Deutsche Post AG (German Mail) for use on sortation systems - other container sizes upon request
- Load capacity 200 kg
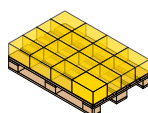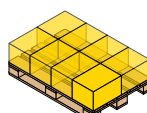
310 x 200 mm   410 x 300 mm   610 x 400 mm

Product special for mail sorting centres, with hinged two-part lid

| Base dimensions L x W | Height | Volume | Ref. no. |
mm	mm	Litres	
310 x 200	170	5	MBD32151POST
410 x 300	240	18	MBD43221POST
	290	22	MBD43271POST
610 x 400	240	38	MBD64221POST
	290	47	MBD64271POST
	340	58	MBD64321POST

Multi-purpose containers MB
Product special for hazardous substances, Drop-over lid with metal snap locks

Safe transport of hazardous goods such as paints, sprays, etc.

- **MB containers for hazardous substances come with drop-on lids complete with ready-mounted metal lever locks**
- **MB containers have been approved by the Bundesanstalt für Materialforschung und -prüfung (German Federal Institute for Materials Research and Testing) as outer packaging for hazardous goods categorised into packaging groups II and III.**
- **Compliance with:**
- **Recommendations of the United Nations (UN),**
- **Code for International Transports of Dangerous Goods by rail (RID)**
- **International Maritime Code for Dangerous Goods (IMDG code)**
- **European Code on International Transports of Dangerous Goods by road (ADR)**
- **German regulations on the transport of dangerous goods by road (GGVS), by rail (GGVE), by sea (GGVSee) and by air**
- **All containers bear the approval number 4H2/ Y25/S/12/D/BAM6107-BITO**
- **Colour: purple red**

NESTING CONTAINERS

Product special for hazardous substances, Drop-over lid with metal snap locks

Base dimensions L x W	Height	Volume	Load capacity	Ref. no.
mm	mm	Litres	kg	
410 x 310	238	18	13	MBSG43221CLIP
	338	27	13	MBSG43321CLIP
610 x 410	238	38	17	MBSG64221CLIP
	338	58	20	MBSG64321CLIP
	438	74	20	MBSG64421CLIP

Multi-purpose containers MB
Product special: transparent version

Don't lose sight of things!

- ■ Container from transparent polypropylene
- ■ Perfect for transport, order picking and storage

BITO-Plus

5 YEAR WARRANTY

ESD version on request

-20°C +90°C

food safe

Product special: transparent version

| Base dimensions L x W | Height | Volume | Load capacity | Ref. no. |
mm	mm	Litres	kg	
400 x 300	223	18	20	MB43221TRANSP
600 x 400	223	38	30	MB64221TRANSP
	323	58	55	MB64321TRANSP

Product special: transparent version, with mounted stacking rails

| Base dimensions L x W | Height | Volume | Load capacity | Stacking load | Ref. no. |
mm	mm	Litres	kg	kg	
400 x 300	223	18	20	150	MBB43221TRANSP
600 x 400	223	38	30	200	MBB64221TRANSP
	323	58	35	200	MBB64321TRANSP

Product special: transparent version, with hinged two-part lid

| Base dimensions L x W | Height | Volume | Load capacity | Stacking load | Ref. no. |
mm	mm	Litres	kg	kg	
410 x 300	240	18	20	150	MBD43221TRANSP
610 x 400	240	38	30	200	MBD64221TRANSP
	340	58	35	200	MBD64321TRANSP

Multi-purpose containers MB
with view and pick opening

Not only good for handling and presenting textiles…

- ■ **Easy order picking also when bins are stacked**
- ■ **Instant identification of content**
- ■ **Containers are also available with hinged interlocking lid or with stacking rails**
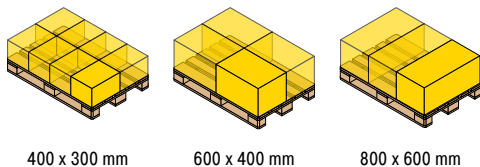
NESTING CONTAINERS

400 x 300 mm   600 x 400 mm   800 x 600 mm

With long side pick opening

| Base dimensions L x W | Height | Pick opening W x H | Volume | Load capacity | Ref. no. |
mm	mm	mm	Litres	kg	
600 x 400	223	439 x 117	38	30	MB64226
	273	439 x 139	47	30	MB64276
	323	439 x 158	58	35	MB64326
	423	439 x 217	74	35	MB64426

With short side pick opening

| Base dimensions L x W | Height | Pick opening W x H | Volume | Load capacity | Ref. no. |
mm	mm	mm	Litres	kg	
400 x 300	273	182 x 138	22	25	MB43274
	323	182 x 157	27	25	MB43324
600 x 400	223	270 x 117	38	30	MB64224
	273	270 x 139	47	30	MB64274
	323	270 x 158	58	35	MB64324
	423	270 x 217	74	35	MB64424
800 x 400	323	270 x 158	76	35	MB84324
	423	270 x 217	100	35	MB84424

