

# DEMOUNTABLE TRUCK BED

B A S

## **CMT BAS – A SMARTER BASE MODEL**

CMT BAS is a series of demountable truck beds made of standard steel, but with a design that is far from standard. The result is a base model with significantly better durability and transport economy.



# A CONTAINER FOR REAL CONDITIONS

**CMT BAS is a smart choice if you are looking for a stable base model. The series is made to handle the rough treatment that a container often experiences on, for example, construction sites or recycling centres. The design provides both increased durability and better transport economy.**



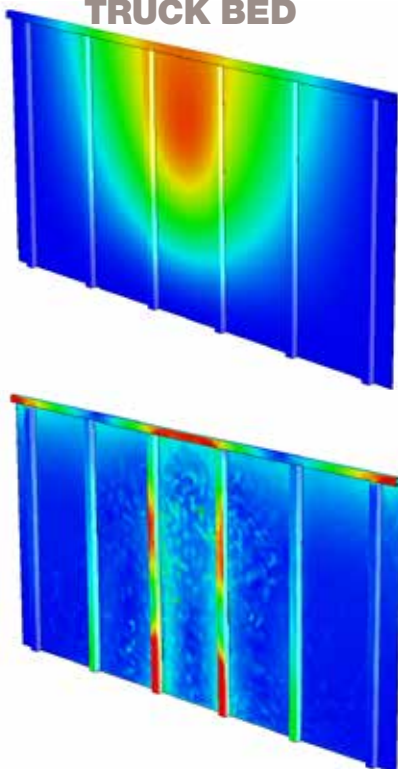
Containers in the BAS series have an extra-strong top edge-line that can resist heavy forces during loading and other types of handling. The sidewalls are flat, without unnecessary projections that can easily be damaged, and both the sides and the bottom have a slight curvature. This makes it strong and shock-absorbing design.

The absence of projections means that the bed enjoys a lower weight of its own, while the flat sides cause less wind resistance. Both theoretical models and practical assessments show that fuel consumption can be lowered by up to 10% in comparison with conventional demountable beds with standing side profiles. The fact that the flat walls also provide room for advertising is a bonus.

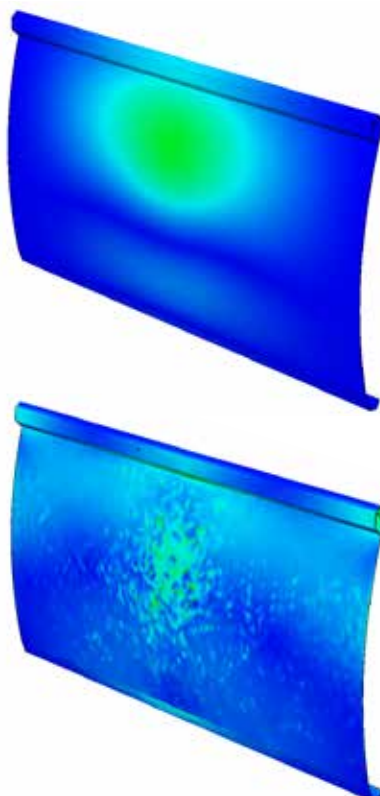
The BAS demountable truck bed is available in sizes starting at 14 cubic meters, and can be equipped with a variety of different roof solutions, doors, and back hatches – all with a high degree of finish and robust mechanics.

## STRENGTH IN COMPARISON

### CONVENTIONAL DEMOUNTABLE TRUCK BED



### CMT BAS



The free surfaces in the BAS design offer better shock-absorbance, while the curved panels distribute forces in different directions. Here, CMT BAS is compared to a demountable bed with standing side projections. The bed's side is loaded with 5 tonnes of force from inside.

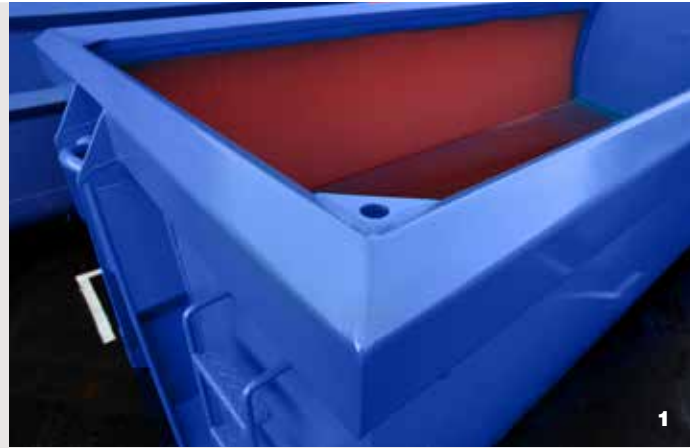
### DEFLECTION

Since CMT BAS does not have any standing side projections that cause a lock-in effect, the pressure can be spread across larger surfaces. In this way, the deflection effect can be more than halved.

### LOADING

The absorbent design means that point-loading of CMT BAS is reduced by two-thirds. CMT BAS is thus able to handle significantly larger forces than conventional beds.

# DETAILS UP CLOSE



- 1** An edge-line that holds its form is decisive for all demountable truck beds. We have therefore designed a special profile for CMT BAS, taking into consideration the large forces that arise during handling and loading.
- 2** The demountable bed frame is manufactured as a free-standing part in the design. The frame is rated for 18 tonnes of total weight, and this guarantees that the whole construction enjoys a stable and functional base.
- 3** All of the details of the CMT BAS have been carefully developed with a focus on function and user-friendliness. Moveable parts are to the greatest possible extent maintenance-free, with self-lubricating bushings and bearings as needed. Ladders and catwalks are standard – well-dimensioned and equipped with skid-free surfaces.
- 4** We place great importance on quality in production. Many of the parts are auto-welded, and sand-blasting and painting are carried out in ultramodern facilities. The result is a high-quality product to which we add a two-year manufacturer's guarantee that includes the finish.
- 5** BAS demountable truck beds can be combined with many different roof coverings. With the biggest product assortment on the market, we offer both covers and openable roofs in a wide variety of configurations. Many of the solutions can be easily controlled from the ground. What's more, CMT's openable roofs can be equipped with electronic, pneumatic, or hydraulic systems – all to reduce the need for manual handling when being opened or closed.

## CMT BAS COMES IN THREE BASIC CONFIGURATIONS:

- **BAS** is the basic model in the series, with 3 mm side panels and 4 mm bottom panels made of quality grade S355. This is a model that can effectively handle all the demands placed on collection units in the recycling industry.
- **BAS-S** is appropriate for scrap handling. An upgraded steel quality on the bottom and in the sides achieves 40% greater strength, without increased weight.
- **BAS-L** has the same strength as the basic model, but weighs 20% less. It achieves greater payloads and better transport economy.

## DO YOU WANT TO GET MORE OUT OF EVERY HAUL? WELCOME TO CMT.

When you choose a bed from CMT, you can always count on high quality and good transport economy. For over 20 years, we have developed cargo carriers that achieve more efficient transport with increased profitability – all to help freight haulers and other transport operations get as much as possible out of their efforts.

CMT welcomes customers of all sizes, and offers both demountable truck beds and fixed designs. We offer great solutions for financing, and because a bed is an investment that should be profitable for a long time, we have also created a unique insurance policy for demountable truck beds. A requirement for successful results is a bed that exactly fits your needs.

Just call or send a mail, and we'll help you to find the right solution. If you want to know more about CMT or to take a closer look at our product lines, please visit us at [www.cmt.se](http://www.cmt.se)



*Containing the future*



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