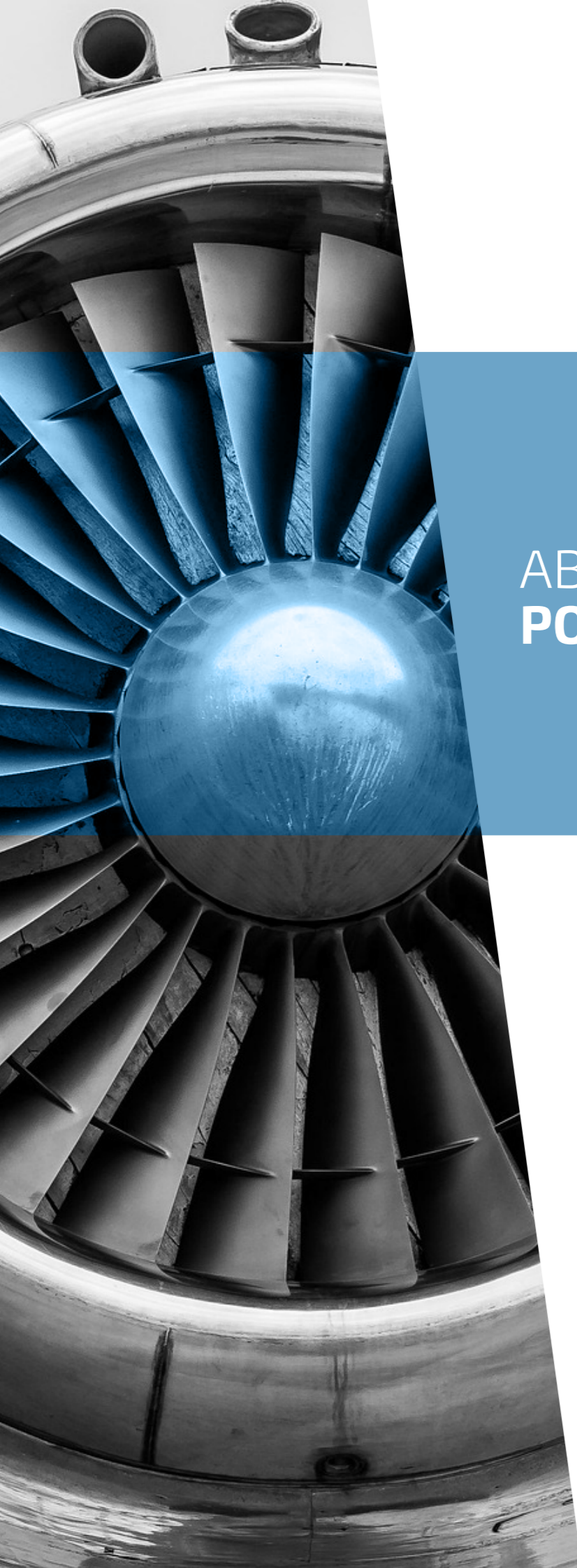


AEROSPACE & DEFENSE ALUMINUM & SERVICES





ABOUT POLY LANEMA

We are committed to achieving excellence in everything we do, ensuring each client receives our highest level of dedication.

The aeronautical industry is recognized for its high complexity and stringent quality control requirements. In a sector that is constantly expanding, precise control of all parameters that ensure performance and reliability is increasingly essential. All processes, operational and production-related must be robust, efficient, and rigorously controlled.

It is within this context that **Polylanema Aerospace & Defense** emerges, offering a

specialized portfolio of aluminum alloys and engineering plastics for the aeronautical, aerospace, and defense industries. Our operations are grounded in sustainable growth, reflecting the Group's well-established reputation built over more than 35 years. Throughout this journey, we have had the opportunity to supply materials and components to highly demanding industrial sectors, including the aeronautical industry, where precision and quality are absolutely critical.