Multi-purpose containers MB

Accessories

A Security tags	**B** Security tags	**C** Security tags	**D** Locking clips
E Locking systems BS	**F** Carrier foil for stick-on labels	**G** Document pockets	**H** Document pockets
I Document pockets	**J** Drop-over lids	**K** Transport trolleys	**L** Transport trolleys
M Multi-purpose containers MB „Mobile Office"	**N** Connector clips		
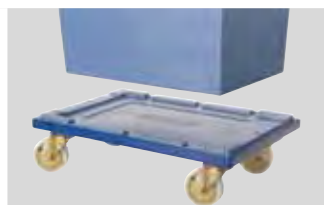
Pos.	Description		Dimensions mm	Pcs/pack	Ref. no.
A	Security tags	security tags with continuous numbering, suited for all MB, SL and XL containers sized 800 x 600 mm, colour: red	-	500	MBP2-N
B		single-use security tags, suited for all MB containers, symmetrical design, colour: red, messages and customised colours upon request	-	500	MBP2
C		single-use security tags, suited for all MB containers, colour: red, other colours upon request	-	500	MBP1
D	Locking clips	to lock MB's with hinged two-part lid, can be re-used, colour: red	-	10	MBV
E	Locking systems BS	extra charge per container	-	1	AUFPRBS1
F	Carrier foil for stick-on labels, KFA5	self-adhesive carrier foil for easy removal of stick-on labels from bin and container surfaces	L 210 x W 148	100	KFA5
	Carrier foil for stick-on labels, KFA6		L 165 x W 114	100	KFA6
G	Document pockets, self-adhesive 3 sides open	ideal for frequent re-labelling, adhesive fabric backing provides strong adhesion, colour: transparent	L 105 x W 175	10	MBET
			L 210 x W 148	10	MBETDINA5
			L 210 x W 74	10	MBETVDA
H	Document pockets, self-adhesive 2 sides open	slightly shorter ticket holder front allows to easily insert and remove cards, from vinyl, colour: blue	L 145 x W 100	25	21108
I	Document pockets, self-adhesive 1 side open	document pocket with two self-adhesive strips, also suited for marking shelving and racking, durable application to all types of storage and transport bins and containers, from vinyl, colour: blue	L 155 x W 85	25	21109
			L 235 x W 170	25	21110
J	Drop-over lids	will cover MB container stacks, can also be used to close individual containers, suited for automated lidding and strap-sealing, individual covers can be nested to save on space, adds 10 mm to container height on all sides	L 306 x W 206	1	MBS32
			L 400 x W 300	1	MBS43
			L 600 x W 400	1	MBS64
			L 800 x W 400	1	MBS84
			L 800 x W 600	1	MBS86
K	Transport trolleys, for multi-purpose containers sized 600 x 400 mm	complete with 4 swivel castors, for multi-purpose containers sized 600 x 400 mm, fitted with drop-in lid for optimum positioning of MB containers, made from glassfibre reinforced polyamide, drop-over lid from polypropylene	L 620 x W 420	1	TR64MBS
L	Transport trolleys, for multi-purpose containers sized 800 x 400 mm and 800 x 600 mm	complete with 4 swivel castors, for multi-purpose containers sized 800 x 400 mm and 800 x 600 mm, anodised aluminium frame with PVC corner edging	L 720 x W 340	1	TR84MB
			L 720 x W 540	1	TR86MB
M	Multi-purpose containers MB „Mobile Office", including rails for A4 hanging files	double base containers offer increased stability, silent travelling on conveyors, and are easier to clean than ribbed base containers, high load capacities of up to 75 kg / 200 kg, very low base deflection for use in automated bin storage facilities*, containers are also available with hinged interlocking lid or with stacking rails, safe transport and storage of hanging files, 2 rails for hanging files per container, to be fitted inside, easy assembly	L 600 x W 400 x H 340	1	MBDM64321
N	Connector clips	The connector clip allows to form a double-height stacking and transport unit by joining multi-purpose containers face to face. Length and width of the containers to be joined must be the same, the height may differ.	-	100	MBC

NESTING CONTAINERS

Multi-purpose containers MB - special applications

Designed for your requirements!

Benefit from utmost versatility: MB containers are just as useful in in-house transport and intralogistics in the widest sense as they are for shipping. This also means that MB containers must be able to cater for custom requirements. For this purpose, BITO provides the widest possible spectrum of features to make your MB container perfect for your needs. Automated barcode labelling or milling and drilling holes to comply with fire prevention regulations are just a few examples.

Of course, we also supply containers with company logos and messages, special dimensions, customised inlays and reinforcing features.

Equipments options

MB with foam inlay, reflex foil and specially designed label holder

Special size MB for extra long items – designed to your specifications!

MB used in logistics at the internationally operating forwarder and service provider TNT

MB with specially designed label holder. Label can only be removed when container is open.

MB used as freight box by the German air carrier Lufthansa

MB with drainage holes used for storage

Carrier foil for stick-on labels

■ **Self-adhesive carrier foil for easy removal of stick-on labels from bin and container surfaces**

NEW!

NESTING CONTAINERS

Dimensions	Format	Pcs/pack	Ref. no.
mm			
L 165 x W 114	DIN A6	100	KFA6
L 210 x W 148	DIN A5	100	KFA5

BITO

Multi-purpose containers

Folding distribution boxes MFB

Nesting saves up to 82% of storage volume

■ **Folds safely in seconds**
■ **Advanced design in 5 variations**

BITO-Plus

-20°C +90°C

ESD version on request

05 PP
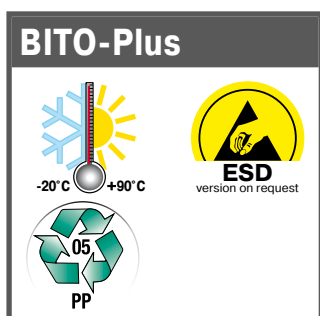
Vertical sides allow maximum volume utilisation

Optionally available with hinged two-part lid

400 x 300 mm

600 x 400 mm

800 x 600 mm

Easy de-stacking

Robust hinges for a long service life
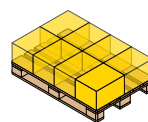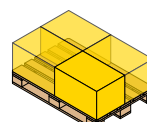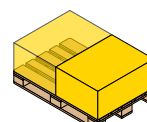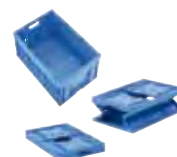
Base dimensions L x W	Height	Inside dimensions L x W x H	Volume	Folded height	Ref. no.
mm	mm	mm	Litres	mm	
400 x 300	220	370 x 270 x 215	22	65	MFB43221
600 x 400	220	560 x 360 x 210	42	80	MFB64221
	280	560 x 360 x 270	54	80	MFB64281
	320	560 x 360 x 310	64	80	MFB64321
800 x 600	445	740 x 540 x 425	165	125	MFB86441

