



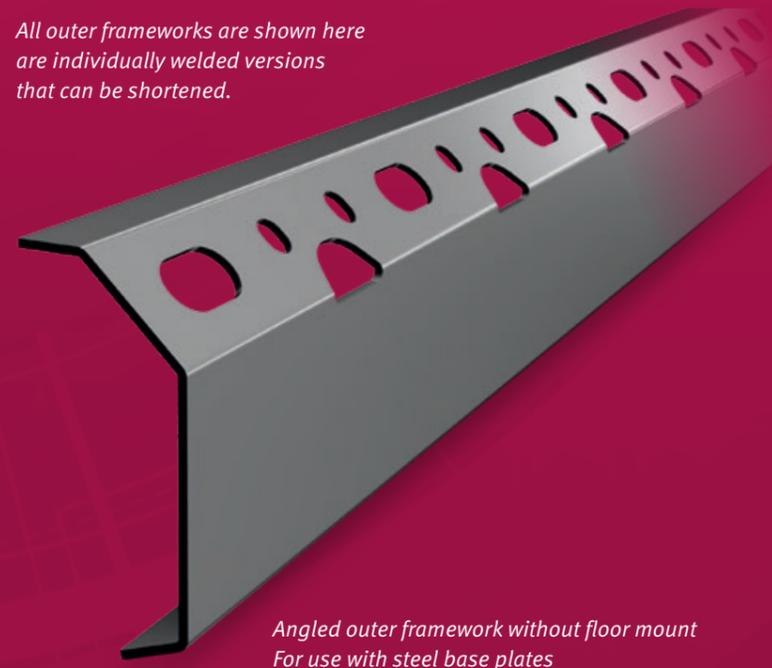
VarioPARTS

Perfect individual components

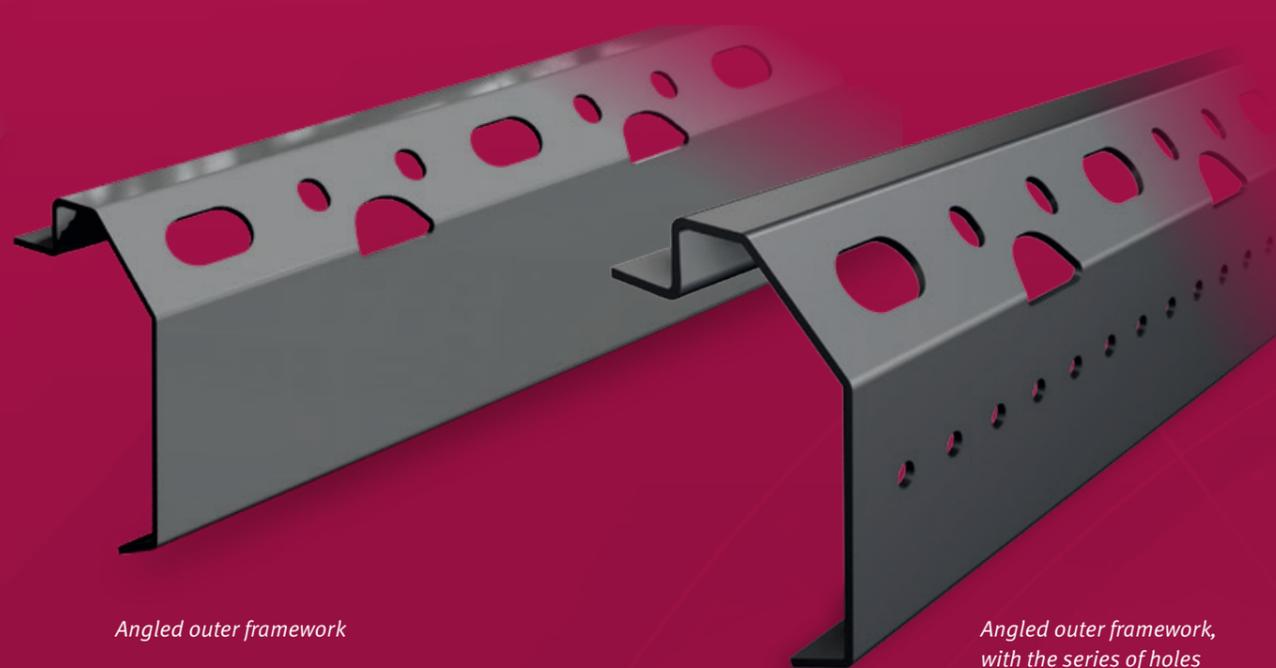


powered by
VarioSOLUTIONS

All outer frameworks are shown here are individually welded versions that can be shortened.



