apt ALU PRODUCT TECHNOLOGY

Product components for the industry

Intelligent thinking on aluminium.

Thanks to its versatile material properties, aluminium has proven itself in various industrial sectors. You will find apt aluminium products in heat sinks, motor housings, high-precision parts, medical technology, and intelligent system engineering.

apt ®
ALU PRODUCT TECHNOLOGY

Facts and figures

Production capacity for aluminium profiles p.a. **80,000 t**	Production capacity from in-house mechanical processing p.a. **20,000 t**	Profile dimensions in-house (width, length, weight) • **up to 400 mm** • **up to 15,000 mm** • **0.1 kg / m to 25 kg / m**	Product- & Co-engineering • **Consulting** • **CAD development** • **CAD design** • **Prototyping** • **Simulation** • **Production in small, and large series**
Alloys EN AW-… **6060, 6063, 6005A, 6082**	In-house value-added chain **Completion: from the aluminium billet to the assembly group**	Patented innovation **Multi-part high-performance heat sink CoolFusion**	

Complex solutions for the industry

Mechanical engineering & systems engineering
- Strut profiles
- Lifting column profiles
- Profiles for linear technology
- Interior and exterior anodizing
- Tight tolerances

Electrical engineering
- Inverter housing
- Motion Control
- Processing machines
- E-drives
- High-performance heat sinks
- Innovation in a small installation space
- Thermal simulation

Medical technology
- Dialysis machines
- X-ray tables
- Interior equipment for hospitals
- Stairlift systems
- Anodizing, antimicrobial coating

Other areas
- Sports equipment
- Tent construction
- Displays
- Furniture
- and much more

Our commitment to sustainability

apt Agenda 2044
Alignment with the EU Green Deal 2050 and the goals of the UN 2030 Agenda.

Recycling
We recycle 18,000 tons of aluminium scrap p.a. in our remelting plant.

< 4 t CO_2 / t Al
Purchase of primary material primarily from recycled production.

Use of green electricity in production.

Engagement
Membership of:
- Aluminium Stewardship Initiative (ASI)
- EcoVadis
- Circular Valley
- European Aluminium
- Aluminium Deutschland

DIN ISO 9001 ISO 14001 ISO 50001 EN 15088 | VOA Verband für die Oberflächenveredelung von Aluminium e.V. | IATF CERTIFIED COMPANY | asi CERTIFIED PERFORMANCE | ecovadis

As of: 03/2025