



## BITO Folding box EQ

A BIT OF  
PRODUCTS.



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**BITO**  
LAGERTECHNIK

# Our versatile folding box EQ is also suited for automated storage

Spacious and sturdy, the **BITO folding box EQ** can be used for multiple trips in distribution cycles. Once folded, it stores away and saves a lot of space. The box has already received several awards for both **functionality and design**. Folding reduces the box volume by up to 75% thereby contributing to the excellent price-performance ratio. The Euro-sized plastic boxes are lightweight yet strong, easy to clean and temperature resistant.

They are space-saving, versatile and can even be used in automated warehouses. Our competent in-house experts will be pleased to provide further information. Contact us today!



BITO Folding box EQ in use at BINDER

## Your benefits:

- ✓ Empty container nesting has a volume saving ratio of 1:4, thus saving space and money during empty storage and transport.
- ✓ EQ folding boxes feature a unique, simple and ergonomic folding mechanism.
- ✓ Ingenious yet simple tilt-lock mechanism developed in cooperation with leading ergonomists.
- ✓ Optionally available lift handles allow for ergonomic and easy lifting, pulling and carrying.
- ✓ The ribbed base and double base versions are also suited for automated storage.

# Award-winning BITO folding box EQ

- The box has already received several awards for both functionality and design.
- Our award-winning folding box is particularly space-saving during empty storage and transport (volume saving ratio 1:4), it is robust, ergonomic and easy to carry.
- It is also suited for automated storage.



reddot award 2016  
winner



Contents can be secured  
with a lid and security tags

**BITO EQs** are optionally available with permanently attached interlocking lid. For extra safety and to prevent unauthorised access, the lid can be locked with barcoded security tags.



A **BIT** OF YOUR LIFE.

# TAKE A (R)EVOLUTIONARY APPROACH TO MODERN HANDLING!

The folding box that really improves workplace ergonomics



## Tilt-lock profile

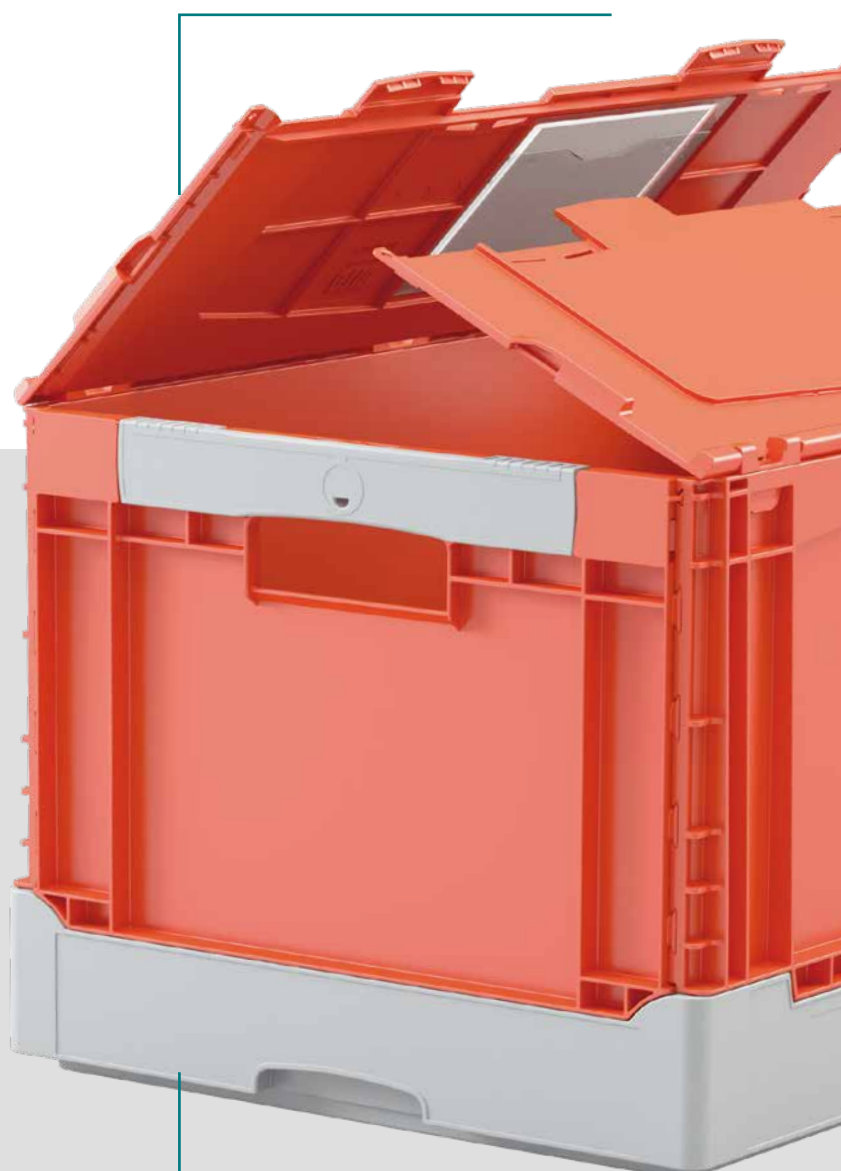
- Sides lock open with a simple push on the box shoulder
- Easy-to-operate tilt-lock mechanism prevents injury
- Developed in cooperation with leading ergonomists



