

# KANBAN SHELVING SYSTEM

More small parts would be impossible!



Save space and time with an optimum combination of ultra-flat shelving and C-item bins

# BITO

*...or how do you store?*

## The new C-item bin from BITO unmistakable - extremely robust - versatile



### Safety rod

- The safety rod prevents the bin from being pulled out too far by accident while also allowing easy picking.



### Label holders

- A large label holder on the back of the bin is used to hold the Kanban cards.



### Front picking

- By simply sliding down the front window, smaller quantities of items can be easily retrieved while the bin remains on the shelf. The container base has an ample radius for easy component retrieval.



### Top picking

- For picking larger quantities, the bin can be pulled forward for ease of access – the safety rod and carrying handle prevents the bin from being pulled out too far. There is unhindered access to the contents from the top.



# The new BITO Kanban shelving system

## Cross dividers

- The cross divider permits the Kanban principle to be used within a single bin. The cross divider splits stored goods into two picking pools.

**25%**  
more storage  
volume

in comparison with  
conventional storage bins

## Product feeder panel

- Prevents small items from spilling out when the bin is tilted or the slide-down window is pushed down.

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## Slide-down window

- A robust handle on the slide-down window fulfils several functions simultaneously: It serves as carrying handle, area for labels as well as push and pull grip.

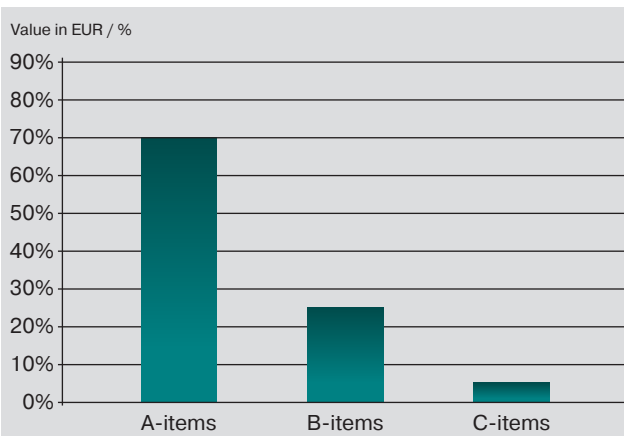
- The feeder panel can be tilted backward to let the desired quantity of items move to the front of the bin.

## What are C-items actually?

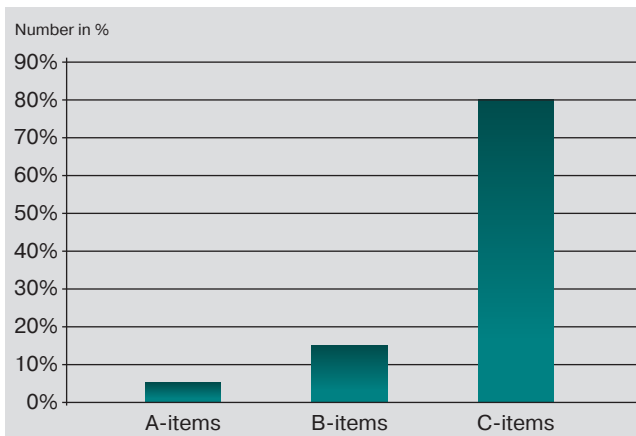
The term originates from ABC analysis, which among other things with inspections of the parts spectrum of a company according to their purchase value or by order frequency.

C-items are characterised by their high share of the part spectrum (~50-80%) and their low share of purchase volume (5-10%). In relation to their value, orders of these parts represent process costs that are proportionally high.

### Share of purchase volume



### Number of orders



### For example:

A 15-£ order for a C-item creates process costs nearly as high as a 10,000-£ order of an A-item – namely, an average of about £ 108.

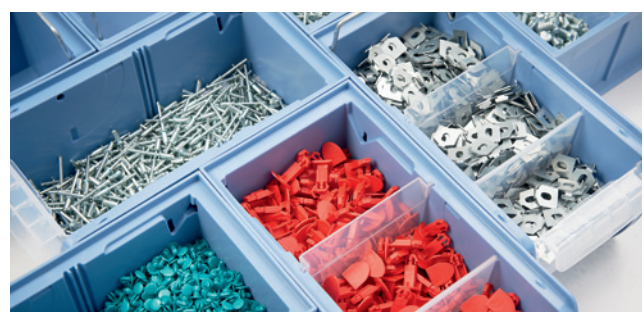
The savings potential in the C item range has less to do with the price, and more to do with order cycles and the process costs attached to them.

A significant method for process improvement is the self-regulating Kanban circuit, frequently in an interplay with external C-item service providers as well.