With hinged two-part lid

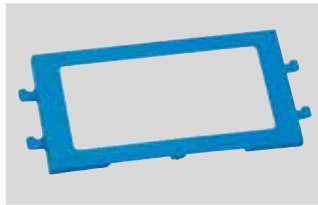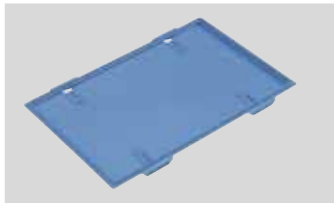| Base dimensions L x W mm	Height mm	Inside dimensions L x W x H mm	Volume Litres	Folded height mm	Ref. no.
400 x 300	220	370 x 270 x 215	22	65	MFBD43221
600 x 400	230	560 x 360 x 210	42	90	MFBD64221
	290	560 x 360 x 265	54	90	MFBD64281
	330	560 x 360 x 310	64	90	MFBD64321
800 x 600	465	740 x 540 x 425	165	145	MFBD86441

Accessories
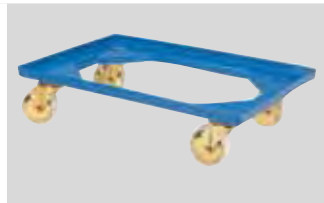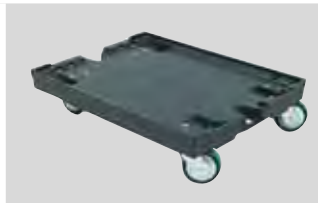
A Security tags

B Drop-door locking

C Label holders

D Drop-on lids

H Transport trolleys

I Transport trolleys

Pos.	Description		Dimensions mm	Pcs/ pack	Ref. no.
A	Security tags	security tags with tear-off ear, suited for all MBF folding distribution boxes, application of customer specific logos and custom prints possible, colour: red	-	100	MFBP
B	Drop-door locking	inhibit theft, prevent that short sides can be pried open by external pressure	-	1	MFBS
C	Label holders	ideal for accompanying documents, not suited for MFB(D)64221	L 160 x W 80	1	MFBER80
D	Drop-on lids		L 400 x W 300	1	MFB-AD43
			L 600 x W 400	1	MFB-AD64
			L 800 x W 600	1	MFB-AD86
H	Transport trolleys	complete with 4 swivel castors, designed for European size stacking containers: 1 x 600 x 400 mm or 2 x 400 x 300 mm, framework from glassfibre reinforced polyamide	L 620 x W 420	1	TR64
I		supplied with 2 swivel and 2 fixed castors, suited for containers sized 800 x 600 mm, made from polypropylene	L 800 x W 600	1	RU86.125

Stack and nest containers DSL

Stackable and nestable container range in many sizes

- **Containers are stackable and nestable with a front-to-back turn**
- **Easy to clean**
- **Adapted to Euro pallet size**
- **Stacking load up to 150 kg**
- **Choice of 4 colours**

With solid sides

Base dimensions L x W	Height	Inside dimensions L x W x H	Volume	Load capacity	Stacking load	Ref. no.	Ref. no.	Ref. no.	Ref. no.
mm	mm	mm	Litres	kg	kg				
300 x 200	150	215 x 145 x 145	6	5	150	DSL3215BLAU	DSL3215ROT	DSL3215GELB	DSL3215GRÜN
400 x 280	180	290 x 210 x 176	13	10	150	DSL4318BLAU	DSL4318ROT	DSL4318GELB	DSL4318GRÜN
590 x 380	135	440 x 290 x 130	18	15	150				DSL6413GRÜN
	202	433 x 285 x 196	34	30	150	DSL6420BLAU	DSL6420ROT	DSL6420GELB	DSL6420GRÜN
600 x 400	300	452 x 318 x 296	50	45	150	DSL6430BLAU	DSL6430ROT	DSL6430GELB	DSL6430GRÜN
800 x 400	300	652 x 325 x 296	70	55	150	DSL8430BLAU	DSL8430ROT	DSL8430GELB	DSL8430GRÜN

Accessories

(A) Drop-over lids

Pos.	Description		To suit containers sized L x W	Ref. no.
			mm	
A	Drop-over lids	reliable protection against soiling, containers remain fully stackable, colour: grey, from polystyrene	590 x 380	DSD6420
			600 x 400	DSD6430
			800 x 400	DSD8430

Stack and nest containers DST

Stackable and nestable container range in many sizes

- ■ **Containers are stackable and nestable with a front-to-back turn**
- ■ **Easy to clean**
- ■ **Adapted to Euro pallet size**
- ■ **Drop-on lid to fit (see accessories)**

With solid sides

- ■ Suited for heavy duty applications, closed sides
- ■ Stacking load up to 300 kg
- ■ Nesting saves up to 65% on volume
- ■ Flat base guarantees optimum travel characteristics on conveyors

Base dimensions L x W	Height	Inside dimensions L x W x H	Volume	Load capacity	Stacking load	Ref. no.
mm	mm	mm	Litres	kg	kg	
600 x 400	150	512 x 368 x 130	28	35	350	DSTG6415
	200	512 x 368 x 180	36	35	350	DSTG6420
	250	512 x 368 x 230	46	35	350	DSTG6425
	300	512 x 368 x 280	56	50	350	DSTG6430
	350	512 x 368 x 330	66	50	350	DSTG6435
	400	512 x 368 x 380	76	50	350	DSTG6440

With perforated sides

- ■ Suited for heavy duty applications, perforated sides
- ■ Stacking load up to 300 kg
- ■ Nesting saves up to 65% on volume
- ■ Flat base guarantees optimum travel characteristics on conveyors

Base dimensions L x W	Height	Inside dimensions L x W x H	Volume	Load capacity	Stacking load	Ref. no.
mm	mm	mm	Litres	kg	kg	
600 x 400	150	512 x 368 x 130	28	25	350	DSTO6415
	200	512 x 368 x 180	36	25	350	DSTO6420
	250	512 x 368 x 230	46	25	350	DSTO6425
	300	512 x 368 x 280	56	35	350	DSTO6430
	350	512 x 368 x 330	66	35	350	DSTO6435
	400	512 x 368 x 380	76	35	350	DSTO6440

Accessories
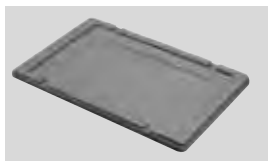
(A) Drop-over lids

| Pos.	Description		To suit containers sized L x W	Ref. no.
			mm	
A	Drop-over lids	reliable protection against soiling	600 x 400	DSTD64

Multi-purpose containers

Multi-purpose containers MB

Great for storing, handling and picking large sized goods!

