



Technical data sheet

Cargo supply trough



Manufacturer

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Metal goods manufacture and distribution
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Product description

The Cargo product is a supply channel with integrated expansion joint for the distribution of power, IT and water lines. The bulb plate cover is designed as a heavy-duty grating.

Load class

The channel is designed for a 10 t wheel load.

Dimensions

The gutter is supplied with the following dimensions.

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<u>View width</u>	<u>Inside width</u>	<u>Overall height</u>	<u>Interior height</u>	<u>Raster width</u>
460 mm	320 mm	210 mm	157 mm	400 mm

The standard channel length is 3,000 mm.

The channel is available in stainless steel (V2A) and hot-dip galvanised steel. The thickness of both materials is 3.0 mm.

At the customer's request, all dimensions can be modified and supplied as custom-made products.

The heavy duty grate Cargo has the following dimensions

<u>Standard length</u>	<u>Total width</u>	<u>Total height</u>
500 mm	400 mm	53 mm
1.000 mm	400 mm	53 mm

The heavy-duty grating is made of hot-dip galvanised steel.



Accessories

- end pieces made of stainless steel (V2A) and hot-dip galvanised steel

Materials used

We use only European material from Germany, Sweden, France and Italy for our products.

Material specification channel body

Stainless steel V2A (1.4301) or hot-dip galvanised sheet steel

Material thickness: 3 mm

Processing and care instructions

The integrated expansion joints are made possible by the two-part construction of the channel bodies. The screwed channel segments along the joint as well as the spacers, which also serve as installation handles, are loosened after the concrete floor has been placed

The combination of screw connections and threaded pins enables simple, quick and millimetre-precise height adjustment of the channels via feet. The feet are connected to the perforated plates on the sides, which serve as anchors in the concrete floor during installation.

Our installation instructions apply.

The supply channels can be cut to size. However, it must be ensured that the cutting medium (e.g. *saw blade, cutting disc, etc.*) is absolutely clean or has no components of other metals, otherwise corrosion may occur. All interfaces (*hot-dip galvanised steel*) must be cold re-galvanised. In general, we recommend custom-made products ex works, as these are properly galvanised afterwards.

Dust particles of other metals or general cutting of components with flying sparks on the product are generally to be avoided. If dust particles or soiling of other metals are present, these must be removed immediately with appropriate cleaning agents.

Cleaning the gutters must not be done with strong acids or bases, but by hand with a broom or, if necessary, with a high-pressure cleaner.

Further installation & usage instructions as well as information on the material can be found under:

<https://www.richard-brink.de/downloads/gesamtuebersicht.html>