ALUMINIUM for the aeronautical industry

We can cut and dispatch within 24/48 hours



IMMEDIATE DELIVERY
24H/48H

AERONAUTICAL ALLOYS, PERMANENTLY IN STOCK

AW 2024 T351

PLATE

Thickness available in stock
16 mm
25,4 mm
30 mm
40 mm
50 mm
60 mm
80 mm
110 mm

Multi Specifications Available

ABS5032
ANSI H35.2
ASNA3011
CR1.1.0.58
DAN26
NF L 15-115
LN9073
AMS-QQ-A-250/4

AW 6061 T651

PLATE

Thickness available in stock
10 mm 50 mm
12 mm 55 mm
15,87 mm 60 mm
20 mm 70 mm
25 mm 80 mm
30 mm 100 mm
35 mm 110 mm
40 mm 130 mm
44,45 mm 150 mm

AMS 4027
AMS-QQ-A 250/11
DAN 422
WL 3.3214
ASTM B209

AW 7050 T7451

PLATE

Thickness available in stock
25,4 mm 80 mm
31,75 mm 90 mm
35 mm 100 mm
40 mm 120 mm
45 mm 152,4 mm
50 mm 160 mm
55 mm 180 mm
60 mm 220 mm
70 mm

AMS 4050K
BAMS 516-003
A2MS 516-003
BMS 7-323 Type I
MEP 02-014

AW 7075/ 7175 T7351

PLATE

Thickness available in stock
16 mm 92,25 mm
20 mm 101,6 mm
25 mm 110 mm
30 mm 120 mm
50 mm 152,4 mm
55 mm
63,5 mm
70 mm
80 mm

