

## THE COMPLETE RANGE

STOCK HOLDING AND FLAME CUTTING

# A CONVINCING RANGE ...

... Ancofer supplies a comprehensive range of heavy plates and flame cut parts, backed up by extensive heavy fabrication services. Our skilled and experienced employees are flexible and committed to meeting customer and market requirements. We see our role as meeting your needs by supplying the required grade and quantity at the right place and at the right time. You benefit from Ancofer's reliability, sense of responsibility and high product and service standards.

### Ancofer is certificated in conformity to DIN EN ISO 9001:2015 and to DIN EN 1090.

The following pages highlight our range of supplies and services. We offer a consistent, reliable service with exactly the right range of steel to meet your needs.



## HEAVY PLATE THE COMPLETE RANGE

The Ancofer name has been intimately linked to heavy plate for many decades. We have consistently grown market share in heavy plates since Dillinger Hütte became the principal shareholder.

Mechanical and technological tests

- Ultrasonic inspection
- Charpy impact test
- Weld bead bend test
- Z-value (through thickness properties) tests
- 3.2 third party acceptance inspection
- And many more

As a heavy plate specialist, Ancofer supplies a broad spectrum of grades and formats. These range from 'simple' structural steels up to and including wear resistant, high tensile and offshore grades. The range includes both every day and out of the ordinary dimensions with plates available up to: 250 mm in thickness, 4,000 mm in width, 20,000 mm in length, 50 tonnes in weight.

#### **Semi-fabrication**

- Shot blasting as per SA 2.5 in Ancofer's own shot blasting shop
- Protective treatment to your requirements
- Flame cutting to size in Ancofer's own flame cutting shop
- Drilling, edge treatment, turning, milling, weld edge preparation, welding

## SERVICES FLAME CUTTING

There are lots of reasons to entrust the fabrication of heavy plate to highly experienced professionals who spend their lives cutting heavy plate:

- No expensive training and certification for an underutilized skill,
- no underutilization of machinery,
- avoidance of production errors,
- elimination of production risks due to lack of staff or machine failures, and
- no scrap or waste

Ancofer began production of flame cut parts in 1975. Today, its flame cutting shop, with a working area of 8,500 m<sup>2</sup>, is one of Germany's largest and most produc-

## Certification/Mechanical and technological tests

see "heavy plate" above

tive. Ancofer's decades of know how, highly capable and experienced staff, and state of the art equipment are the customer's guarantee of consistently perfect results and short delivery times.

Our CNC flame cutting and plasma machines cut all the items in our heavy plate range, including the less common formats. Production of 600 mm thick flame cut parts, for example, is no problem. The same applies for exceptionally long and exceptionally wide flame cut parts.

- Maximum width is 9 meters,
- Maximum length 30 meters, and
- Maximum load 50 tonnes

#### **Semi-fabrication**

- Bevelling using two six-axle oxyfuel robots
- Straightening on Ancofer's three coordinate gantry press
- Shot blasting as per SA 2.5 in Ancofer's own shot blasting shop
- Protective treatment (primering)
- Drilling, turning, milling, edge preparation
- Bending/Rolling

Product- specifications	Material No.	Thickness from to mm	Max. width mm	Max. length mm	Certification in accordance with DIN EN 10204				
Structural steels in accordance with DIN EN 10025									
S235JR+N	1.0038	8 - 50	3,000	12,000	3.1				
S235J2+N	1.0117	8 - 50	3,000	,000 12,000					
S355J 2+N	1.0577	5 - 250	4,000	20,000	3.1/3.2				
\$355K2+N	1.0596	5 - 250	4,000	20,000	3.1/3.2				
Unalloyed high temperature steels in accordance with DIN EN 10028-2									
P265GH	1.0425	3 - 250	4,000	16,000	3.1				
P355GH	1.0473	5 - 120	4,000	16,000	3.1/3.2				
Alloyed high temperature steels in accordance with DIN EN 10028-2									
16Mo3	1.5415	3 - 100	3,000	12,000	3.2				
Fine grained structural steels for pressure vessel engineering in accordance with DIN EN 10028-3									
P275NH	1.0487	3 - 150	4,000	16,000	3.1				
P355NL2/NH	1.1106/1.0565	5 - 250	4,000	16,000	3.2				
P460NL2/NH	1.8918/1.8935	8 - 150	3,000	12,000	3.2				
Fine grained steels for structural engineering in accordance with DIN EN 10025-3									
\$355NL	1.0546	5 - 250	4,000	16,000	3.1				
\$460NL	1.8903	8 - 150	3,000	12,000	3.1				



Product- specifications	Material No.	Thickness from to	Max. width	Max. length	Certification in accordance with					
		mm	mm	mm	DIN EN 10204					
Pressure vessel steels in accordance with ASME standards										
SA516 Grade 60 *		3 - 250	4,000	16,000	3.1					
SA516 Grade 70 *		5 - 250	4,000	16,000	3.1					
SA537 Cl.1 *		5 - 250	4,000	16,000	3.1					
* In accordance with SA 20 S5, ASME Sec. II, Part A										
Case hardening steels in accordance with DIN EN 10084										
16MnCr5	1.7131	8 - 80	3,000	12,000	3.1					
Offshore steels in accordance with DIN EN 10225 and Norsok M120 and API										
S355G7+M bis S355G10+M	1.8808/1.8810 1.8811/1.8813	8 - 120	3,050	14,000	3.2					
\$420G2+M	1.8857	8 - 120	3,050	14,000	3.1					
S460G2+M	1.8887	15 - 100	3,050	14,000	3.2					
Steelplates for offshore constructions (API)										
API 2W50mod		8 - 100	4,050	14,000	3.2					
Thermomechanically rolled steels for steel constructions in accordance with DIN EN 10025-4										
S355ML	1.8834	8 - 120	3,050	14,000	3.2					
S460ML	1.8838	15 - 100	3,050	14,000	3.2					
Thermomechanically rolled steels for shipbuilding in accordance with GL/Rules/LRS										
EH36TM	1.0589	15 - 100	3,050	14,000	3.2					
High tensile fine grained structural steels										
\$690QL1	1.8928/1.8988	8 - 250	3,000	12,000	3.1/3.2					
DILLIMAX 690 E	1.8928/1.8988	8 - 250	3,000	12,000	3.1					
\$890QL	1.8983	6 - 120	3,000	12,000	3.1/3.2					
DILLIMAX 890 T	1.8983	6 - 120	3,000	12,000	3.1/3.2					
\$960QL	1.8933	6 - 120	3,000	12,000	3.1/3.2					
DILLIMAX 965 T	1.8933	6 - 120	3,000	12,000	3.1/3.2					
Wear resistant fine grained structural steels										
DILLIDUR 325L (hardness 300 HB)	1.8705	8 - 100	2,000	12,000	3.1					
DILLIDUR 400 (hardness 400 HB)	1.8715	8 - 150	3,000	12,000	3.1					
RAEX 400 (hardness 400 HB)		3 - 6	2,500	12,000	3.1					
DILLIDUR 450 (hardness 450 HB)	1.8720	8 - 60	3,000	16,000	3.1					
DILLIDUR 500 (hardness 500 HB)	1.8721	8 - 100	3,000	12,000	3.1					
DILLIDUR 550 (hardness 550 HB)		10 - 40	2,000	6,000	3.1					

#### WWW.ANCOFER.DE

Competent and response, from to delivery

enquiry

#### ANCOFER STAHLHANDEL GMBH

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