

AMCO at a glance



My supplier has to
deliver on his promise.

I count on AMCO.

When metal and service shine.

„Quality starts by giving the customer's thinking the highest priority.“

Dear customer,

Are you on the lookout for quality semi-finished products made of aluminium, brass, copper or bronze? Are you looking for a supplier that can produce cast plates and blocks in the shortest times?

Do you need CNC machining sections made according to precision specifications?

As a family company with around 220 employees we will personally meet your wishes. To do this we have a particularly wide range in stock of over 5,000 tonnes guaranteeing you excellent goods availability. We supply all parts tailored to your needs and flexibly adjust to your lot sizes.

At AMCO you can count on state-of-the-art machinery and well-founded know-how of the sector.

In short: as a reliable all-round supplier and partner, we will make your procurement as well as your

processing of non-ferrous metals as easy as possible – even if challenges measured in tonnes come up.

With our new corporate motto “When metal and service shine” we are setting our own bar for excellent quality and first class customer orientation even higher. In doing so, our fair conditions and the unbeatable specialist knowledge of our employees provide the finishing touch. Many market leaders and medium sized companies from the most varied sectors already place their trust in AMCO. When can we shine for you?

Yours faithfully

M. Krämer

J. H. Schmidt

Directors AMCO Metall-Service GmbH



Non-Ferrous Metal Distribution.

More than 5,000 tons of non-ferrous metal semi-finished products are waiting for your order in our warehouse in Bremen. Aluminium, brass, copper and bronze: We supply you with all common non-ferrous metals. We saw plates, sheet, bars and profiles according to your request. We offer a quick delivery and exacting tolerances. Our large machinery with more than 30 high-performance saws enables a quick implemen-

tation of all services requests from small quantities to line production.

An overview of our services:

- Approx. 5,000 tons in stock
- Aluminium, Brass, Copper, Bronze
- Reliable delivery service within short-time
- Highly modern machinery
- Blanks of sheets, plates, bars and profiles



In trade, a secure supply of non-ferrous metals is worth its weight in gold.

I count on AMCO.

Aluminium

Brass

Copper

Sheets

dimension	EN AW-1050 A 0/H111 / H1 4/H24 thickness	EN AW-2017A T4 / partly T6 thickness	EN AW-5005A Normal- & Anodized-Quality thickness	EN AW-5083 0/H111 thickness	EN AW-5754 0/H111 + H22 thickness	EN AW- 5754 Anodized thickness
1000 x 2000	0,5 – 5	0,5 – 5	1 – 3	1 – 5	0,5 – 5	1 – 5
1250 x 2500	1 – 5	5	1,5 – 3	2 – 5	0,8 – 5	
1500 x 3000	1 – 5		1 – 3	1,5 – 5	1 – 5	

dimension	EN AW-6082 T6 thickness	EN AW-7020 T651 thickness	EN AW-7075 T6 / T651 / T652 thickness	MS 63 (Cu Zn 37) MS 58 (Cu Zn 39 Pb 2) thickness	SF Cu, E-Cu, SE Cu, OF Cu thickness
600 x 2000				0,2 – 10	
1000 x 2000	1,5 – 5	3 – 5	1,5 – 5	1 – 10	0,3 – 10
1250 x 2500	1,5 – 5	4 – 5		1 – 3	1 – 5
1500 x 3000	2 – 5	2 – 5	5	6	1,5 – 10

Plates

dimension	EN AW-1050 A 0/H111/H14/H24 thickness	EN AW-2017A T4 / teils T6 thickness	EN AW-5083 0/H111 thickness	EN AW-5754 0/H111 + H22 thickness	EN AW-6082 T6 thickness	EN AW-7020 T651 thickness	EN AW-7075 T6 / T651 / T652 thickness
1000 x 2000	6 – 60	6 – 120	6 – 170	6 – 100	6 – 180	6 – 25	6 – 110
1250 x 2500	6 – 20	6 – 80	6 – 80	6 – 110	6 – 60 + 80 + 140	6 – 10	
1500 x 3000	6 – 30	6 – 150	6 – 200	6 – 150	6 – 200	6 – 150	10 – 180

EN AW-5083 0/H111 plain milled dimension	EN AW-7075 T7351 / T651 Plain milled dimension	MS 63 (Cu Zn 37) MS 58 (Cu Zn 39 Pb 2) dimension	SE Cu dimension
5 – 10 in 1308 x 2508	10 – 20 in 1550 x 3050	12 – 150 in 1020 x 3020	12 – 150 in 1020 x 3020
12 – 30 in 1550 x 3050			

Two Bar Plates

dimension	EN AW-5754 H114 thickness
1000 x 2000	2,5/4,0 – 5,0/6,5
1250 x 2500	2,5/4,0 – 5,0/6,5
1500 x 3000	2,5/4,0 – 5,0/6,5

Five Bar Plates

dimension	EN AW-5754 H114 thickness
1000 x 2000	2,5/4,0 – 8,0/9,5
1250 x 2500	2,5/4,0 – 8,0/9,5
1500 x 3000	2,5/4,0 – 8,0/9,5
2000 x 6000	5,0 – 6,5

Super Sizes

dimension	EN AW-5083 O/H111 thickness	EN AW-5754 O/H111 / H22 thickness
2000 x 6000	4 – 25	2 – 10
2000 x 8000	3 – 30	
2400 x 8000	4 – 8	
2500 x 8000	5 – 8	

