

DEFENSE

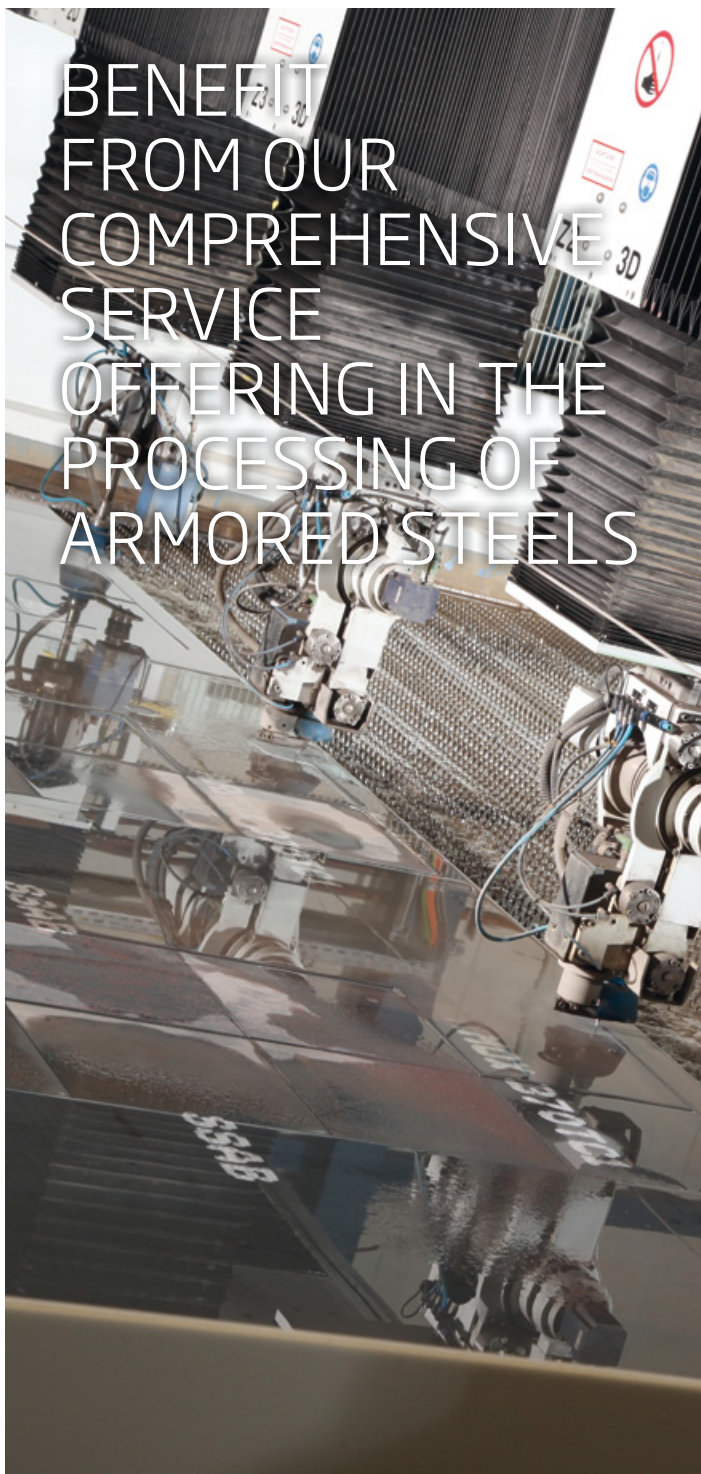
Our expertise for effective protection



STAHLKONTOR

When the going gets tough

BENEFIT
FROM OUR
COMPREHENSIVE
SERVICE
OFFERING IN THE
PROCESSING OF
ARMORED STEELS





OUR
COMPONENTS
CAN
WITHSTAND
THE TOUGHEST
CONDITIONS



WE HAVE THE EXPERTISE TO ADDRESS YOUR TECHNICAL CHALLENGES

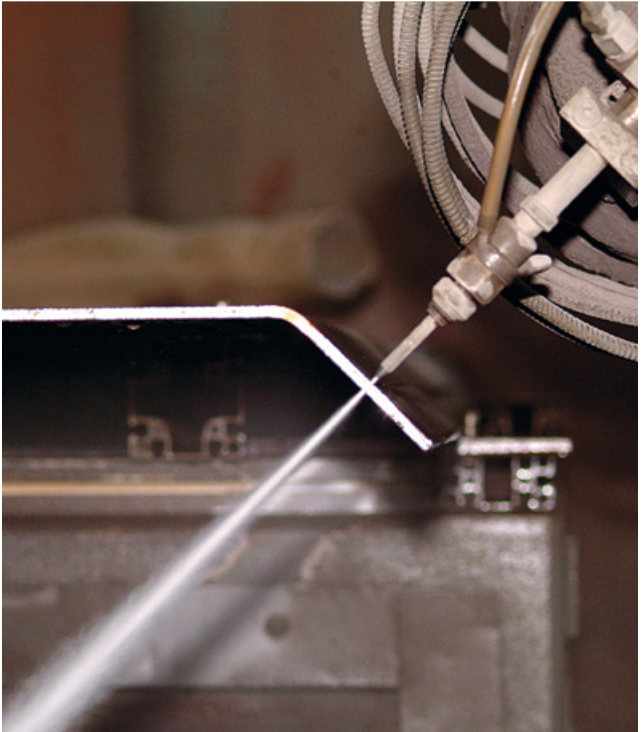
For decades, Stahlkontor has manufactured complex components and assembly groups for the defense technology industry, and has therefore over time become one of the leading international companies for the processing of armored steels. European systems manufacturers have long relied on our comprehensive expertise and knowledge of materials.

