

LASER CUTTING.

Individual. Precise.

This long-established accurate technology makes possibly required rework due to thermal distortion unnecessary and offers

- Low thermal distortion and small heat-affected zone despite thermal cutting
- Free selection and changeable part geometry, absolutely no arising tool costs
- True to gauge, ready-to-fit parts, nearly square cut edges, free of oxide in stainless steel
- Simplified subsequent processing in your company by marking the parts or attaching subsidiary lines / points with a laser engraver

Technical details.

Format: up to 2,000 x 4,000 mm

Sheet gauge: Stainless steel: up to 30 mm
Steel: up to 25 mm
Aluminium: up to 15 mm

Subsequent processing: Drilling, thread cutting, edging, rolling, chamfering, welding work in company possible



Do you have any questions regarding our laser cutting services?
Please contact Alexander Caspari: a.caspari@albrecht-dbb.de



PLASMA CUTTING.

Perfectly. Separated.

This clean and highly flexible separation process offers

- Cost-efficient thermal cutting
- Unproblematic cuts on large sheet gauges
- Low wastage – especially when compared to bar stock
- Reduced use of material by using intermediate gauges

We also offer a 24 h service.

Technical details.

Format:	up to 2,500 x 6,000 mm
Sheet gauge:	Stainless steel: up to 100 mm
	Steel: up to 40 mm (plasma-burning)
	up to 100 mm (autogenous burning)
Intermediate gauges:	of 16/18/22/26/28/32 mm in stock
Dry cutting:	from 3 to 120 mm
Underwater plasma:	up to 50 mm
Authorised to reissue stamps by TÜV:	3.1 and 3.2 according to DIN EN 10204 along with in-company US test

Do you have any questions regarding our plasma cutting services?
Please contact Alexander Caspari: a.caspari@albrecht-dbb.de



ALLES. GUT.



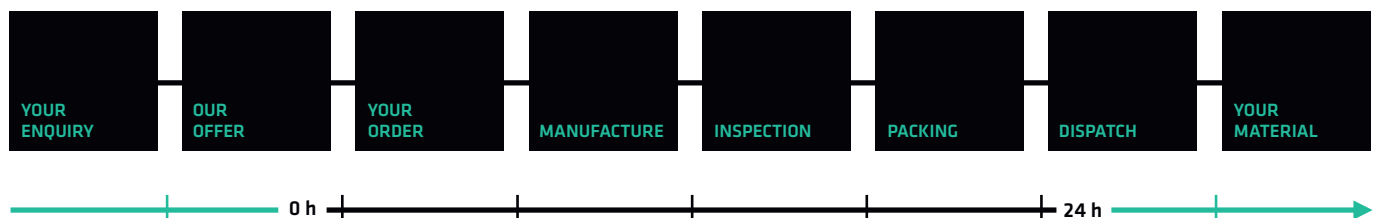
24 H PLASMA CUTTING SERVICE.

Highest quality. Over night.

If things have to be done quickly without compromising on quality, the sheet-metal workers at Albrecht are the right partner for you. Our special 24 h plasma cutting service offers you uncomplicated next day delivery of the required cut.

In 5 steps to your plasma cut, this is how our 24 h service works:

1. You send us **your enquiry** together with a drawing
2. We check immediately whether we have the corresponding **material in stock**
3. We send you a **binding offer**
4. After confirmation of your order we will immediately start with the **manufacture**
5. Your material will be **cut, inspected and ready for dispatch** after 24 hours at the latest



Do you have any questions regarding our 24 h plasma cutting service?
Please contact Alexander Caspari: a.caspari@albrecht-dbb.de



ASSEMBLY PRODUCTION.

Tailored components. For your installations.