Bars

description	EN AW-2007 diameter	EN AW-2017A diameter	EN AW-5754 diameter	EN AW-5083 diameter	EN AW-6012 diameter	EN AW-6060 diameter
Round-Bars	extruded 20 – 300	7 – 55	15 – 200	20 – 200	20 – 140	6 – 100
	drawn 7 – 65		3 – 16		12 – 28	
	cast 150 – 650			180 – 800		
Flat-Bars	12 x 10 – 200 x 20		30 x 10 – 80 x 8	40 x 8 – 60 x 8		15 x 5 – 250 x 10
Square-Bars	10 x 10 – 250 x 250					8 x 8 – 60 x 60
Hexagonal-Bars	7 – 55					

description	EN AW-6082 diameter	EN AW-7022 diameter	EN AW-7075 diameter	MS 58 (Cu Zn 39 Pb 2) diameter	E-Cu diameter
Round-Bars	extruded 10 – 400	20 – 300	20 – 180	70 – 250	65 – 250
	drawn 4	14	9 + 14	2 – 70	3 – 60
	cast 180 – 590		210 – 450		
Flat-Bars	30 x 3 – 200 x 25			8 x 3 – 120 x 40	10 x 3 – 200 x 20
Square-Bars	15 x 15 – 150 x 150			5 x 5 – 120 x 120	6 x 6 – 100 x 100
Hexagonal-Bars				5 – 90	

Profiles

description /	EN AW-2007 dimension	EN AW-5754 dimension	EN AW-5083 dimension	EN AW-5083 dimension	EN AW-6060 dimension	EN AW-6082 dimension
Half-Round						30 x 10, 50 x 25
Flat-Bulb						50 x 3 x 12 x 12 – 180 x 7 x 40 x 40
Equal-Angles		80 x 15 – 100 x 5	40 x 40 x 4 – 50 x 50 x 5	10 x 10 x 2 – 120 x 120 x 8	10 x 10 x 2 – 120 x 120 x 8	20 x 20 x 2 – 100 x 100 x 10
Unequal-Angles			60 x 40 x 5 – 80 x 40 x 6	15 x 10 x 2 – 200 x 100 x 10	15 x 10 x 2 – 200 x 100 x 10	40 x 25 x 4 – 150 x 100 x 10
Rectangular-Tubes				20 x 10 x 2 – 200 x 100 x 4	20 x 10 x 2 – 200 x 100 x 4	100 x 50 x 3 – 150 x 120 x 5
Round-Tubes	80 x 15 – 100 x 5	30 x 3 – 110 x 5	30 x 3 – 180 x 10	6 x 1 – 190 x 3	6 x 1 – 190 x 3	20 x 3 – 280 x 10
T-Profiles				20 x 20 x 2 – 60 x 60 x 6	20 x 20 x 2 – 60 x 60 x 6	40 x 60 x 5 – 120 x 80 x 8
U-Profiles				12 x 12 x 2 – 160 x 80 x 10	12 x 12 x 2 – 160 x 80 x 10	160 x 80 x 10
Square-Tubes				15 x 15 x 2 – 150 x 150 x 5	15 x 15 x 2 – 150 x 150 x 5	40 x 40 x 4 – 150 x 150 x 5
Double -T-Profiles				100 x 100 x 1010	100 x 100 x 1010	120 x 80 x 7 x 9 – 160 x 74 x 7 x 10

description	MS 63 (Cu Zn 37) / MS 58 (Cu Zn39 Pb 3) dimension	MS 58 (Cu Zn 41 Pb 1 Al) dimension	SF Cu, E-Cu, SE Cu, OF Cu dimension
Equal-Angles		10 x 10 x 2 – 60 x 60 x 5	
Round-tubes	6 x 1 – 75 x 5		4 x 1 – 22 x 1

Cast-Plate Production

Our aluminum cast plates of alloy EN AW-5083 (AL Mg 4.5 Mn) are characterized by its low stress levels. All cast ingots are homogenized (annealed) and highly stress-relieved. AMCO manufactures the aluminum cast plates in various thicknesses and dimension on modern machines. By homogenizing the ingots an excellent microstructure can be achieved. Therefore, the product is particularly suitable for components with complex machining, especially for tool- and mold making industries as well as engineering.

Blanks from ingot sizes:

- 570 x 1570 x 3050
- 570 x 1620 x 3500
- 570 x 1570 x 3670
- 570 x 2170 x 3050
- 1050 x 1720 x 2250

Specified characteristics:

- Very good tensile strength properties
- Stress-relieved
- Good flatness after sawing
- Excellent corrosion resistance
- Eloxierfähigkeit Good anodising quality
- Good welding properties
- Good mechanical properties
- Very good machinability



Cast aluminum is a high-tension topic as long as it's low-tension.

I count on AMCO.

Cast-Plates

dimension	Cast-Plates EN AW-5083 both sides Sawn	Cast-Plates EN AW-5082 plain milled
	thickness	thickness
1570 x 3050	10 – 120	5 – 100
1620 x 3500	10 – 120	6 – 100

CNC-Processing

Our CAD/CAM-based manufacturing works according to your design data in DXF format. In addition, we mill precision aluminium plates in any desired thickness according to your specifications from rolled and cast material.

An overview of our services:

- CAD / CAM-assisted manufacture in-house
- 3-axis and 5-axis machining centers
- Maximum component size: 1500 x 4000 mm / 1000 x 4500 mm
- 4-axis profile machining for profiles of up to 8000 mm
- Fast delivery thanks to direct access to all common aluminium materials



Precision in mechanical engineering isn't a problem. It's a must.

I count on AMCO.

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