We work with armored and safety steel sheets from all major manufacturers, high-strength, tempered, special construction steels, hard-wearing steels and high-manganese steels. We also use non-ferrous metals such as aluminum, titanium and other, non-metal specialist materials to manufacture components and integration-ready assembly groups to customer specification for the protection of military vehicles.

CONTINUOUS INVESTMENT IN OUR STATE-OF-THE-ART MACHINERY ENSURES MAXIMUM EFFICIENCY.

Our solutions expertise and manufacturing know-how enable us to successfully undertake highly complex assignments right up to complete project management.

COMPONENTS
AND ASSEMBLY
GROUPS AND
ADD- ON
ARMOR FOR
THE PROTECTION
OF MILITARY
VEHICLES



WHEN THE GOING GETS TOUGH YOU CAN COUNT ON STAHLKONTOR

PROCESS-SAFETY THROUGH CERTIFIED QUALITY.

Quality assurance is top priority at Stahlkontor. In addition to standard measuring systems for dimensional stability, crack-testing and hardness measurements, we use other modern visual geometric and laser-tracking measurement processes.

Process certifications, covering almost all production requirements, meet even the most stringent customer specifications. Our certified processes include:

- **DIN EN ISO 9001: 2008**
- **Certification of the welding operation in accordance with DIN EN ISO 3834-2 for defense technology, rolling stock, plant and mechanical engineering (comprehensive quality requirements)**
- **Restamping of materials with certification in accordance with DIN EN 10204/3.1 corresponding to the European pressure equipment guidelines and AD 2000-regulations**

Licenses from the German Federal Office of Defense Technology and Procurement (BWB) for:

- **Laser and water-jet cutting**
- **Welding: Manufacturer's approval according to DIN 2303-Q2 and -Q3 BK1 for defense-related products**
- **Cold forming (bending/edging) of armored steels**

MAKE USE OF OUR EXPERIENCE AS SUPPLIERS AND PROJECT MANAGERS

STAHLKONTOR OFFERS YOU:

Construction components and integration-ready assembly groups according to customer specifications made of unalloyed, alloyed and high-alloyed steels as well as other mainly metal materials

CUTTING WORK

Laser or water-jet cut 2D, 2.5D and 3D quality components, as well as oversized parts

WELDING WORK

Laser, inert-gas and laser hybrid welded quality components

FORMING AND FIRST STAGE PROCESSING

Cold-forming (bending, compression molding, edging, leveling), further processing (boring, deburring, milling) and surface treatments (sanding, blasting, coating)

MATERIALS TRADE

In-house stores of materials with high-strength steel sheet of different grades and strengths, sourcing of primary materials and logistical services

CERTIFIED QUALITY MANAGEMENT

Safety through validated processes and standardized quality assurance for defense-related products

CUSTOMER-FOCUSED PRODUCTION FROM INDIVIDUAL COMPONENTS TO FULL ASSEMBLY GROUPS

Stahlkontor supplies everything from individual replacement parts to full assembly groups, such as for the bodies of armored vehicles (safety cells), vehicle hulls as well as for added protection (add-on armor). Blank cutting is carried out with state-of-the-art CO₂ laser cutting equipment, water-jet cutting systems and high speed milling machines. Our process centers follow this up with mechanical processing including bending and edging. Welding work includes laser hybrid welding in addition to conventional inert-gas and CO₂ laser welding.

Surface treatments such as blasting, priming, painting, powder coating or galvanic surface protection enable the manufacture of integration-ready components and assembly groups or those that require further processing. Our extensive network of long-term partners allows us to cover all parts of the production chain cost-effectively.

OUR STORES OF MATERIALS CONTAIN SEVERAL THOUSAND TONS OF ARMORED STEEL SHEET IN DIFFERENT GRADES AND STRENGTHS.

Access to material in our own stores allows us to react even to short-term orders. The sourcing of primary materials and the full logistical handling of finished components round off our service offering.



STAHLKONTOR
When the going gets tough



Stahlkontor GmbH & Co. KG
Preußerstraße 28
58135 Hagen
Germany

Telephone: +49 (0) 2331 9030-0
Telefax: +49 (0) 2331 9030-30

Email: info@stahlkontor.com

stahlkontor.com