All advantages of the successful MB container series also apply to MB containers with the base dimensions of 800x600 mm: they are very versatile in use, rigid for safe stacking during storage and save on valuable space when nested empty during transport. What makes them stand out compared to other large volume containers is the fact that optional runners can be added and that containers can be nested with fork entry shoes.
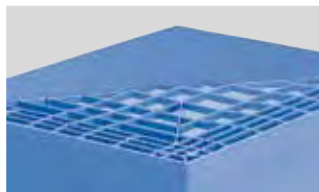
Base options
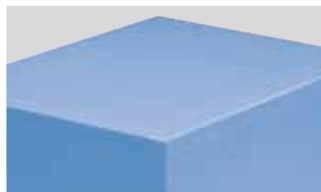
Standard base
Standard base for loads up to 50 kg
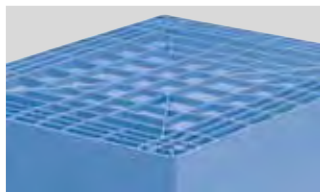
Ribbed base
Ribbed base for loads up to 75 kg

Double base
Double base for loads up to 200 kg

Water drainage holes
Supplied with drainage holes upon request.

Product features

Label cover
Integral label covers protect your address labels or address cards.

Barcode/RFID labels
Slightly recessed label areas allow exact positioning of barcode labels and RFID labels.

Adhesive labels
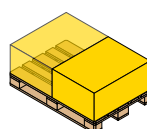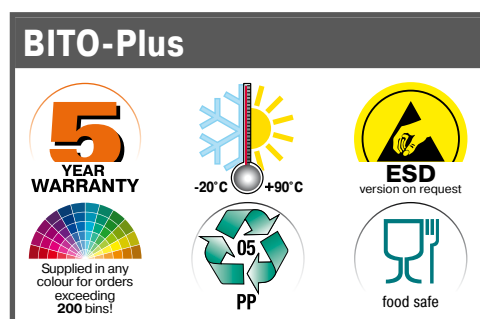Dimpled areas allow easy positioning and removal of adhesive labels.

Manual handling
Generously spaced and ergonomically designed hand grips, comfortable to use when container is loaded.

BITO

Multi-purpose containers MB
with ready-mounted fork entry shoes

Our large volume containers 800 x 600 mm are nestable with fork entry shoes!

- **Our formula: 3 in 1 ! Ideal for storage, order picking and transport**
- **First container that can be nested with fork entry shoes mounted**
- **Nest to reduce volume for empty storage and transportation**
- **Load capacity 200 kg**
- **Easy to handle, integral grip**
- **Slightly recessed label areas allow the exact positioning of barcode labels and RFID labels**
- **Dimpled areas on the lid's outer surface allows easy positioning and removal of adhesive labels**

BITO-Plus

5 YEAR WARRANTY -20°C +90°C **ESD** version on request

Supplied in any colour for orders exceeding **200 bins!** **05 PP** food safe

800 x 600 mm

Multi-purpose containers MB with ribbed base, with ready-mounted fork entry shoes

Base dimensions L x W mm	Height mm	Volume Litres	Load capacity kg	Ref. no.
800 x 600	423	114	75	MB86321RKUFE
	523	151	75	MB86421RKUFE

Multi-purpose containers MB with ribbed base, with hinged stacking seats, with ready-mounted fork entry shoes

Base dimensions L x W mm	Height mm	Volume Litres	Load capacity kg	Stacking load kg	Ref. no.
800 x 600	453	109	75	200	MBB86321RKUFE
	553	147	75	200	MBB86421RKUFE

Multi-purpose containers MB with ribbed base, with hinged two-part lid, with ready-mounted fork entry shoes

Base dimensions L x W mm	Height mm	Volume Litres	Load capacity kg	Stacking load kg	Ref. no.
800 x 600	453	109	75	300	MBD86321RKUFE
	553	147	75	300	MBD86421RKUFE

MULTI-PURPOSE CONTAINERS

Multi-purpose containers MB
with ready-mounted fork entry shoes

Multi-purpose containers MB with double base, with ready-mounted fork entry shoes

| Base dimensions L x W | Height | Volume | Load capacity | Ref. no. |
mm	mm	Litres	kg	
800 x 600	423	114	200	MB86321DKUFE
	523	151	200	MB86421DKUFE

Multi-purpose containers MB with double base, with hinged stacking seats, with ready-mounted fork entry shoes

| Base dimensions L x W | Height | Volume | Load capacity | Stacking load | Ref. no. |
mm	mm	Litres	kg	kg	
800 x 600	453	109	200	200	MBB86321DKUFE
	553	147	200	200	MBB86421DKUFE

Multi-purpose containers MB with double base, with hinged two-part lid, with ready-mounted fork entry shoes

| Base dimensions L x W | Height | Volume | Load capacity | Stacking load | Ref. no. |
mm	mm	Litres	kg	kg	
800 x 600	453	109	200	300	MBD86321DKUFE
	553	147	200	300	MBD86421DKUFE

BITO

Accessories

Ⓐ Security tags

Ⓑ Security tags

Ⓒ Security tags

Ⓓ Locking clips
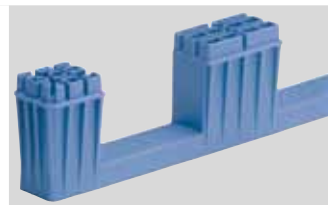
Ⓔ Carrier foil for stick-on labels

