



5 Forming : Large Sheet Metal Parts



PROCESS DESCRIPTION

CAPABILITIES



Quenching	—————>	2 x Furnaces: 6m X 2,4m - 400-600°C (no aging)
Stretching	—————>	3 x Transversal Press: 500T to 2500T + 1 Bulldozer 400T (on the 2500T machine)
Rolling	—————>	1 x Machine: L6,5 - Thickness 1,2 to 4mm
Masking/mask cutting	—————>	1 x Masking Booth: 6,2 x 2,4 x 1,2m
Chemical Milling	—————>	2 x Chemical Milling Tanks: 6,5 x 1,4 x 2,4m
NC routing/drilling	—————>	3 x 5Axis CNC Gantry Machines: up to 12 x 3 x 1,5m
Surface treatment	—————>	Useful Bath Dimensions: 10 x 1,2 x 2,3m CAA – TSA – PSA – Alodine 1200s
Painting	—————>	1 Painting/Curing Booth + 1 Conveyor/Thermoreactor

PRODUCT IDENTIFICATION

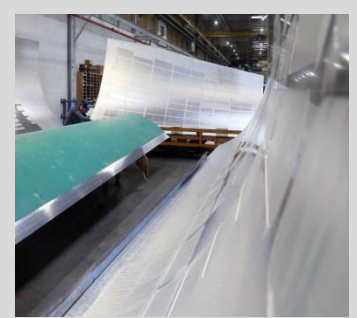
- 🌿 Large aluminium sheet metal parts
- 🌿 Skin Leading Edges, Panels, Front & rear fuselage skins
- 🌿 Complex parts: belly fairing, kink,...

QUALIFICATIONS

- 🌿 EASA Part 21
- 🌿 EASA Part 145
- 🌿 EN 9100
- 🌿 ISO 14001
- 🌿 NADCAP (heat treatment, chemical milling, NDT, surface treatment, painting)

DIFFERENTIATION

- 🌿 Largest and most unique stretch forming press in Europe
- 🌿 Infrastructure and 35 years experience to produce most complex parts (e.g slat with reduced radius) and complex fuselage panels (rear fuselage, kink, belly fairing,...) in aluminum 2024, 7475 & 6013
- 🌿 Top Quality visual aspect (polish, ...)
- 🌿 Unique simulation capabilities to predict springback
- 🌿 Price attractiveness thanks to state-of-the art equipment and production optimization
- 🌿 Flexibility & reactivity in production (High volume, different production rates,...)
- 🌿 Complete D&B Capabilities (incl. Certification)



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