ABS5064
ANSI H35.2
ASNA 3050
DAN 26
NF L 15-115
LN9073
AMS4078
AMS-QQ-A-250/12
ASNA 3050

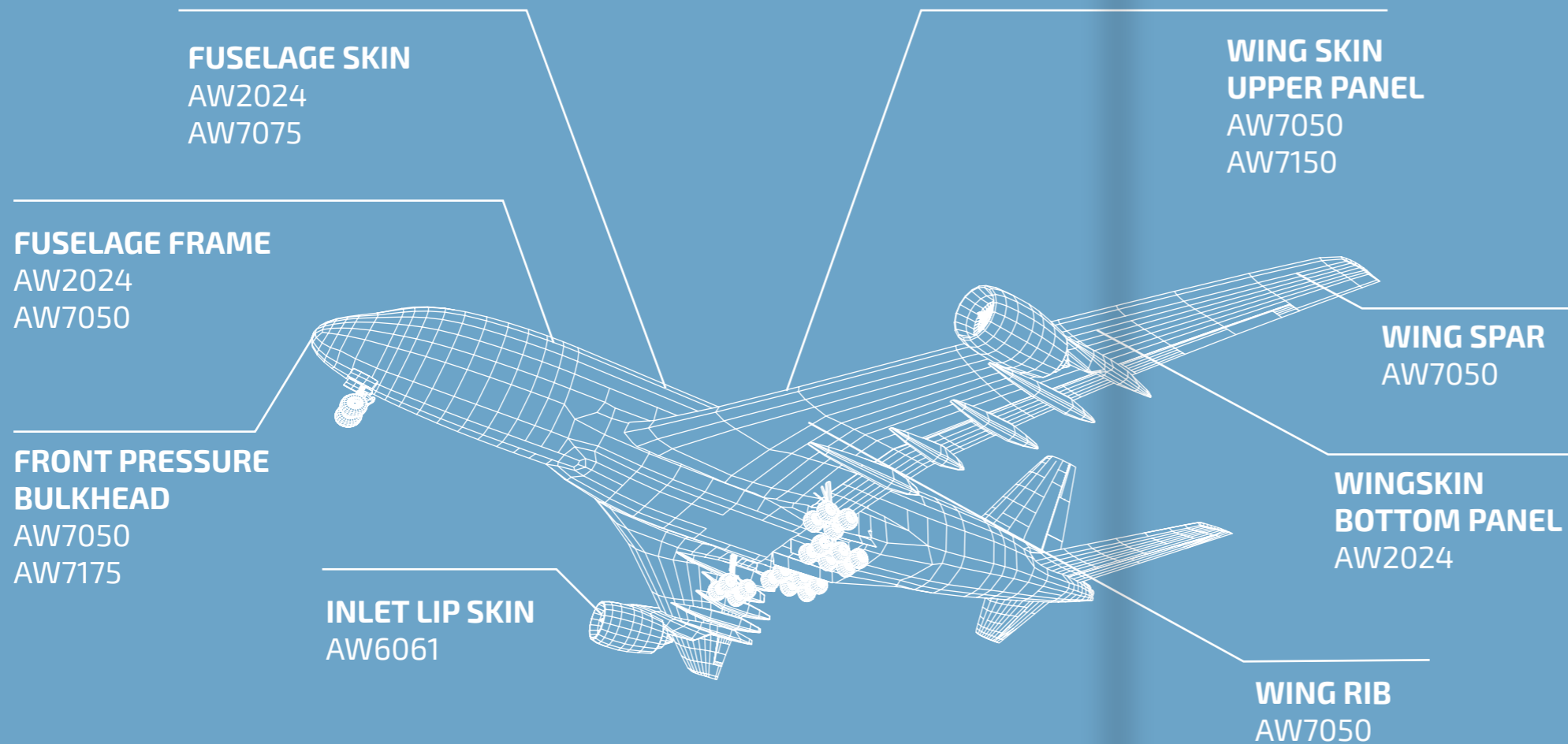
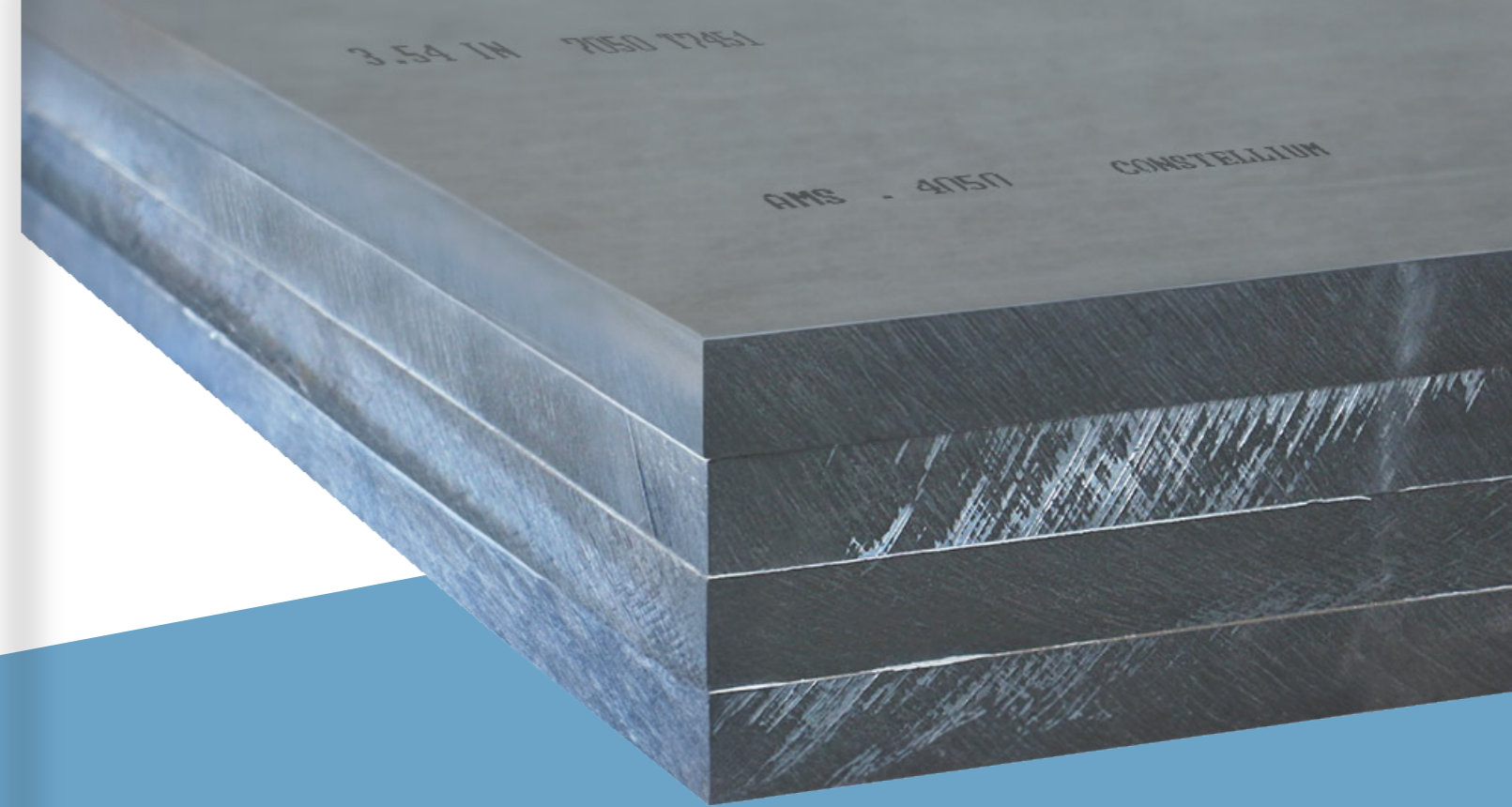
CERTIFIED ALUMINIUM