Ⓕ Document pockets

Ⓖ Document pockets

Ⓗ Document pockets

Ⓘ Drop-over lids

Ⓙ Add-on fork entry shoe kits

	Description		Dimensions *mm*	Pcs/pack	Ref. no.
Ⓐ	Security tags	security tags with continuous numbering, suited for all MB, SL and XL containers sized 800 x 600 mm, colour: red	-	500	MBP2-N
Ⓑ		single-use security tags, suited for all MB containers, symmetrical design, colour: red, messages and customised colours upon request	-	500	MBP2
Ⓒ		single-use security tags, suited for all MB containers, colour: red, other colours upon request	-	500	MBP1
Ⓓ	Locking clips	to lock MB's with hinged two-part lid, can be re-used, colour: red	-	10	MBV
Ⓔ	Carrier foil for stick-on labels, KFA5	self-adhesive carrier foil for easy removal of stick-on labels from bin and container surfaces	L 210 x W 148	100	KFA5
	Carrier foil for stick-on labels, KFA6		L 165 x W 114	100	KFA6
Ⓕ	Document pockets, self-adhesive 3 sides open	ideal for frequent re-labelling, adhesive fabric backing provides strong adhesion, colour: transparent	L 105 x W 175	10	MBET
			L 210 x W 148	10	MBETDINA5
			L 210 x W 74	10	MBETVDA
Ⓖ	Document pockets, self-adhesive 2 sides open	slightly shorter ticket holder front allows to easily insert and remove cards, from vinyl, colour: blue	L 145 x W 100	25	21108
Ⓗ	Document pockets, self-adhesive 1 side open	document pocket with two self-adhesive strips, also suited for marking shelving and racking, durable application to all types of storage and transport bins and containers, from vinyl, colour: blue	L 155 x W 85	25	21109
			L 235 x W 170	25	21110
Ⓘ	Drop-over lids	will cover MB container stacks, can also be used to close individual containers, suited for automated lidding and strap-sealing, individual covers can be nested to save on space, adds 10 mm to container height on all sides	L 800 x W 600	1	MBS86
Ⓙ	Add-on fork entry shoe kits	easy to mount and to remove, can be easily retro-fitted by bolt-on fitting to double base containers	L 800 x W 600	1	KUFENSET

CONTAINERS WITH FORK ENTRY SHOES 800 X 600 MM

European size stacking containers XL

Hard-wearing, yet lightweight and manageable in size

Modern production methods and heavyweight metal containers that are still being used in many sectors are hard to reconcile. Time has come for organising production areas in line with LEAN PRODUCTION principles. Lightweight, yet of robust make, BITO XL containers with a base dimension of 800x600 mm and various height options perfectly meet the demands of decreasing batch sizes.

**1 base dimension - 5 height options to suit most needs**

BITO

European size stacking containers XL with double base
with ready-mounted fork entry shoes

Safe, clean and strong – a valuable asset to production logistics in any operation

- Containers are the size of half a Euro pallet
- Load capacity 200 kg*
- Convenient handling with hand pallet truck or forklift truck
- Large volume
- Large grip with rounded hand rest
- Label holders on all four sides
- Colour: blue

BITO-Plus

05 PP

food safe

ESD version on request

50 kg < 5 mm Base deflection*
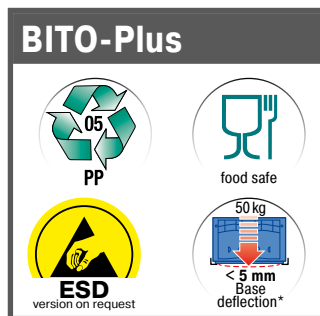
ℹ️ *Load capacity for use in automated storage:
 80 kg at an ambient temperature of 23 °C, base deflection < 5 mm
*All values refer to an ambient temperature of 23 °C, long side-on container handling and uniformly distributed loads.

800 x 600 mm

EUROPEAN SIZE STACKING CONTAINERS
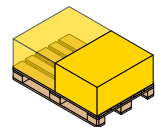
With ready-mounted fork entry shoes

Base dimensions L x W	Height	Inside dimensions L x W x H	Volume	Load capacity	Stacking load	Ref. no.
mm	mm	mm	Litres	kg	kg	
800 x 600	220	762 x 562 x 101	43	200	800	XL86121DKUFEBLAU
	320	762 x 562 x 201	85	200	800	XL86221DKUFEBLAU
	420	762 x 562 x 301	127	200	800	XL86321DKUFEBLAU
	520	762 x 562 x 401	169	200	800	XL86421DKUFEBLAU
	620	762 x 562 x 501	211	200	800	XL86521DKUFEBLAU

With hinged interlocking lid and fork entry shoes

Base dimensions L x W	Height	Inside dimensions L x W x H	Volume	Load capacity	Stacking load	Ref. no.
mm	mm	mm	Litres	kg	kg	
800 x 600	238	762 x 562 x 101	38	200	800	XLD86121DKUFEBLAU
	338	762 x 562 x 201	80	200	800	XLD86221DKUFEBLAU
	438	762 x 562 x 301	122	200	800	XLD86321DKUFEBLAU
	538	762 x 562 x 401	165	200	800	XLD86421DKUFEBLAU
	638	762 x 562 x 501	206	200	800	XLD86521DKUFEBLAU

European size stacking containers XL with double base
with ready-mounted fork entry shoes

With short side pick opening and fork entry shoes

Base dimen-sions L x W	Height	Inside dimensions L x W x H	Pick opening W x H	Volume	Load capacity	Stacking load	Ref. no.
mm	mm	mm	mm	Litres	kg	kg	
800 x 600	220	762 x 562 x 215	459 x 103	91	200	800	XL86224DKufe
	320	762 x 562 x 315	459 x 153	132	200	800	XL86324DKufe
	420	762 x 562 x 415	459 x 203	174	200	800	XL86424DKufe
	520	762 x 562 x 515	459 x 253	217	200	800	XL86524DKufe

