

THE SL86 ALLROUND TALENT

The ultimate large volume container sized 800 x 600 mm

**LOAD
CAPACITY
UP TO
500 KG**



reddot

BITOBOX SL

BITO

...or how do you store?



»BITOBOX SL86 – the ideal large volume container for lean production environments«

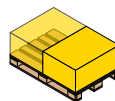


BITOBOX SL86 – The allround talent sized 800 x 600 mm

BITO

From the technical as well as from the economic point of view, the SL86 is a smart alternative to conventional heavy duty carriers such as mesh box pallets and other large volume containers made of metal or wood. Lightweight yet hardwearing, the SL86 comes in dimensions that meet the trend towards smaller batch sizes. A standard European pallet accommodates two SL86 containers.

- > **Lightweight alternative from polypropylene** | substantially lower weight than same size metal containers
- > **Excellent rigidity** | Non-deforming one-piece construction minimises need for repairs, hence low maintenance costs
- > **Protects your goods from soiling** | Closed lid keeps dirt out and prevents damage to contents
- > **Dual colour design** | Corner uprights in a different colour allow easy stock identification
- > **Ideal container size** | The smaller container size suits a wider range of applications and reduces waste of space
- > **Half-drop door** | Optionally supplied with half-drop door at the short or at the long side | Easy access to stock
- > **Easy to clean** | Snag-free interiors
- > **Base dimensions 800 x 600 mm**
- > **Winner of the red dot award 2012**



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BITOBOX SL86 –

Heavy duty container sized 800x600mm large volume container



Stocks a load of up to 500 kg

■ in one plastic container sized 800 x 600mm

Excellent rigidity

- Safe stacking – also when fully loaded
- Static stacking capacity: 1500 kg
- Mobile stacking capacity: 1000 kg



Dual colour design

- Colour coding for easy stock identification
- Corner uprights in various colours
- Ask for minimum order quantities



Plenty of space for your logo

- Choose from various application methods:
injection moulding, pad print, screen print.

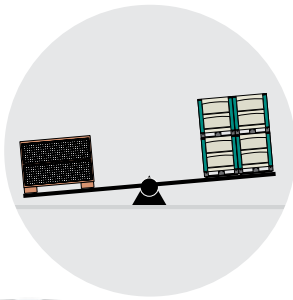
Durable & robust

- 5 year warranty



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Light-weight champion

- Weighs much less than same size metal containers



Lid options

- Interlocking two-part lid, mounted on hinges, can be strap-sealed and security tagged
- Drop-on one part lid, perfect protection against content soiling, drop-on fitting, can be removed anytime

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Half-drop door

- Optionally available, on long or short side
- Jam-free operation, synchronised hinges provide smooth motion
- Only one hand needed to close door



Runners

- Convenient handling with fork lift truck or hand pallet truck
- Easy to mount and to remove



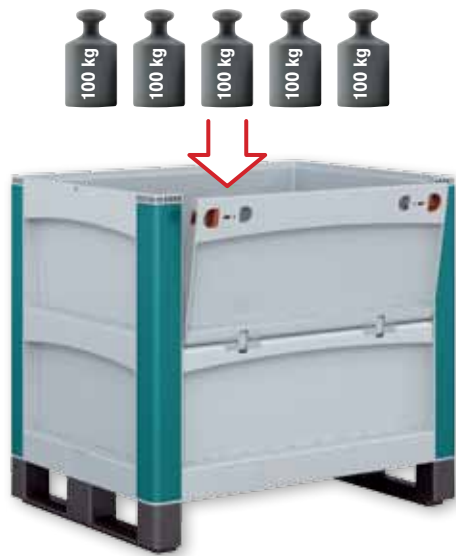
Double base

- Welded sandwich construction for high load capacities
- Containers for automated storage (no runners) can be supplied upon request



BITOBOX SL86 –

Heavy duty container sized 800x600 mm large volume container



**Stock and move loads of up to 500 kg –
in a plastic container sized 800 x 600 mm**

- > One plastic container SL86 can carry up to 500 kg.
This has been tested and confirmed by the Fraunhofer Institute for Material Flow and Logistics
- > Low tare weight between 14 and 18 kg depending on container variation
- > Empty containers can be relocated without powered vehicles – no forklift truck needed



**1 container stacks up to 1500 kg (static load) –
3 containers weighing 500 kg each**

- > Static stacking capacity: 1500 kg
- > Mobile stacking capacity: 1000 kg
- > All values indicated have been tested and confirmed by the Fraunhofer Institute for Material Flow and Logistics.