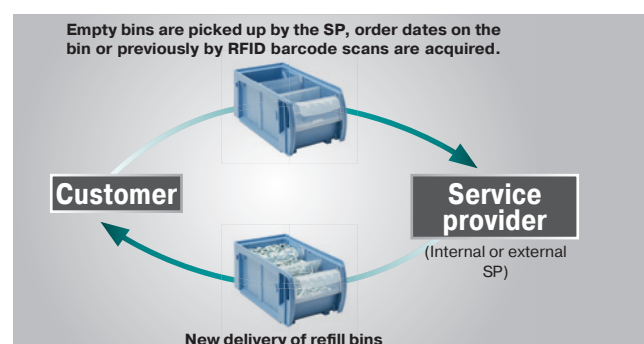
### C-item Kanban

Refill system, consisting of two bins that are stacked behind each other. Picking is done from the front bin, with the rear bin used for refill. When the front bin is empty, it is removed. The empty bin, or for example an RFID on the bin, triggers the order.

For a so-called single-bin Kanban, one bin is divided in the middle. Once the front bay is emptied, removing the cross divider can trigger the order, for example.



Typical C-items: Connecting components (example photo)



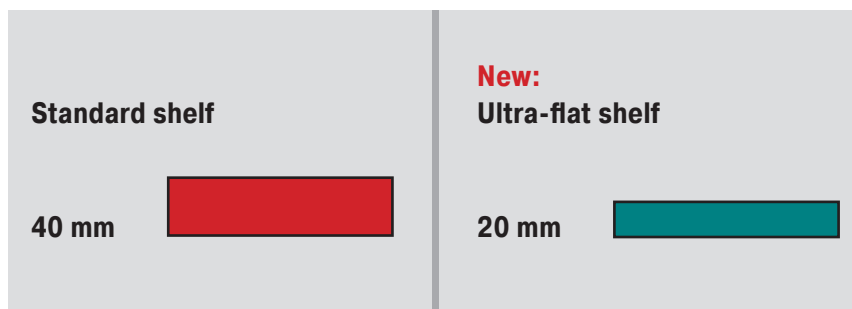
## C-items optimise provision!

In modern assembly processes a continuous material supply of small parts is an absolute prerequisite. Costs play just as important a role, so space costs and production areas must also be taken into consideration.

The BITO Kanban shelving system offers special advantages for the provision of C-items.

### Increase in item variety with compressed storage

Due to the new ultra-flat shelves, a bay with bins can provide up to 25% more items.

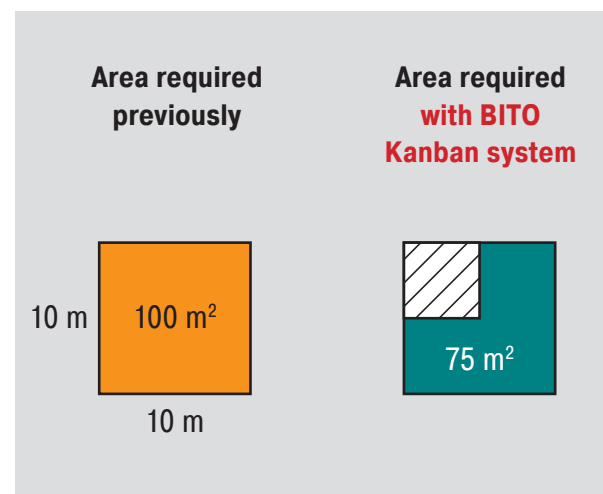
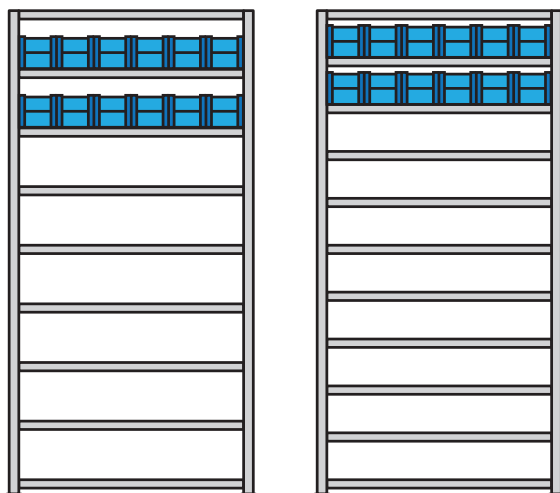


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Production areas are expensive and should be used productively.

