Aluminum system solutions.
For truck bodies.
Years of close cooperation with our customers to meet their high standards and requirements have made us into specialists for aluminum fabrication for trucks.
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Our range
Our range

Aluminum sections, sheet/plate, sides/tailgates and dump bodies – with this wide range of products Fudickar Leichtbau has been a leading supplier to truck manufacturers for many years.

As well as a comprehensive range of aluminum parts, we also offer complete ready-assembled solutions such as dump bodies, sides/tailgates, chassis frames and platform bodies.

Our focus is to continuously enhance and expand our range of aluminum systems, parts and services in line with constantly rising customer requirements. Cost-efficient solutions and consistent on-time delivery are top priorities.


Our cooperation with you is a partnership of equals. We attach great importance to dialogue, because we don’t just want to talk, we also want to listen. We want to work with you to think through your problems again and again until we find the ideal solution. It’s the close relationships we build that make the difference.
Aluminum system solutions at a glance

Dumper section systems
- Fully fabricated bodies for the transport of construction and recycling material as well as swap bodies for walking-floor and chip trailers and agricultural vehicles

Chassis frame sections
- Fully finished customized chassis frames matching our dump body systems

Dumper platform gate sections
- Systems for pallet-broad vehicles or for tightened walls
- Ready-to-fit in riveted or welded construction or for standard accessories

Platform gate section systems
- Customized lengths, made of our own aluminum section systems, up to complete platform gates

Platform systems and box sections
- Aluminum sections for platform-systems and floorprofiles in 30 or 40 mm

Accessories and finished products
- High-quality locking systems and structural-design technology for trucks and trailers from reputable manufacturers
- High security for personnel, vehicle and freight is assured by loading aids, cargo securing devices and protection systems

Special and custom sections
- Together with our customers we develop concepts all around vehicle manufacturing and implement the ideas in ready-to-use aluminum sections
- The approved structural sections can be applied in several ways as standard or custom shapes
Solutions for dump bodies and chassis frames

Fudickar Leichtbau has been adepted in the construction of aluminum dump bodies for more than 35 years now.

In this period not only the type of the dump body has changed, but the construction method and production process have also altered. By constant enhancements and the incorporation of new types, Fudickar Leichtbau possesses modular systems which can be tailored to any particular needs. Based on modern CAD construction, the enterprise closely cooperates with its customer, using an electronic data exchange. The fabrication is effected with welding machines in a semi-automated manner. At this, Fudickar Leichtbau solely employs aluminum alloys with high wear resistance.

Technical facilities of dump bodies
- Heating floor
- Hook locking system
- Grain slide
- Thermal insulation
- Scoop for hydraulic cylinder
- Roof bows
- Work platform
- Pendelous portal
- Roof panel
- Coil recess
- Locking devices
- Dropped floor section
- Wear plates
- Rubber-bonded metal plates
- Crane aperture
- Partition wall
- Tommy screws
- Wing doors
- Fasteners for tarpaulin
- Side doors
- Rubber gasket
- Tie-down rings
Solutions for dump bodies and chassis frames

Dump body HPR 50

The dump body is appropriate for bulk material such as sand, gravel, crushed stone, soil, bitumen and many others. Not suitable for heavy breakup materials.

Available in light and reinforced version.
Volume: 12–35 m³.

Specifications
- Side panel with 50 mm hollow sections
- Internal wall of side panel is 2.8 mm or 4 mm, also combinable
- Strong top and bottom side rail, top side rail is flushed with the wall inside
- Indine or vertical front wall
- Front wall made of sheet with a thickness of 5 mm
- Bottom thickness: 5, 6, 7, 8 or 10 mm
- Top hung reargate as surface or internally mounted
- Internally reargate with full-length bottom
Solutions for dump bodies and chassis frames

Dump body HPR 40

The dump body is appropriate for bulk material such as sand, gravel, crushed stone, soil, bitumen and many others. Not suitable for heavy breakup materials.

Available in light and reinforced version.
Volume: 12–35 m³.

Specifications
- Side panel with 40 mm hollow sections
- Internal wall of side panel is 2.8 mm or 4 mm, also combinable
- Strong top and bottom side rail
- Indine or vertical front wall
- Front wall made of sheet with a thickness of 5 mm
- Bottom thickness: 5, 7, 8 or 10 mm
- Top hung reargate as surface or internally mounted
- Alternative applied chute
Large-size dump body 40 HPR

This dump body is suitable for light bulk material such as wood, grain, turf, ashes, wood chips, but also for palleted goods.

Available in light and reinforced version.
Volume: 35–75 m³.

Specifications
- Side panel with 40 mm hollow sections
- Internal wall of side panel is 2.8 mm or 4 mm, also combinable
- Strong top and bottom side rail
- Indine or vertical front wall
- Front wall made of sheet with a thickness of 5 mm
- Bottom thickness: 5, 7, 8 or 10 mm
- Surface mounted reargate with gasket
- Combination single or double wing door
- Can optionally be equipped with a pendulous frame
Dump body HPR 30

The dump body is appropriate for bulk material such as sand, gravel, crushed stone, soil, bitumen and many others. Not suitable for heavy breakup materials.


