



Rolling Plant

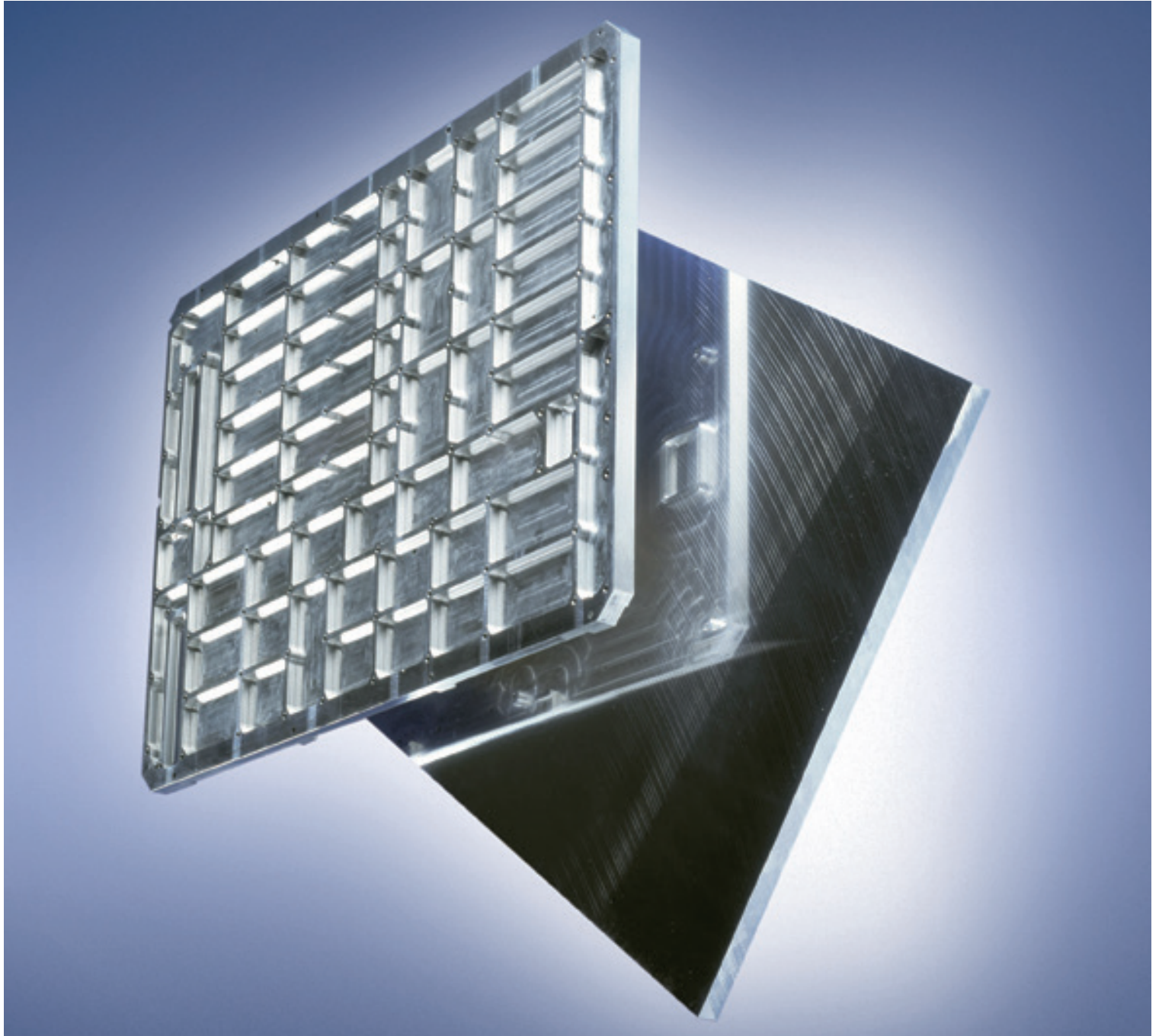


PLATE ROLLING

Plate Rolling

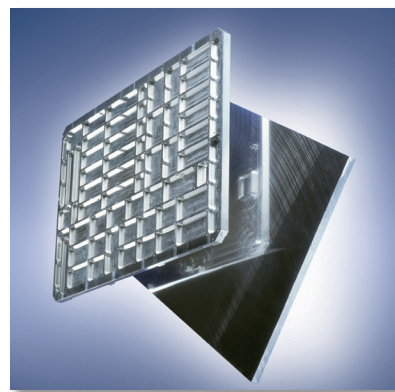
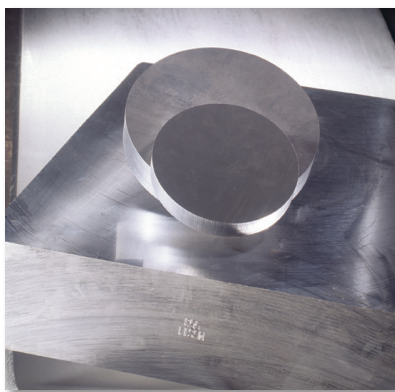
You are looking for something special? We will find it!

Rolling products for special solutions, small and medium scales, standard and series products. We are the perfect partner for aluminium plates with high quality and closest tolerances – from development to production.

The know how and the experience of our employees has a high impact on every single plate we produce. Each aluminium plate is tailor-made – according to the requirements of our customers.

Please contact us and we will find the right solution for you!

Product Range Plate Rolling



	Plates	Cuttings	Circles
Thickness	4 - 130 mm		
Width	max. 1.500 mm	On customer request - up to 165 kg / part	
Length	max. 4.170 mm		
Ø			1.250 m - up to 100 kg / part

We produce in special alloys beginning at 2.000 kg and all common age hardening and non age hardening alloys as well as pure aluminium.

Application:

Mechanical engineering
Automotive industry
Construction of housings, containers and technical equipment
Electronics
Vaccuum technology

Surfaces:

bright-rolled

Surface treatment:

milling

Surface protection:

protecting and deep-drawing films

Marking:

on the top and bottom side of the material, for circles script, size and position on cutting edge according to customer requirement

Rolled plate milled on both sides (HSP)

Surface roughness Ra max 0,6 µm

Tolerance for thickness $\pm 0,1$ mm

Deviation from flatness

< 15 mm thickness: max. 0,35 mm/m

> 15 mm thickness: max. 0,20 mm/m

Length and width tolerance $\pm 0,5$ mm