■ Compact supply with ultra-flat shelving creates **25% more space for items!**

The compact supply of BITO Kanban shelving can **reduce space requirements by 25%!**



# The new BITO Kanban shelving system

## C-item shelving

More room for your bins - the flattest shelf available on the market



- Shelf load: 100 – 150 kg
- Bay load: 1,300 kg
- Shelf height 20 mm
- 25% more storage space
- Fast and easy assembly without bolts
- Extensions possible at any time
- Shelf levels adjustable in 25 mm increments
- All components galvanised
- Compatible with BITO standard boltless shelving of all types



Length of starter bay  
1,058 mm




Extension bay length  
1,008 mm

### Shelf length 1000 mm

Shelving height mm	Number of shelves	Shelving depth mm	Useful depth mm	Load per level kg	Starter bay		Extension bay	
					Ref.no.	Price	Ref.no.	Price
1850	10	324	300	100	53-33570	£185.00	53-33574	£150.00
		424	400		53-33571	£200.00	53-33575	£165.00
		624	600	150	53-33573	£325.00	53-33577	£190.00

### Accessories

Pos.	Description		Load capacity kg	For a shelf length of mm	For a useful depth of mm	Ref.no.	Price/ pce
	Ultra-flat shelves	High shelves 20 mm, compatible with BITO boltless shelving of all types, supplied with 4 shelf clips	100	1000	300	53-33582	£10.75
				1000	400	53-33583	£12.15
			150	1000	600	53-33585	£24.80



# The new BITO Kanban shelving system

## C-item shelving with bins

### Save space and time with the new BITO Kanban shelving



- Compact supply of C-items
- 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 10 shelves and 120 CTB bins

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Length of starter bay  
1,058 mm



Extension bay length  
1,008 mm

Shelving height mm	Number of shelves	Design	Shelving depth mm	Useful depth mm	Load per level kg	Shelf length 1000 mm			
						Starter bay		Extension bay	
						Ref.no.	Price	Ref.no.	Price
1850	10	single sided use	324	300	100	53-35117	£545.00	53-35121	£515.00
			424	400		53-35116	£610.00	53-35120	£575.00
		double sided use	624	600	150	53-35114	£1,050.00	53-35118	£1,020.00

## Accessories

Pos.	Description		Load capacity kg	For a shelf length of mm	For a useful depth of mm	Ref.no.	Price/ pce
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Info hotline: 02476 388852

# The new BITO Kanban shelving system

## C-item bins

The new C-item bins from BITO - unmistakable, extremely robust, versatile



### BITO-Plus







- Designed to fit standard shelving dimensions – no loss of space
  - Optional product feeder panel to prevent items from spilling out
  - Simply push down the window for picking smaller quantities without having to pull the bin forward
  - 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
  - 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

## C-item bins

Outside dimensions L x W x H	Interior dimensions L x W x H	Volume litres	Load capacity	Stacking load	Piece/ PU	Ref.no.	Price/PU	Price/PU
mm	mm	litre	kg	kg		<i>dove blue</i>	from 1 pack	from 10 packs
300 x 156 x 140	250 x 127 x 129	4.1	15	100	12	CTB31514	£45.00	£40.50
400 x 156 x 140	350 x 127 x 129	5.7				CTB41514	£48.60	£43.70

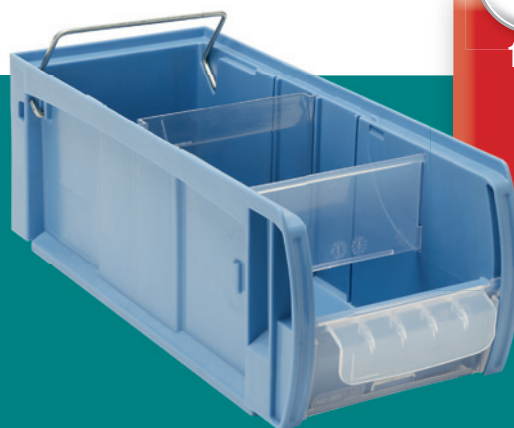


# The new BITO Kanban shelving system

Accessories				
	Description	Piece/ PU	Ref.no.	Price/PU
<b>Product feeder panels CDS</b>				
	Prevents small items from spilling out when the bin 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	£2.70
<b>Carry/safety handle</b>				
	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	£1.55
<b>Cross dividers QT</b>				
	Enables use of the Kanban principle within the bins; The cross divider splits goods into 2 picking pools	10	CQT1514	£4.10
<b>Carrier foil for stick-on labels</b>				
	Self-adhesive carrier foil for easy removal of stick-on labels from bin and container surfaces	100	KFCSS	£37.50

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**Test our C-item  
bins and see  
the top quality  
for yourself.**



**1 sample with accessories**

**free!**

**Order now.**

## The Kanban shelving system in practice:

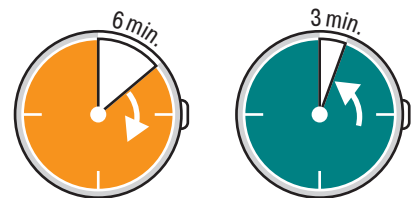
### Practical example: Visual inspection



#### > Simple visual inspection with transparent slide-down windows

Inventories must be checked regularly to guarantee continuous refill of C-items. To implement this process as time-effectively as possible, BITO-CTB has been fitted with large, transparent viewing windows allowing simple and reliable visual inspection. The labels used are always visible.

