



CREATING INDIVIDUAL TECHNOLOGIES

**YOUR PARTNER FOR INNOVATIVE
PLANT AND TOOL TECHNOLOGY**

**PRESS LAMINATING
INCLUDING
AUTOMATIC FOLDING**



Alba is an internationally active and recognised technology provider in the field of laminating and edgerefolding. Alba manufactures tools and systems for laminating processes worldwide, which meet the highest quality and efficiency requirements. Alba offers an all-in-one package that includes the processes of laminating, edgerefolding and the **Multipurpose Edgerefolding & Press Laminating Tool (ME-PLT)** technology.

AREAS OF APPLICATION

- | **Automotive industry (instrument panels, door panels, centre consoles, seats, pillars, etc.)**
- | **Furniture industry (seats and seat systems, coverings)**
- | **Medical areas (seat covers, panelling)**
- | **Transport industry such as aviation and rail transport (seats, armrests, consoles)**

OUR STRENGTHS

- | **Standard or individual systems according to customer requirements**
- | **Flexible modular system with various expansion options**
- | **Partially or fully automated solutions for the production of complex laminated parts**
- | **Compact and modular plant construction**
- | **Short cycle times due to interlocking process sequences with servo-drive technology**
- | **Individual tool design in accordance with the product and variant requirements**
- | **Complex 3D geometries with undercut surfaces can be realized**
- | **Large variety of decors and variants can be implemented with only one tool**





MULTIPURPOSE EDGEFOLDING & PRESS LAMINATING TOOL (ME-PLT)

The ME-PLT is suitable for components with and without stitching. A wide variety of decors can be realised, from foils to press laminating of fabric, dinamica as well as artificial and genuine leather.

BENEFITS MULTIPURPOSE FOLDING & PRESS LAMINATING TOOL

- | Seam positioning by adjustable gate-guided seam blades
- | Fixation of decors via a full-surface controlled vacuum system
- | Wrinkle-free decor placement by means of a servo-motorised positioning system using pin or clamping units
- | Split matrices with swivel laminating stroke (ideal for components with steep surfaces and undercut areas)
- | Component temperature control and adhesive activation via an adjustable radiator package with individually controllable infrared radiators
- | Special mirror surfaces can activate a 180° fold even on very narrow beam part surfaces
- | Special edgelifolding slider design at acute corner areas enables a rework-free process
- | Average machine cycle time is approximately 75 seconds
- | Quick tool change due to multi-media couplings
- | Easy tool change with a jack lift
- | Space-saving as no tool change trolley is necessary



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