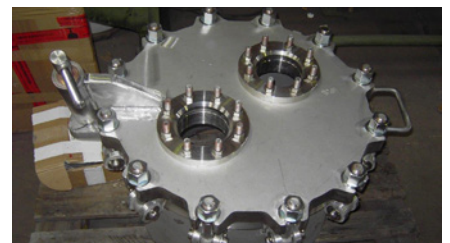
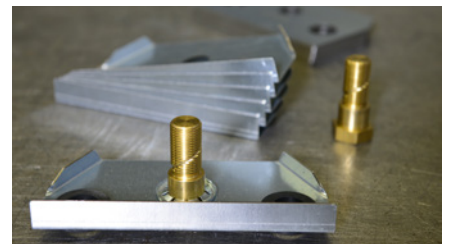
We offer cost-efficient and time-saving manufacture of assemblies optimally tailored to your installation. From planning to construction to installation we offer professional solutions under one roof

- Mechanical processing and welding
- In-company manufacture of cuts
- Assembly, stitching, welding
- Final assembly
- Commissioning of complete parts lists
- Assembly and commissioning of component kits

The products.

- | | |
|-------------------------------|-----------------------------------|
| ▪ Flanges with attached frame | ▪ Complete manholes and handholes |
| ▪ Pre-assembled assemblies | ▪ Stitched components |
| ▪ Tube sheets | ▪ Special flanges |
| ▪ Cover locks | ▪ Star covers |
| ▪ Container saddles | ▪ Container feet |

Do you have any questions regarding our assembly production services?
Please contact Alexander Caspari: a.caspari@albrecht-dbb.de





PREFABRICATION. MACHINING.

Tailor-made. Time-saving.

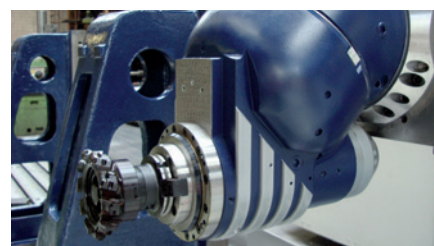
Our comprehensive portfolio of mechanical processing solutions can be uniquely tailored to meet all your tolerance and quality requirements

- Mechanical processing with always available input material
- Milling and drilling on CNC machines
- Countersinking and thread cutting
- Edging with angle measurement and adjustment in one process
- Surface treatment: grinding, blasting, painting, staining
- Thermal and mechanical welding seam preparation
- Certified welding work (also for pipe sections and cones)
- If desired, also in combination with our manufacturing facilities for apparatus and container engineering

Technical details.

Lathing CNC:	up to \varnothing 300 x 1,000 mm
Lathing conventional:	up to \varnothing 1,700 x 4,000 mm
Milling and drilling:	5,500 mm (horizontal) 1,400 mm (vertical) 1,000 mm (transverse)
Edging:	up to 3,000 mm length with 230 t pressing force

Do you have any questions regarding our production facilities?
Please contact Alexander Caspari: a.caspari@albrecht-dbb.de





APPARATUS AND CONTAINER ENGINEERING.

Service overview.

Our apparatus and container engineering, plant engineering and pipeline engineering and our customised special construction services include

- Prefabrication of the sheet cuts in-company
- In-house pickling line for surface finish
- High performance rolling plant for manufacturing cylindrical and conical container elements and apparatus parts
- Thermal and mechanical processes for welding seam preparation
- Permanent stock of stainless steels, steels and special materials for rapid production
- Technical consultation by our experienced employees
- Qualified specialists during execution and production

The products.

- | | | |
|-------------------|--------------------|---------------------|
| ▪ Agitation tanks | ▪ Pressure vessels | ▪ Vacuum vessels |
| ▪ Heat exchangers | ▪ Reaction columns | ▪ Filter containers |
| ▪ Separators | ▪ Adsorbers | ▪ Gas scrubbers |

We also manufacture flexible customised solutions that are precisely tailored to the customer-specific requirements and application.

[Please turn the page »](#)





APPARATUS AND CONTAINER ENGINEERING.

Technical details.

- TÜV-certified welders in all standard procedures (WIG/MIG/MAG/electrode/UP)
- In-house pickling line for surface finish
- Hall capacity for containers, apparatuses, pipelines and installations up to \varnothing 4,000 mm, length 35 m
- Crane capacity up to 2x 10 t

Certificates and approvals.