**Jam-free half-drop door –
for convenient handling**

- > Large half-drop door on long side or on short side
- > Can be closed with one hand, hinges are synchronised



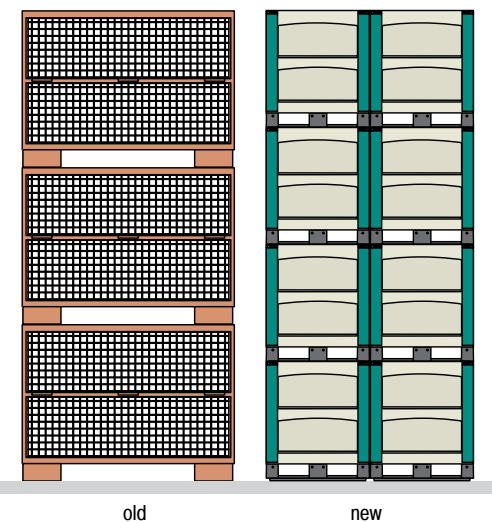
Dual colour design – facilitates stock identification

- > Container uprights can be supplied in 5 colours.
- > Standard colours include turquoise, blue, yellow, red and black.



Secure and clean – in line with modern storage & handling principles

- > The snag-free interiors are soil-resisting and very easy to clean.
- > Closed sides and base help to keep out dirt and in case of any leaking from stocked items, liquids or grease will not soil your shop floor or pollute the environment.



old

new

Optimum container dimensions – are ideal for „lean production“ environments

- > Dimensions 800 x 600 mm / equivalent to half a European standard pallet
- > Ideal for reduced batch sizes in production and assembly
- > Reduced floor space requirement for same-product batches
- > Low tare weight allows manual in-house transport

BITOBOX SL86 – Container variations

With solid sides



Base Dimensions	Height	Inside Dimensions	Vol.	Type	Ref. no.	Piece/Pallet	Price/piece	Price/Piece at Pallet load	Item price For purchase of 100 Pcs. min
L x W mm	mm	L x W x H mm	Litres						
800 x 600	520	739 x 539 x 373	145	SL86421K	52-30342	8	159,00	149,00	119,00
	720	739 x 539 x 573	223	SL86621K	52-30343	6	189,00	179,00	139,00



With hinged two-part lid

800 x 600	520	739 x 539 x 373	145	SLD86421K	52-30368	8	189,00	179,00	139,00
	720	739 x 539 x 573	223	SLD86621K	52-30369	6	216,00	206,00	159,00



With long side pick opening

800 x 600	520	739 x 539 x 373	145	SL86426K	52-30364	8	179,00	169,00	129,00
	720	739 x 539 x 573	223	SL86626K	52-30365	6	209,00	199,00	149,00



With short side pick opening

800 x 600	520	739 x 539 x 373	145	SL86424K	52-30354	8	179,00	169,00	129,00
	720	739 x 539 x 573	223	SL86624K	52-30355	6	209,00	199,00	149,00



With half-drop door on the long side

800 x 600	520	739 x 539 x 373	145	SLK86426K	52-30366	8	199,00	189,00	145,00
	720	739 x 539 x 573	223	SLK86626K	52-30367	6	235,00	225,00	175,00



With half-drop door on the short side

800 x 600	520	739 x 539 x 373	145	SLK86424K	52-30356	8	199,00	189,00	145,00
	720	739 x 539 x 573	223	SLK86624K	52-30357	6	235,00	225,00	175,00



With half-drop door on the short side, with hinged two-part lid

800 x 600	520	739 x 539 x 373	145	SLDK86424K	52-30370	8	226,00	215,00	169,00
	720	739 x 539 x 573	223	SLDK86624K	52-30371	6	259,00	248,00	195,00

This container model is not stackable!

Without fork entry shoes to suit automated storage

800 x 600	420	739 x 539 x 373	145	SL86421AKL	52-30346				POA*
	620	739 x 539 x 573	223	SL86621AKL	52-30347				POA*

*price on application

BITOBOX SL86 – Accessories

Container dolly

Allows easy handling of containers sized 800 x 600 mm. Perimetral raised edge keeps container in place. 2 swivel and 2 fixed castors, Ø 125 mm. Load capacity 500 kg.