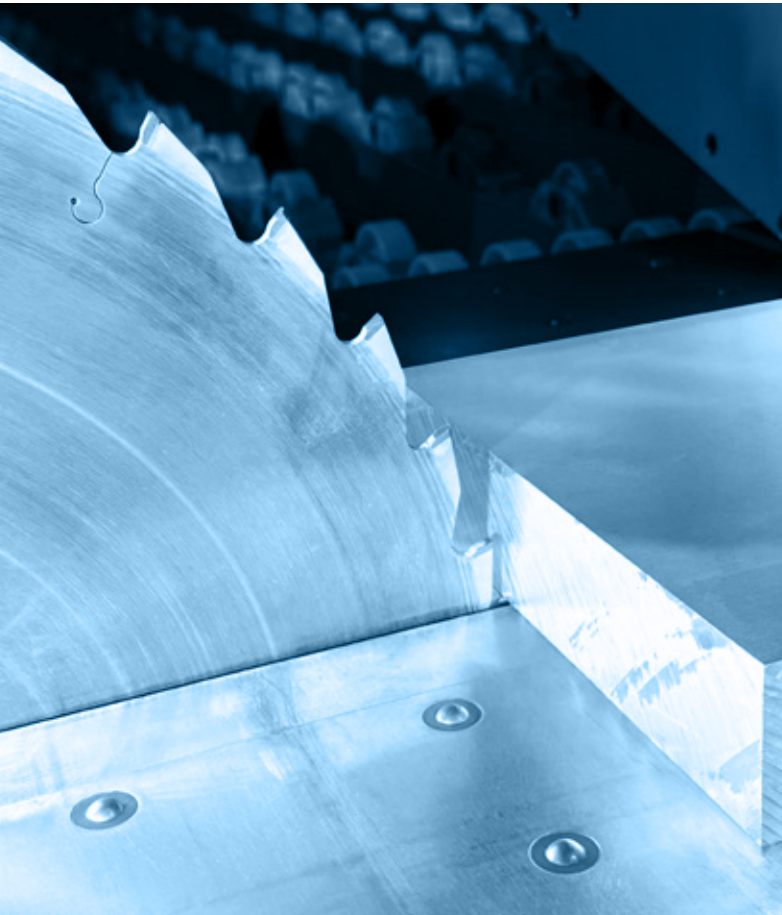
Polyanema offers a wide range of sheets for the aerospace industry, covering a broad spectrum of dimensions, alloys and specifications.

The aluminum sheets are characterized by high formability, best chemical milling quality and minimum residual stress quality (MRS).

Made by certified European Manufacturers

To consistently meet the highest demands of our aerospace customers, we work exclusively with approved manufacturers. Precision sheet and plate products are handled under strict internal standards, from storage to integration into your production, ensuring product quality and full traceability.





Advantages of our SAW CUTTING

- High dimensional precision
- Large cutting capacity
- Preservation of mechanical and structural properties
- Reduced material waste
- Reliable and repeatable results

Advantages of our DUPLEX MILLING AND CHAMFERING service

- Enables more efficient operation
- Reduces operational workload
- Reduces machining costs
- Eliminates delays between suppliers

Advantages of our FACE MILLING service

- High degree of parallelism and flatness
- Stress reduction, increasing part stability
- Reduced machining costs
- Dimensional stability
- Customized thickness to suit each project

Advantages of our WaterJet Cutting

- Reduced machining time
- We perform complex 5-axis cutting
- Cold cutting, with no molecular alteration of the material
- Clean cuts with no burrs
- More precise and faster than other conventional cutting methods



COMPLETE MATERIAL TRACEABILITY



Stock management system with QR codes for real-time control, ensuring optimal organization and instant location of materials.





SHAPING YOUR PROJECTS

WWW.
POLYLANEMA.
PT/EN



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