Angled outer framework without floor mount
For use with steel base plates



Angled outer framework

Angled outer framework,
with the series of holes



Outer framework
lashing bracket

VarioPARTS: Perfect individual components

Structural components & cargo securing elements

We list our most popular structural vehicle components and our friction-locked cargo securing elements under VarioPARTS.

Because if our VarioFRAME kits somehow do not meet all your requirements, it is now possible for you to take advantage of this development in your individual projects as well.

All products have been developed in a practice-oriented way, are sturdy and have sufficient dimensions. When using our components for the load-bearing structure of the floor assembly, this is even certified according to DIN EN 12642 Code XL Annex A.

Take advantage of short delivery times. We keep these components constantly in stock for you and they can be retrieved at short notice at any time. You will benefit from our wide range of products, all the different possible variations available and our competent advice.

Outer framework

We also offer our well-known “lashing bracket” type and “inclined outer framework” type outer framework profile in lengths optimised for manufacturing and shipping. The profiles are made using fine-grain S355MC steel and precisely edged. The position of the cut-outs and openings is not left to chance. Everything is located where the driver needs it. The number of possible lashing points far exceeds the requirements of DIN EN 12640. You can receive both outer framework types with or without the series of holes on the side for cross-member assembly. As a result, this provides the freedom for every kind of combination with our components from the screw kits.

And of course this includes the installation of our interlocking VarioSAVE cargo-securing system.

The two outer frameworks (with the series of holes on the side) can only be combined with our impact protection, and combined impact protection and the certified pallet stop bar by using screws. They are also available with a 2 mm wall thickness for light vehicles up to 7.5 tonnes GVW.

Quality and variety for practical purposes!

Different floor recesses: 0, 27 and 40 mm

Angled outer frame

The ingenious openings allow you to secure the cargo quickly. The upper or inner row allows you to mount a lashing strap with closed side walls.

The lower or outer row allows the side wall to be closed when securing goods that take up the whole cargo width. On each row there is a lashing point every 400 mm.

Of course, the outer framework profile and the lashing points are certified up to 2,500 daN in accordance with DIN EN 12640.

Optionally, you can also equip this outer framework with our lashing brackets every 400 mm.

Outer framework for lashing brackets

The profile offers the possibility of using a lashing bracket every 130 mm and is, of course, also certified up to 2,500 daN in accordance with DIN 12640.

This outer framework can also be retrofitted with a screwed steel pallet stop bar. This also comes with lashing points for up to 2,000 daN in accordance with DIN EN 12640. This does not mean you have to make do without the standard lashing brackets.

Pallet stop bar and lashing brackets can be installed in sections.

Front and/or rear carrier,
compatible with our
VarioFRAME mounting parts



All VarioPARTS components
are compatible for assembly with
VarioFRAME components

Standard cross member



VarioSAVE cargo securing traverse
with flange profile,
Compatible with VarioFRAME kits

Weight optimisation and high-precision fit



Vehicle structure with VarioPARTS outer framework
and welded impact protection

Front and/or rear carrier

The endcarriages are weight-optimised on the one hand, but are made of 8mm fine-grain steel at the crucial points. Enormous forces can be introduced at these corners through the stanchions.

All flange profiles for combining with our attachments are available, which is why, for example, our Curtain-Sider kit and our platform kits fit perfectly with the floor assembly.



Vehicle construction using VarioPARTS components

Cross member

The floor assembly is now complete in combination with our cross members, outer frameworks and end-carriages. Our standard cross member for welding is 80 mm high and produced out of 4 mm fine-grain steel S355MC.

Again, you can choose between cross members with flange plates – for screwing onto our outer framework with a row of holes – or cross members without flange plates for welding.

With both versions you will find the usual hole pattern across the entire width for mounting accessories and attachments, such as:

- VarioSAVE – longitudinal beam
- lashing bracket through the loading area
- fixers for side wall stops
- tool boxes
- tanks
- etc.

VarioSAVE – cross member

With our cross members to be screwed or the cross members from the 100.0150.xxxxx series, there are endless possibilities for the floor assembly. All of this can be combined with our mounting kits if required.

We have everything you need!

You can combine our screw kits with the welding components. You can decide where it makes more sense to screw or weld.

Upon request, we will deliver the logically-sorted mounting kits with the other parts.

We will be happy to advise you on the optimal configuration!

