



**Aviator™
3D Laminating
Presses**

GRECO
MANUFACTURING

Innovative Products for Innovative People

midwest 
GROUP ONE

Aviator™ 3D Laminating Presses

For Aircraft & Railcar Interiors

The AP 508 C Clamshell Laminating Press from Greco Manufacturing is designed to form engineered decorative laminates and films around molds that are subsequently used in aircraft and railcar interiors.

The AP 508 C is ideal for companies that need an economical solution for smaller production requirements and where maximum thickness is less than 15 inches at the center of the form.

Features Include

- Operator interface with color display
- PLC controlled sequence of operation
- Infrared heating system with 375 watt elements rated at 10,000 hours life
- Infrared non-contact temperature sensor to read actual surface temperature
- 2 HP vacuum pump with pressure gauge
- Pre-vacuum switch operated from the control panel
- Manual bleed valve to release vacuum
- Viewing windows and interior light
- Silicone membrane kit with locking clamps

Optional Equipment

- Custom sizes



Production Sequence

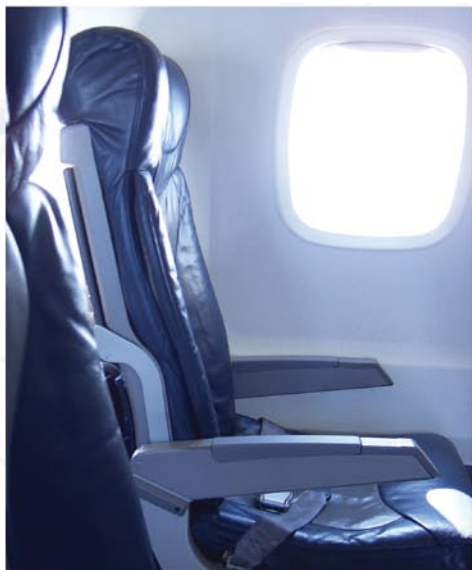




Benefits

- *Economical*
- *Small Footprint*
- *Easy to Operate*
- *HMI with Color Monitor*

Completed Interior



Aviator™ 3D Laminating Presses

For Aircraft & Railcar Interiors

The AP 712V 3D Laminating Press from Greco Manufacturing is ideal for companies with larger production requirements and can produce parts up to 24 inches high at the center of the form.

Features include

- Operator interface with color display
- PLC controlled sequence of operation
- Infrared heating system with (84) 375 watt elements rated at 10,000 hours life
- Heating elements are individually adjustable to match part contour
- Infrared non-contact temperature sensor to read actual surface temperature
- 5 HP vacuum pump with pressure gauge
- Pre-vacuum switch operated from the control panel
- Manual bleed valve to release vacuum
- Hydraulic vertical lift
- Viewing windows and interior light
- Shuttle conveyor with floor mounted rails and locking casters
- Silicone membrane kit with locking clamps

Optional Equipment

- Custom sizes
- Second shuttle press





Benefits

- *Adjustable Heating Elements to Match Part Contour*
- *Large Range of Profiles up to 24 inches high*
- *PLC Stored Laminating Recipes to Reduce Set-Up Time*
- *Optional Second Shuttle to Increase Through-Put*

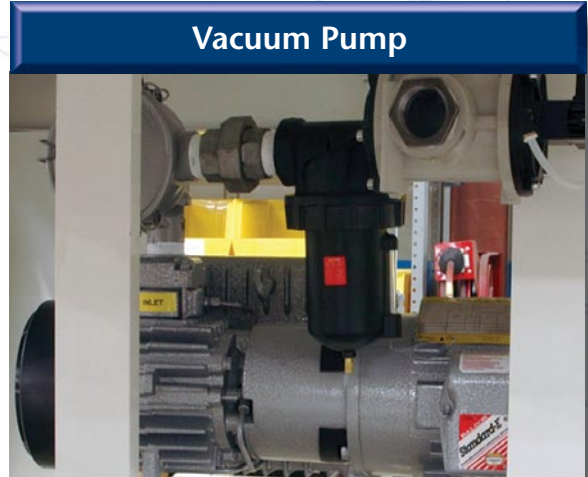
Close up shots

Control Panel



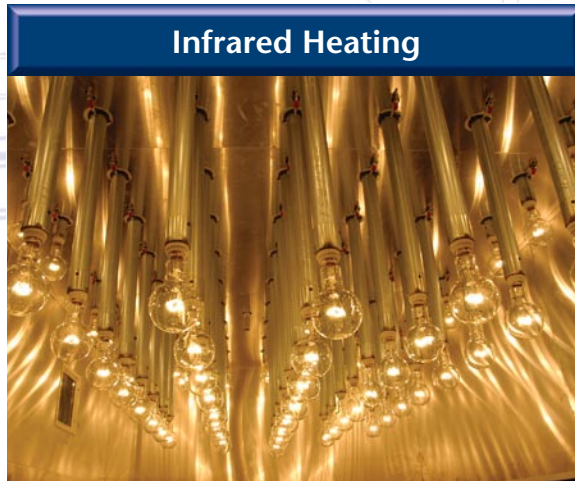
Operation interface with color display.
PLC controlled sequence of operation.

Vacuum Pump



Standard vacuum pump creates a nearly perfect
vacuum of 14.2 PSI at 29.6 in Hg.

Infrared Heating



Heating elements are individually adjustable on the
AP 712 V model to match part contour.

Hydraulic Lift



Vertically raises and lowers heating chamber with
self-contained hydraulic system.

Shuttle Conveyor



Optional second shuttle is available on the AP 712 V
for increased production.

Aircraft & Railcar Interior Component Parts



LS6 & 7

477.75

Midwest Group One

2645 26th Avenue South

Minneapolis, MN 55406 USA

612.721.5347 voice

612.721.1736 fax

midwestgroupone.com