With long side pick opening and fork entry shoes

Base dimen-sions L x W	Height	Inside dimensions L x W x H	Pick opening W x H	Volume	Load capacity	Stacking load	Ref. no.
mm	mm	mm	mm	Litres	kg	kg	
800 x 600	320	762 x 562 x 315	459 x 153	132	200	800	XL86326DKufe
	420	762 x 562 x 415	459 x 203	174	200	800	XL86426DKufe
	520	762 x 562 x 515	459 x 253	217	200	800	XL86526DKufe

BITO

Accessories
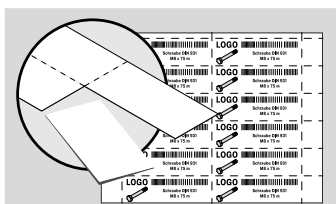

Ⓐ Drop-over lids

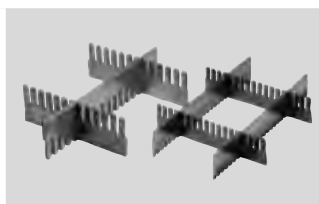Ⓑ Security tags

Ⓒ Security tags

Ⓓ Covers for palletised containers

Ⓔ Pre-perforated label sheets

Ⓕ Label covers

Ⓖ Divider strips

Pos.	Description		Dimensions *mm*	Pcs/pack	Ref. no.
Ⓐ	Drop-over lids	will cover container stacks, can also be used to close individual containers, suited for automated lidding and strap-sealing, with all round groove to ensure optimum fit	L 800 x W 600	1	GBS86-1
Ⓑ	Security tags	single-use security tags, suited for all MB containers, symmetrical design, colour: red, messages and customised colours upon request	-	500	MBP2
Ⓒ		security tags with continuous numbering, suited for all MB, SL and XL containers sized 800 x 600 mm, colour: red	-	500	MBP2-N
Ⓓ	Covers for palletised containers	cover palletised bins and containers	L 1220 x W 820	1	PAH12.80
Ⓔ	Pre-perforated label sheets	pre-perforated blank label sheets, suited for laser and inkjet printers, on white DIN A4 sheets, 140 g/m², 25 sheets per pack	W 210 x H 74	100	46-20778
Ⓕ	Label covers	angled upper edge allows easy label inserting from the top, special holding fixture prevents label covers from getting lost, suited for all XL and KLT containers except size 200 x 150 mm, from transparent PVC	W 209 x H 67	10	KLT-ET1
Ⓖ	Divider strips	from black PP-RE, flexi dividers are supplied in standard lengths, can be cut to required length with a saw for wood or metals (ready-cut lengths against supplement)	L 950 x W 11 x H 55	10	SSU55/11
			L 950 x W 11 x H 120	10	SSU120/11
			L 1150 x W 5 x H 50	10	SSU50/5
			L 1150 x W 5 x H 80	10	SSU80/5
			L 1150 x W 5 x H 180	10	SSU180/5

CONTAINERS WITH FORK ENTRY SHOES 800 X 600 MM

Heavy duty containers SL

The new generation

Stock loads as high as 500 kg in a PVC container with a standard size of 800 x 600 mm!

This completely new heavy duty container series from BITO sets new standards in production, storage and transport logistics.

With an empty weight of 14,5 kg or 18 kg depending on the container height, the BITO SL weighs much less than a traditional wire-mesh box pallet or a steel sheet container, but have a comparable load capacity.

BITO heavy duty containers are not only great for heavy weight loads. They are also ideal for large size products and goods which must be stored and shipped under absolutely clean and dustfree conditions.

reddot design award
winner 2012
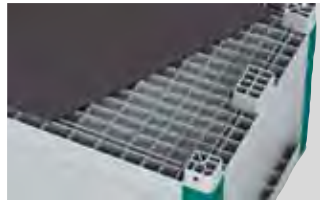
CONTAINERS WITH FORK ENTRY SHOES 800 X 600 MM

Product features

Drop door
Optionally available on short or long side. Jam-free operation due to synchronised hinges. Only one hand needed to close door, also when containers are stacked.

Double base
Welded sandwich construction for high load capacities. Version for automated bin storage (flat base, no runners) can be supplied upon request.

Runners
Suited for fork lift truck or hand pallet truck handling. Easy to mount and to remove. Convenient in-house transfer with a hand pallet truck or a container dolly. Can also be handled on powered and gravity-driven conveyors.

Dual colour design
Colour coding for easy stock identification: corner uprights can be supplied in various colours – ask for minimum order quantity.
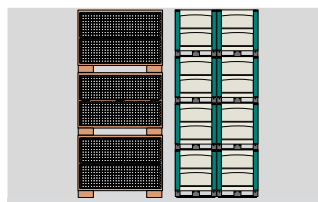

Generous space for your company logo
Choose from various application methods: injection moulding – pad print – screen print.

Lid options:
Hinged lid: firm fit, can be strap-sealed and security-tagged.
Drop-over lid: perfect protection against soiling, easy drop-over fitting and removal (supplied upon request).

Optimum container size
The trend towards reduced batch sizes demands smaller bulk storage containers. Advantage: More items can be stored on the same floor space.