Ref.no.	Pcs/pack	Price/pack
RU86.125	1	83,00

Rubber anti-slip matting

Protects inside base surface from damage caused by parts being dropped directly into the container by a machine.



Ref.no.	Pcs/pack	Price/pack
52-30380	10	86,00

Hand pallet truck, fork length 600 mm

Width 520 mm; load capacity 2000 kg; swivel castors + load rollers: PU.



Ref.no.	Pcs/pack	Price/pack
52-30379	1	495,00

Intermediate drop-in layer

Allows to store products in several layers in one and the same container; material: PP-HK, 10 mm



Ref.no.	Pcs/pack	Price/pack
52-30381	1	11,60

Divider strips

Side-to-side and front-to-back dividers for SL86 containers.

Made from black PP-RE, can be cut to required length with a saw for wood or metals (additional charge for ready cut lengths).



	Length mm	Height mm	Material thickness mm	Ref.no.	Pcs/ pack	Price/ pack
Side-to-side dividers	524	180	5	52-30384	10	38,00
Front-to-back div.	724	180	5	52-30385	10	70,00
Side-to-side dividers	524	120	10	52-30382	10	42,90
Front-to-back div.	724	120	10	52-30383	10	60,00

Label holders

Welded to container, protection for shipping documents and stock identification cards. Factory-fitted.



Label holders mm	Ref.no.	Pcs/ pack	Price/ pack
210 x 74	52-30386	1	1,10
210 x 148	52-30387	1	1,60

Document pockets MB

From transparent non-reflecting plastic; robust make, self adhesive.



Document pockets MB L x W mm	Ref.no.	Pcs/ pack	Price/ pack
175 x 105	MB ET	10	18,90
210 x 148	MBETDINA5	10	23,00

Drop-on lids

Will cover container stacks, can also be used to close individual containers



Dimensions L x W mm	Ref.no.	Pcs/ pack	Price/ pack
800 x 600	52-30500	1	22,90



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Compact storage | Easy relocation

Schubert & Salzer Feinguss Lobenstein GmbH

Precision casting

The Company

Schubert & Salzer Feinguss Lobenstein GmbH is a family run medium-sized company operating with the latest casting technology. Customers from more than 40 industries can choose among 150 standard and customer specific types and grades of steel to have their parts and components manufactured through lost wax casting (investment casting).



BITOBOX SL86 plastic containers in BITO PRO pallet live storage racking

Customer requirements

All materials are to be stacked in the most efficient and space saving way. At the same time, it must be ensured that sufficient rest times are observed for all materials before further processing. Direct access to the various steel alloys was an equally important requirement in order to avoid wasting time on finding the right product. Finally, the new plastic containers had to be appropriate for storage in roller conveyor lanes.



SL86 containers provide input material for production

Situation

Until recently, a buffer stock of cut steel to be remelted was kept in floor-stacked metal containers to serve as production input. However, block stacking is time consuming as individual stock keeping units are less accessible and, on top of this, it is extremely space intensive.

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Solution

- > BITOBOX SL86 Heavy duty containers
- > FIFO stock rotation in pallet live storage PRO + FlowStop load separator

Key benefits for the customer

■ Pallet live storage racking

- > Pre-cut steel quantities that have been fed into a lane first are picked first.
- > Compact racking design ensures a high degree of space utilisation.
- > No time consuming search for the required steel alloy in floor stacked bins and containers.

■ Heavy duty plastic containers

- > The SL86 with runners travels smoothly on roller conveyor lanes.
- > Durability and suitability for many requirements.
- > Low proper weight allows manual handling.
- > Snag-free surfaces make for easy cleaning.

The image shows a close-up, angled view of a complex industrial assembly. The main components are made of light grey metal, featuring various mechanical parts like brackets, flanges, and mounting points. These are arranged in a structured, grid-like pattern. Two prominent blue plastic strips run diagonally across the lower half of the frame, likely serving as guides or supports. Red circular elements, possibly rollers or fasteners, are visible at the bottom. The background is a plain, light grey surface. In the upper left corner, there is a white rectangular box containing the Schmersal logo and the company name.