**Specifications**
- Side panel with 30 mm hollow sections
- Internal wall of side panel is 2.7 mm or 3 mm
- Strong top and bottom side rail
- Indine or vertical front wall
- Front wall made of sheet with a thickness of 5 mm
- Bottom thickness: 5, 7, 8 or 10 mm
- Top hung reargate as surface or internally mounted
- Alternative applied chute
Large-size dump body 30 HPR

This dump body is suitable for light bulk material such as wood, grain, turf, ashes, wood chips, but also for palleted goods.

Volume: 35–75 m³.

Specifications
- Side panel with 30 mm hollow sections
- Internal wall of side panel is 2.7 mm or 3 mm
- Strong top and bottom side rail
- Indine or vertical front wall
- Front wall made of sheet with a thickness of 5 mm
- Bottom thickness: 5, 7, 8 or 10 mm
- Combination single or double wing door
- Can optionally be equipped with a pendulous frame
Walking floor body 30 SB

The body is appropriate for grain, turf, ashes, paper, waste material and palleted goods.

The body is ready for the floorsystem “Cargo Floor”. Volume: 35–90 m³.

Specifications
- Side panel with 30 mm hollow sections
- Internal wall of side panel is 2.7 mm or 3 mm
- Strong top and bottom side rail
- Front wall consists of sections with a width of 30 mm
- Combination single or double wing door
Half pipe body 100 RM

The dump body is appropriate for bulk material like sand, gravel, crushed stone, ground, bitumen and many others. Not suitable for heavy breakup materials.

The loading slips off in a well-centered fashion. The top side rail is extremely stable. The body consists of two lateral sheet walls and a bottom splash. While the rear wall is made of hollow sections, the front end wall consists of sheet.
Volume: 12–23 m³.

Specifications
- Side panel is made of sheet and reinforced at rear end
- Thickness of side panel is 5 or 6 mm
- Very stable top side rail
- Indine or vertical front wall
- Front wall made of sheet with a thickness of 5 mm
- Bottom thickness: 6, 7, 8 or 10 mm
- Surface mounted or internal railgate with rubber gasket
- Combination single or double wing door
- Maximum height: 1,700 mm
- Maximum length: 8,500 mm
Swap body WBT

Interchangeable body, manufactured according to the construction method using frames and sheets, is available in different sizes: 20’, 30’ and 40’.

The bodies are accredited according to UIC 592-4 for the combined traffic on roads and railway tracks. The inner walls are plain. The roof bow is removable, so the dump body can be loaded easily at the rear.
Volume: 36–75 m³.

Specifications
- Side panels made of sheet with frame sections of 45 mm width
- Thickness of side wall is 5 or 6 mm
- Strong top and bottom side rail
- Sheet front wall with a thickness of 5 mm including reinforced sections
- Floor pan: 100 mm
- Bottom thickness: 8 or 10 mm
- Certified corner castings made of aluminum
- Combined double wing door made of sheet
- Two external cam locks
- Optionally available with two grain slides
Chassis frames

Chassis frames made of firm aluminum alloys. The base frame consists of two chord plates and is automatically welded to a web sheet.

Available as frame rail or complete frame. Lengths: 6,500–13,600 mm.

Specifications
- Chassis beam chord plates in 170x15, 200x15 or 200x20 mm
- Web sheet in 8 or 10 mm
- Height of frame rails: 80–560 mm
- Stable crossmembers
- Fifth-wheel plate made of steel without kingpin
- Fastener for seat post
- Optionally available with tiltable bracket for swap body
Customized constructions/components

The different dump body systems can be combined, quite naturally, for many specific purposes. In cooperation with its customers, Fudickar Leichtbau also offers customized structures for special demands. This includes machined assembly sets as well as several components of the body types, too.

Here a small selection
- Coil carrier
- Multichamber container
- Dump bodies for the transport of glass
- Container for paper/trash compactors
- Two-way-tipper
- Side panels for segmented mould troughs
- Front walls
- Reargates
- Other containers
- Loading assisting systems
- Casing

If you have a special task for us, we are looking forward to hearing from you.
Platform gate systems

For many years, Fudickar Leichtbau has been supplying various types of fully assembled platform gates according to customer’s special requests.

From solutions for passenger car trailers and small-size platforms to finished platform gates for semitrailers and dumpers.

The standard range includes various types of walls with a thickness of 20, 25, 30 and 40 mm (for dumpers also reinforced to 60 mm). For special beverage bodies we stock sections up to a length of 8,300 mm.

Platform gates are available with different types of surface finish (mill-finish, anodized or powder-coated). It’s customer’s decision to order side panels with single, individually coated sections for better corrosion protection, or the complete wall in powder-coated primed or RAL-finish.

The strength of Fudickar Leichtbau lies in its customized production processes, which allow us to meet individual and very specific requirements of our customers. This includes window apertures, tarpaulin lugs and the performance of all welding processes.
Platforms
- From 25 or 30 mm hollow sections
- Low-cost snap-section solution for series platform gates
- Tie-rod construction for robust applications
- Tried-and-tested locking and hinge systems (e.g. Hestal, Kinnegrip or Rapid)
- Optional surface finish: powder-primed, with RAL-final colour or anodized

Dumpers
- Platform gate for light-weight dumpers, 30 and 40 mm
- Platform gate for heavy dumpers with reinforced top and bottom section
- Swinging and hinged
- Welded execution
- Optional surface finish: powder-primed, with RAL-final colour or anodized

Beverage bodies
- Platform gate length up to 8,300 mm
- Available as tie rod or snap section type wall (25 mm)
- Optional surface finish: powder-primed, with RAL-final colour