Stacks up to 1500 kg
Safe stacking – even if fully loaded, static stacking load: 1500 kg, dynamic stacking load: 1000 kg

Light weight champion
Weighs much less than a same size metal container, but with similar load capacity

Clean and safe
Smooth internal sides allow easy cleaning, completely closed construction is ideal for storing and transporting liquids in jerrycans and drums.
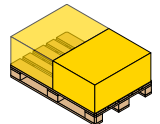
Heavy duty containers SL

HEAVY DUTY CONTAINERS SL

Designed for premium performance – 500 kg load capacity

- **Containers are the size of half a Euro pallet**
- **Load capacity 500 kg**
- **Static stacking load 1500 kg**
- **Dynamic stacking load 1000 kg**
- **Products are kept clean and safe - in line with modern production principles**

reddot design award
winner 2012

BITO-Plus

5 YEAR WARRANTY

ESD

Supplied in any colour for orders exceeding **200** bins!

food safe

05 PP

800 x 600 mm

With solid sides

Base dimensions L x W	Height	Inside dimensions L x W x H	Volume	Load capacity	Stacking load	Ref. no.
mm	mm	mm	Litres	kg	kg	
800 x 600	520	725 x 525 x 373	145	500	1500	SL86421K
	720	725 x 525 x 573	223	500	1500	SL86621K

With hinged two-part lid

Base dimensions L x W	Height	Inside dimensions L x W x H	Volume	Load capacity	Stacking load	Ref. no.
mm	mm	mm	Litres	kg	kg	
800 x 600	520	725 x 525 x 373	145	500	1500	SLD86421K
	720	725 x 525 x 573	223	500	1500	SLD86621K

BITO

With long side pick opening

Base dimensions L x W	Height	Inside dimensions L x W x H	Volume	Load capacity	Stacking load	Ref. no.
mm	mm	mm	Litres	kg	kg	
800 x 600	520	725 x 525 x 373	145	500	1500	SL86426K
	720	725 x 525 x 573	223	500	1500	SL86626K

With short side pick opening

Base dimensions L x W	Height	Inside dimensions L x W x H	Volume	Load capacity	Stacking load	Ref. no.
mm	mm	mm	Litres	kg	kg	
800 x 600	520	725 x 525 x 373	145	500	1500	SL86424K
	720	725 x 525 x 573	223	500	1500	SL86624K

With long side pick opening, with half-drop door

■ Anti-jam half-drop door

Base dimensions L x W	Height	Inside dimensions L x W x H	Volume	Load capacity	Stacking load	Ref. no.
mm	mm	mm	Litres	kg	kg	
800 x 600	520	725 x 525 x 373	145	500	1500	SLK86426K
	720	725 x 525 x 573	223	500	1500	SLK86626K

Heavy duty containers SL
with ready-mounted fork entry shoes

With short side pick opening, with half-drop door
■   Anti-jam half-drop door

Base dimensions L x W	Height	Inside dimensions L x W x H	Volume	Load capacity	Stacking load	Ref. no.
mm	mm	mm	Litres	kg	kg	
800 x 600	520	725 x 525 x 373	145	500	1500	SLK86424K
	720	725 x 525 x 573	223	500	1500	SLK86624K

With short side pick opening, with half-drop door, with hinged two-part lid
■   Anti-jam half-drop door

Base dimensions L x W	Height	Inside dimensions L x W x H	Volume	Load capacity	Stacking load	Ref. no.
mm	mm	mm	Litres	kg	kg	
800 x 600	520	725 x 525 x 538	145	500	1500	SLDK86424K
	720	725 x 525 x 738	223	500	1500	SLDK86624K

Without fork entry shoes to suit automated storage

Base dimensions L x W	Height	Inside dimensions L x W x H	Volume	Load capacity	Stacking load	Ref. no.
mm	mm	mm	Litres	kg	kg	
800 x 600	420	725 x 525 x 373	145	500	1500	SL86421AKL
	620	725 x 525 x 573	223	500	1500	SL86621AKL

BITO

Accessories

Ⓐ Drop-over lids

Ⓑ Label holders

Ⓒ Document pockets
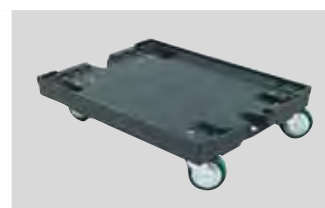

Ⓓ Divider strips

Ⓔ Intermediate drop-in-layers

Ⓕ Anti-slip matting

Ⓖ Hand pallet lift trucks

Ⓗ Transport trolleys

Pos.	Description		Dimensions mm	Pcs/ pack	Ref. no.
Ⓐ	Drop-over lids	will cover container stacks, can also be used to close individual containers	L 800 x W 600	1	SLS86-46
Ⓑ	Label holders	welded to container by manufacturer, take despatch documents or stock identification cards	W 240 x H 80	1	SLET1
			W 240 x H 168	1	SLET2
Ⓒ	Document pockets, self-adhesive 3 sides open	ideal for frequent re-labelling, adhesive fabric backing provides strong adhesion, colour: transparent	L 105 x W 175	10	MBET
			L 210 x W 148	10	MBETDINA5
Ⓓ	Divider strips, front to back	from black PP-RE, allow to subdivide containers as required, can be cut to required length with a saw for wood or metals (ready-cut lengths against supplement)	L 724 x W 10 x H 120	10	30383
			L 724 x W 5 x H 180	10	30385
	Divider strips, side to side		L 524 x W 10 x H 120	10	30382
			L 524 x W 5 x H 180	10	30384
Ⓔ	Intermediate drop-in-layers	allow to store products in several layers in one and the same container	L 724 x W 524	1	30381
Ⓕ	Anti-slip matting	will protect container base from damage by rough infeeding of items	L 720 x W 520 x H 8	10	30380
Ⓖ	Hand pallet lift trucks	fork length 600 mm, width over forks 520 mm, load capacity 200 kg, swivel castors and load rollers from polyurethane	L 600 x W 150	1	30379
Ⓗ	Transport trolleys, Castors from rubber	supplied with 2 swivel and 2 fixed castors, suited for containers sized 800 x 600 mm, made from polypropylene	L 800 x W 600	1	RU86.125

**HEAVY DUTY CONTAINERS SL**

Pallet boxes

Heavy duty container designed for use with Euro pallets and industrial pallets

- Load capacity 500 kg
- Large volume
- Made from PE-HD = long service life, 100% recyclable
- Double-walled, closed sides
- Extremely strong
- Easy-to-clean inside shape and surfaces
- Reinforcing corner profiles enable safe stacking
- Drainage holes in the sides and the base
- Optionally with pick opening
- Optionally with 4 feet, 4 castors or 3 runners
- Solid, injection-moulded lid (see accessories)