#### > The time required for inventory control is reduced with BITO C-item bins



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### Practical example: Safe transport | Stacking load



#### > Safe transport, for example on Euro pallets

BITO C-item bins can be transported in a space-saving way on a pallet. The surface area of a Euro pallet is used with outstanding efficiency. There are no projecting parts or overlap. Due to the bins' high stacking load, a maximum load capacity of up to 7 bins can be stacked vertically. This allows large numbers of bins to be moved when needed.



#### > 100 kg stacking load

#### > At maximum load capacity, 7 bins can be stacked on each other

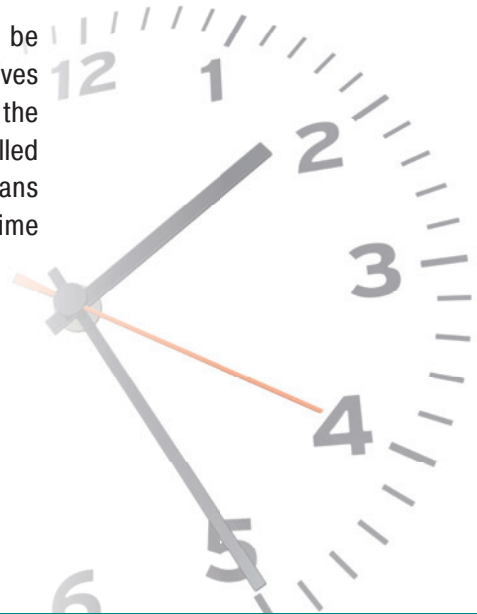
# The new BITO Kanban shelving system

## Practical example: Ergonomics



### > Simple, ergonomic picking when the slide-down window is open

The viewing window can be easily pushed down. This gives the picker free access into the bin. The bin need not be pulled out for retrieval, which means a significant increase in time savings.



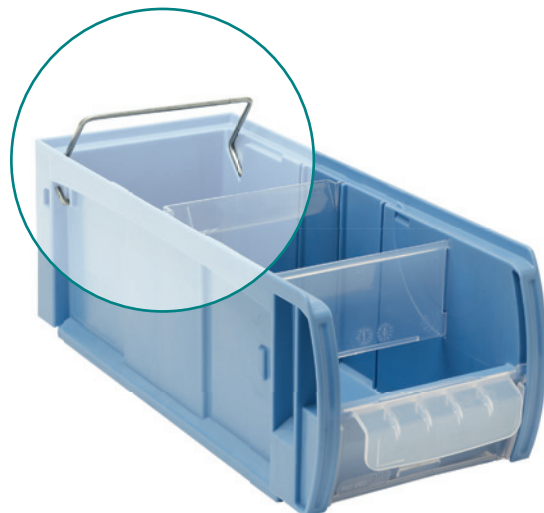
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## Practical example: Safety



### > A safety handle is used to secure bins without danger and pull them to the stopper

If larger volumes must be retrieved, picking from above ("top picking") is more practical than picking through the pick opening. The bin can be completely pulled out. The safety handle prevents it from falling.





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## C-item bins

**Invoice address**

Company name

Industry

Number of employees

Address

Postcode

Town/City

Contact person

Department

Phone

Fax

E-mail

**Delivery address (if different from invoice address)**

Company name

Address

Postcode

Place

**PU = Packaging unit**

Ref.no.	Number PU	Price £ / PU	Total £
<b>CTB 31514 – sample with accessories</b>	<b>1 piece</b>	<b>0.00</b>	<b>0.00</b>
<b>Thank you very much for your order!</b>		<b>Goods total £</b>	

**Terms of sale and payment:** All prices are quoted in £ and exclude VAT. Orders with a net value of more than £100 are delivered free buyer's address within mainland UK, packaging is included. For orders with a net value of less than £100, a shipping and handling flat rate of £10 will be charged. We reserve the right to change our prices to reflect price increases of raw materials and due to technical modifications. We do not assume liability for printing errors. All deliveries are subject to our Terms of contract, delivery and payment. All offers apply exclusively for industrial and professional demand. Ownership of the goods delivered shall remain with BITO until full payment has been made. Invoices are to be paid within 30 days net.

☐ Please contact us to arrange for a **free onsite visit**.

My telephone number: \_\_\_\_\_

Requested date: \_\_\_\_\_

**Thank you very much for your interest!**

**Date**

**Signature/stamp**