## Fold-up handle

- Optional feature
- Convenient handling of containers without grip opening
- Safe lifting and carrying

Permanently attached **interlocking lid** on request; lids can be security sealed



## Base options

Standard single-layer base, ribbed base or double base

BITO FOLDING BOX	EQ 64281	EQ 64321
Dimensions	600 x 400 x 285 mm	600 x 400 x 320 mm
Internal dimensions	568 x 368 mm	568 x 368 mm
Load capacity	20 kg / 50 kg (double base)	20 kg / 50 kg (double base)
Stacking load	180 kg	180 kg
Material	Polypropylene copolymer (PPC)	Polypropylene copolymer (PPC)
Accessories	Drop-on lid (integrates into folded box stacks) • security seals • container dolly	
Volume	58 litres	65 litres



#### **Label holder, fitted inside**

- Optional feature
- Fitted inside, loss-proof
- Keeps container sides clean from sticky labels and glue residue
- Reduces cleaning costs

# Excellent ergonomics and handling convenience

## About the customer:

Erima is the oldest still existing German sporting goods company with over 115 years of experience in team sports. With increasing order volumes and limited storage capacities, Erima needed to expand their storage capacities. The new logistics centre in Kirchentellinsfurt operates with a custom designed fully automatic autostore system.

## Customer requirements:

The autostore warehouse with its packaging workstations in the goods-out area was to be connected with the shuttle-serviced buffer stock facility. Suitability for use with the shuttle system and the conveyor system. The boxes were to take up as little space as possible when empty. On the one hand, the space allotted for placing boxes at the autostore ports was limited and, on the other hand, empty boxes had to be stacked on pallets in the most space-saving way possible once the contents had been taken out at the packing stations.

## The BITO solution:

BITO supplied EQ folding boxes. Once unloaded and folded, they are extremely space-saving with a volume saving ratio of 1:4. The version with a reinforced ribbed base carries up to 50 kg which is great for handling heavy loads during storage and transport. At Erima, EQ boxes are used for in-house transport and order picking. Operation on conveyors is particularly quiet and the double base version can also be used in automated warehouses. The box withstands temperatures ranging from - 20 to +90°C. The simple and ergonomically designed folding mechanism is what sets BITO EQ boxes apart from competitor products.





## Customer benefits

The EQ box is ideally suited for in-house handling, i.e. goods can be handled safely and without risk of damage on conveyor systems. The quiet operation of EQ bins on conveyors creates a more ergonomic work environment. In addition, the possibility of reducing the volume to just one quarter of the unfolded volume saves an enormous amount of space and hence money during storage and transport. Erima uses EQ boxes in two colour variants. Grey EQ boxes serve as circulation containers. Orange boxes are used for easy identification of rejected goods intended for quality inspection. This colour choice rules out any possibility of mix-ups.

### WHAT OUR CUSTOMERS SAY:



The EQ is a great container that perfectly fits our system environment. It exactly meets our requirements.

**Christian Scholz**

Manager of the Erima Logistics Centre



WE TAKE THE TIME  
TO GIVE ADVICE.



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