

# Further processing of aluminium components

We get aluminium on the right track.

From the aluminium profile to the finished workpiece, apt is your competent partner for processing and finishing aluminium. We combine experience and technical expertise with state-of-the-art processes.

## Facts and figures

Customer-oriented further processing in Monheim (DE), Eckental (DE), Roermond (NL), Cheb (CZ)

**4 locations**

Extrusion capacity for aluminium profiles p.a.

**80,000 t**

Production capacity for in-house mechanical processing, p.a.

**20,000 t**

Number of state-of-the-art processing machines and industrial robots

**> 80 machines**

Degree of automation

**Individual production to highly automated production**

Efficient production

**One-Piece-Flow Strategy**

Centers of Excellence

▪ **Automotive**  
▪ **Industry**

Patented innovations

▪ **LiteFlap® lightweight bus flap**  
▪ **CoolFusion high-performance heat sink**

### Sawing



- Length max. 8,000 mm
- Length min. 10 mm
- Tolerance up to +/- 0.1 mm

### Milling



- 3 to 5 axis CNC milling machines
- Working area up to 2,200 × 400 × 200 mm  
2,000 × 1,200 × 600 mm
- Long bed machining up to 15,500 mm

### Unmolding, punching



- Fully automatic sheet metal processing center
- Hydraulic presses
- Eccentric presses
- Folding benches

### Assembly



- Robot-assisted gluing and joining
- Automated standard part assembly (Automotive & Industry)

### Special process Welding



- MIG robot welding systems
- MIG / WIG manual welding

### Special process Bonding



- 2-component bonding systems for automotive commercial vehicles (S1 safety bonding)

### Customer-specific systems



- Effective production processes with customized, interlinked machines

### Surface treatment



- Fully automated powder coating and passivation line
- Black and natural anodizing

## Excellent and sustainable product quality



### Building & Construction

- Agricultural systems
- Decorative elements
- Facade design
- Facade cladding
- Windows and doors
- Solar systems
- Sun protection
- Sunrooms



### Industry

- Electrical engineering
- Heat sinks
- Mechanical and apparatus engineering
- Medical technology
- Motor housings



### Automotive

- Roof systems and accessories
- Battery housings and subassemblies
- Guide rails
- Lightweight components
- Structural components



### Transport

- Sub-assemblies
- Lightweight components
- LiteFlap® (bus flap)
- Truck trailers
- Car trailers
- Door frames



ISO 9001  
ISO 14001  
ISO 50001  
EN ISO 3834-2  
EN ISO 9085-2