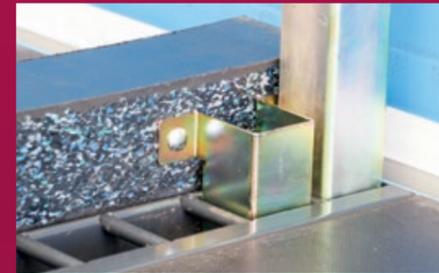
Our experience will guide you when it comes to assembly and cost optimisation.



VarioTAIL-butterfly valve



Loading beam 120 x 100 mm or 100 x 80 mm, with certificate for coefficient of sliding friction



Optional with loading area fixings in the VarioSAVE system



Floor lashing rail Vario-O

Flexible solutions for your individual project

VarioTAIL, the mounted butterfly valve

Compatible with Versus-Omega sliding roofs, our butterfly valve offers functionality at excellent value for money. Lightweight construction materials with anodised aluminium profile edging, a sturdy hollow sealing system and chrome-nickel fittings make the butterfly valve unique on the market.

Because the complete flap mechanism is fastened to the rear panel and not to the hood's rear header, as is the case with our competitors, the flap can be easily adapted to almost any other hood without our hood system or rear panel.

Cargo securing

In addition to VarioSAVE, our successful, award-winning interlocking cargo securing system, we also supply VarioPARTS loading beams.

In addition to the VarioSAVE stanchion system, the TPE-coated beam saves additional time when securing cargo. Of course, the loading beam also saves valuable time on vehicles without VarioSAVE equipment.

Thanks to the coating's "anti-slip finish", there is no need to put down the anti-slip mats, which usually takes time. Thanks to the beams' cross section, they can be unloaded simply using a fork-lift truck.

Of course you will also receive a certificate with our loading beams (e.g. steel $\mu=0.60$ according to DIN EN 12195-1).

Floor lashing rail Vario-O

The lashing rail to be inserted flush in the vehicle floor enables a considerable improvement of the lashing angles and low lashing forces as a result.

Because the attachment of the lashing straps on the outer framework only allows for flat lashing angles with low forces. The Vario-O floor lashing rail's product layout allows the user to attach straps in a variety of angles and directions centrally every 250 mm. You can use straps with double pointed hooks and/or with carabiner hooks.

Our floor lashing rail is certified according to DIN EN 12640. When using our cross members and endcarriages you can also use the Vario-O screw system for this, reducing installation times even further.

Quality & variety for practical purposes!

Complete, efficient and cost-effective

As always, we have thought our "kit and cargo securing" combination through thoroughly!

Whether it's screwed, welded or a combination of both.

Advantages

- this is the only way to set things up efficiently and cost-effectively
- this is the only way for the vehicle operator to get a complete solution, and to save a lot of time when securing cargo

**ELTING Geräte- und Apparatebau:
Know-how and quality made in Germany!**

ELTING has been active in metal working for over 80 years and is now one of the market leaders in this sector.

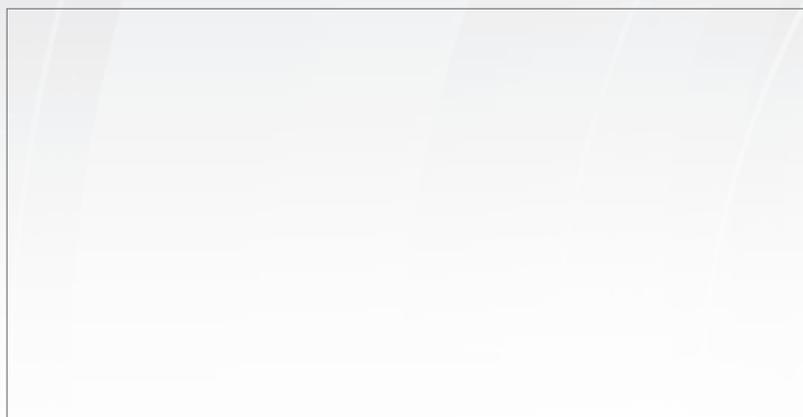
As one of four core areas of the intelligent vehicle construction solutions, VarioSOLUTIONS, VarioSAVE won the Innovation Award in 2010 and has become an important component of numerous trucks.



VarioSOLUTIONS
Intelligent vehicle construction solutions

VarioSOLUTIONS from ELTING stands for intelligent and innovative vehicle construction components such as the VarioFRAME modular system, which has already been presented in detail.

The overall brand also includes the VarioSAVE cargo securing system, the versatile VarioPARTS components and our comprehensive range of services called VarioSERVICE.



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