- | | |
|----------------------------------|----------------------|
| ▪ PED 2014/68/EU | ▪ EN 1090-3 |
| ▪ AD 2000-Merkblatt HP0, TRD 201 | ▪ DIN EN 473 Level 2 |
| ▪ EN 13445 | ▪ EN 12952 |
| ▪ DIN EN ISO 3834-3 | ▪ EN 764-5 2.1 - 3.1 |
| ▪ DIN EN ISO 9001 | |

Do you have any questions regarding our apparatus and container engineering services? Please contact Winfried Nitzschmann:
w.nitzschmann@albrecht-dbb.de





PLANT ENGINEERING AND PIPELINE ENGINEERING.

Reliable design.

Your container engineers at Albrecht are also your specialists for long-lasting plants and pipelines. We manufacture standard and custom products using different materials for most demanding thermal and pressure requirements and thus for a wide range of applications.

The products.

Our plant and pipeline engineering product range includes the following types:

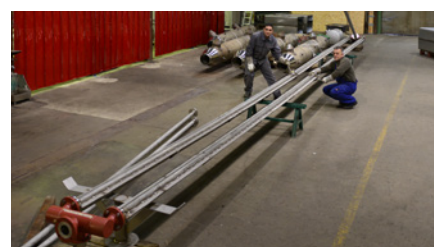
- Pipe fittings, cones
- Venturi pipes
- Pipelines from DN 350
- Exhaust pipes
- Extraction systems
- Static mixers

We also plan and design custom solutions for you.

Certificates and approvals.

- PED 2014/68/EU
- AD 2000-Merkblatt HP0, TRD 201
- EN 13445
- DIN EN ISO 3834-3
- DIN EN ISO 9001
- EN 1090-3
- DIN EN 473 Level 2
- EN 12952
- EN 764-5 2.1 - 3.1

Do you have any questions regarding our plant engineering and pipeline engineering services? Please contact Winfried Nitzschmann:
w.nitzschmann@albrecht-dbb.de





SPECIAL CONSTRUCTIONS.

Uncompromising. To the point.

Based on our experience from more than 385 years company history we know that standard solutions do not always fit. The requirements are changing, and only those who are innovative and flexible are on the forefront of the market. We align our products exactly to your requirements and thus provide tailor-made solutions. Our state-of-the-art machinery, large hall and crane capacities and the interdisciplinary know-how of our employees make it possible.

The products.

Our range of special constructions include the following types:

- Silencers
- Sterilisation chambers
- Pressure chambers
- Manholes
- Adapters



Certificates and approvals.

- PED 2014/68/EU
- AD 2000-Merkblatt HP0, TRD 201
- EN 13445
- DIN EN ISO 3834-3
- DIN EN ISO 9001
- EN 1090-3
- DIN EN 473 Level 2
- EN 12952
- EN 764-5 2.1 - 3.1

Do you have any questions regarding your individual special product?

Please contact Winfried Nitzschmann:

w.nitzschmann@albrecht-dbb.de



STOCK ON HAND.

Always. On site.

Whether for cuts, prefabrication, assembly production or our special 24 h service: In our state-of-the-art production sites in Lindlar near Cologne we always hold an extensive stock of stainless steel, steel, aluminium and special materials.

In stock.

Materials	Aluminium	AlMg ₃	up to 15 mm
	Stainless steel	1.4301 (304), 1.4307 (304L)	up to 100 mm
		1.4541 (321), 1.4878	up to 60 mm
		1.4571 (316Ti)	up to 100 mm
		1.4401 (316), 1.4404 (316L)	up to 70 mm
		1.4410 / UNS S32750	up to 50 mm
		1.4828 (309)	up to 25 mm
		1.4841 (310)	up to 20 mm
		1.4462 (318LN)	up to 40 mm
		1.4539 (904L)	up to 40 mm
	Steel	S235JRG2	up to 25 mm
		P265GH (SA516Gr.60)	up to 100 mm
		P355NL2 (SA516Gr.70)	up to 80 mm
Intermediate gauges	16/18/22/26/28/32 mm		
Acceptance	3.1 and 3.2 according to DIN EN 10204 along with in-company US test		