Closer tolerances available on request

Plate format

Max. 1.250 x 2.500 mm incl. all fixed formats, circles and blanks within these limits

Material thickness

8 to 50 mm including all intermediate thicknesses

Plate Rolling

Materials

Alloys according to EN 573	
Numerical	Chemical symbols
Non age hardening alloys	
EN AW-3003	AlMn1Cu
EN AW-3103	AlMn1
EN AW-5005	AlMg1
EN AW-5251	AlMg2
EN AW-5049	AlMg2Mn0,8
EN AW-5052	AlMg2,5
EN AW-5754	AlMg3
EN AW-5454	AlMg3Mn
EN AW-5086	AlMg4
EN AW-5083	AlMg4,5Mn0,7

Mechanical properties:

DIN EN 485-2

Chemical composition:

DIN EN 573-3

Deviation limits and dimensional tolerance:

DIN EN 485-3 for hot-rolled products

DIN EN 485-4 for cold-rolled products

Alloys according to EN 573	
Numerical	Chemical symbols
Pure aluminium	
EN AW-1050A	Al99,5
EN AW-1070A	Al99,7
EN AW-1350A	E-Al99,5(A)
Age hardening alloys	
EN AW-6060	AlMgSi
EN AW-6061	AlMg1SiCu
EN AW-6082	AlSi1MgMn
EN AW-6061B	E-AlMgSi0,5
EN AW-6063	AlMg0,7Si

Special alloys or restricted alloy components on customer request.

Material inspection:

DIN EN 10204

Material certificates:

Certification of compliance with the order 2.1

Test report 2.2, Inspection certificate 3.1

Inspection certificate 3.2

Certificates:

ISO 9001, ISO 14001

IATF 16949, ISO 45001, DIN EN ISO 50001

Contact

Thomas Mester
General Manager

Tel.: +49 291 291 3120

thomas.mester@martinrea.com

Ingo Kotthoff
Head of Sales

Tel.: +49 291 291 390

ingo.kotthoff@martinrea.com

Hüseyin Gülgönül
Sales

Tel.: +49 291 291 680

hueseyin.guelgoenuel@martinrea.com





Martinrea Honsel Germany GmbH
Rolling Plant
Fritz-Honsel-Straße 30
59872 Meschede
Tel : +49 291 291 680

rolling@martinrea.com
www.martinrea.com