05 PP-RE

Description	Base dimensions L x W	Height	Inside dimensions L x W x H	Volume	Load capacity	Stacking load	Ref. no.
	mm	mm	mm	Litres	kg	kg	
with 4 feet	1200 x 800	760	1100 x 710 x 610	535	500	4500	PC1871
	1200 x 1000	760	1100 x 910 x 610	670	500	4500	PC1171
with 4 castors	1200 x 800	915	1100 x 710 x 610	535	500	500	PCR1871
	1200 x 1000	915	1100 x 910 x 610	670	500	500	PCR1171
with 3 runners	1200 x 800	790	1100 x 710 x 610	535	500	4500	PC1873
	1200 x 1000	790	1100 x 910 x 610	670	500	4500	PC1173
with 4 feet short side pick opening 735 x 310 mm	1200 x 800	760	1100 x 710 x 610	535	500	4500	PC1874
	1200 x 1000	760	1100 x 910 x 610	670	500	4500	PC1174

Accessories
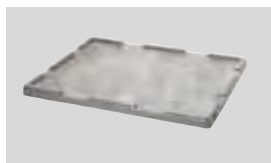
A Drop-over lids

Pos.	Description		To suit containers sized L x W	Ref. no.
			mm	
A	Drop-over lids	reliable protection against soiling, individual covers can be nested to save on space	1200 x 800	PD800
			1200 x 1000	PD1000

HEAVY DUTY CONTAINERS

Folding bulk containers

Protect your goods from dust and dirt during storage and transport!

- **3-part system = pallet + sides + lid**
- **Picking flap on the long side**
- **Very strong foldable side construction from impact-resistant plastic**
- **Supplied with 9 feet each**
- **Considerable reduction in volume when empty (folded height about 250 mm, volume savings up to 77%)**
- **Low proper weight**
- **Easy to handle**
- **100% recyclable**
- **Application of customer specific logos and custom prints possible**
- **Containers with fork entry shoes upon request**

Considerable reduction in volume when empty

Version	Base dimensions L x W	Height	Inside dimensions L x W x H	Volume	Load capacity	Stacking load	Ref. no.
	mm	mm	mm	Litres	kg	kg	
with feet	1200 x 800	885	1155 x 755 x 725	606	1200	1000	BMD1280S
		885	1155 x 755 x 725	606	1200	800	BMD1280
	1245 x 845	855	1200 x 800 x 695	667	1200	1000	BMD1280IS
		855	1200 x 800 x 695	667	1200	800	BMD1280I
with ready-mounted fork entry shoes	1200 x 1000	1090	1160 x 960 x 925	1030	1200	1000	BMD1210S
		1090	1160 x 960 x 925	1030	1200	800	BMD1210

Plastic pallets

- ■ **All pallets from recycling material**
- ■ **All types are stackable and nestable**

Display pallets K9
- ■ With feet
- ■ Nestable

Base dimen-sions L x W	Height	Static load capacity	Dynamic load capacity	Description	Colour	Ref. no.
mm	mm	kg	kg			
800 x 600	115	1000	500	without retaining lip	black	K9-8060
600 x 400	150	500	200	without retaining lip	black	K9-6040

Light duty pallets K8 with feet
- ■ 9 feet
- ■ Nestable

Base dimen-sions L x W	Height	Static load capacity	Dynamic load capacity	Description	Colour	Ref. no.
mm	mm	kg	kg			
1200 x 800	155	2500	600	deck with load retaining lip	black	K8-1280
1200 x 1000	155	2500	600	deck with load retaining lip	black	K8-1210

Heavy duty pallets K2 with feet
- ■ With feet
- ■ Nestable

Base dimen-sions L x W	Height	Static load capacity	Dynamic load capacity	Description	Colour	Ref. no.
mm	mm	kg	kg			
1200 x 800	145	4000	1200	without retaining lip	black	K2-1280
1200 x 1000	145	4000	1200	without retaining lip	black	K2-1210

Pallets K6 with runners
- ■ 3 runners
- ■ Solid deck, flat on top and ribbed underneath
- ■ Stackable

Base dimen-sions L x W	Height	Static load capacity	Dynamic load capa-city	Load cap. rack	Description	Colour	Ref. no.
mm	mm	kg	kg	kg			
1200 x 800	150	5000	1500	500	without retaining lip	black	K6-1280
1200 x 1000	150	5000	1500	500	without retaining lip	black	K6-1210

Pallets K1 with runners
- ■ 3 runners
- ■ Solid upper and lower deck
- ■ Stackable

Base dimen-sions L x W	Height	Static load capacity	Dynamic load capa-city	Load cap. rack	Description	Colour	Ref. no.
mm	mm	kg	kg	kg			
1200 x 800	155	5000	1500	1250	deck with load retaining lip	grey	K1-1280
1200 x 1000	155	5000	1500	1250	without retaining lip	grey	K1-1210

STORAGE AND ORDER PICKING SOLUTIONS

BITO plastic bins and containers
– designed for use in storage, distribution
and assembly environments

Less packaging waste, lower storage and freight costs, easy handling, a robust make, a broad range of models and variations, ergonomic design and a 5 year warranty on quality and function are just some of the benefits provided by BITO bins and containers.

BITO provides a huge range of bins and containers for any application - from order picking containers over various stacking container series in Euro footprint to the very successful multi-purpose container series, from bins and trays for automated storage to containers in pallet size.

BITO

Your benefits

- Great for distribution and transport, storage and order picking
- Particularly hard-wearing and durable
- Stable when stacked
- Wide range of accessories
- Can be adapted to suit customer specific applications
- Company logos and messages can be applied by screen print, pad print or hot stamping
- Electro-conductive version upon request
- Ecologically responsible product, as containers can be recycled

Designed for use on conveyors…

…in distribution chains

…in shelving and racking

…in assembly areas

…in the order picking process

STORAGE AND ORDER PICKING SOLUTIONS

ℹ️

Further information on this product is provided in our catalogue PROJECT GUIDE which is available free of charge. To obtain your copy please call 06753/122-0 or send us an email at info@bito.com