 **SCHMERSAL**

Compact storage | Easy relocation | Versatility

Schmersal GmbH & Co.KG, safety technology

The Company

The Schmersal group, headquartered in Wuppertal, Germany, develops and manufactures some 25,000 mechanical and electrosensitive switching devices, which is the largest range in the world for the protection of man and machine. The product portfolio ranges from micro-switches and sensor-based solutions to heavy-duty switching devices.



Best operational performance with easy-to-handle dropdoor

Customer requirements

- > Excellent rigidity, long service life
- > Appropriate for all storage and handling requirements
- > Ease of handling as compared to mesh box pallets
- > Better volume utilisation



Instant product identification and immediate access

Situation

Until recently, the unfinished parts for the production of gearshift housing and levers from gray and malleable iron were moved to and within the production area in unwieldy heavy-duty metal containers with a considerable proper weight such as mesh box pallets. One of the disadvantages of the metal containers was they can only be relocated with a forklift truck or a hand pallet truck, even when they are empty. For this reason, the customer looked for an alternative container.

Solution

- > Heavy-duty container BITOBOX SL86 sized 800 x 600 mm
- > Ergonomic loading and unloading through the hinged drop-door

Key benefits for the customer

- Substantial gain of space in production and storage areas as the 800x600 mm format allows to fill small spaces.
- Space occupation can be additionally reduced by container stacking.
- Excellent wear and tear resistance, hence minimum need for repairs and constant availability.
- Empty containers can be moved without powered service vehicles.
- Compared to a mesh box pallet, two SL86 containers fit perfectly on a European standard pallet. As there are no projecting parts to this unit, it is suited for high bay storage.

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BITOBOX SL86 – in use

Heavy duty container sized 800x600 mm large volume container



... for order picking

- Wide drop-door allows easy product retrieval
- Drop-doors can also be opened when containers are stacked



... as production/assembly supply container

- Products can also be moved to workstations on a transport trolley
- To keep material handling as simple as possible



... to contain spills

- Closed sides and base
- Ideal for storing and transporting bottles, buckets, etc.



... for order picking from floor stacked containers

- Containers stack reliably and provide direct access to several product lines within a stacking block
- Fast and easy reconfiguration of stacking blocks
- Easy adaptation to account for modifications in the product range



... in premises with forklift truck operation

- Convenient relocation with a lift truck
- Runners are very robust and can be exchanged if required.



... for relocation with non-powered means of transport

- Great for work environments without powered service vehicles
- Easy to move with a hand pallet truck or a container dolly



... on roller conveyors

- Appropriate for powered conveyors and gravity conveyors
- Easy to integrate into Kanban scheduling systems for lean and just-in-time (JIT) production



... for product protection and content security

- Hinged two-part lid protects goods from unauthorised access
- Security-sealing is possible

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 Fax +49 (0) 67 53 – 1 22-382

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 www.bitobox.com



BITOBOX SL

Order your sample container at a special price!
BITOBOX SL86 (800x600mm)

Invoice address	Delivery address (if different from invoice address)
Company name	Company name
Address	Address
Postcode/Place	Postcode/Place
Contact person/E-mail	
Industry or sector/Number of employees	

Ref.no.	Description	Quantity	Price € / pack	Total €
SAMPLE SPECIAL PRICE	BITOBOX SL86	1 pce	half price	
CATALOGUE	PRODUCT CATALOGUE	1 pce	00.00	00.00
Thank you for your order!			Goods total €	

Terms of sale and payment: All prices are quoted in € and exclude VAT. Orders with a net value of more than € 200 are delivered free buyer's address within Germany, packaging is included. For orders with a net value of less than € 200, a shipping and handling flat rate of € 20 will be charged within Germany*. Contact us for our terms of delivery to other countries. We reserve the right to make price adjustments to account for fluctuations in material and labour costs, technical modifications and printing errors. All deliveries are subject to the BITO General Terms of Sale and Delivery only. Our products and services exclusively address professional needs in trade and industry. Ownership of the goods delivered shall remain with BITO until full payment has been made. Payment is due within 30 days from the date of invoice net cash or with a discount of 2% within 8 days from the date of invoice. These terms shall be governed by German law. The place of jurisdiction agreed by the Parties for all disputes arising out of or in connection with the present contract shall be the court of Bad Kreuznach.
 * The shipping and handling flat rate does not apply to sample containers.

Please contact us to arrange for a free on-site visit.

My telephone number: _____

Requested date: _____

Date Signature/Stamp

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...or how do you store?