



**Machinery for the Woodworking, Stone,
Glass, Plastic, and Metalworking Industries**



Date : 06/03/2025 - 11:01 AM *
EXF # : PM-010523
Category : PRESSES-MEM/VAC./EMBOSS
Brand / Model : SHAW ALMEX "TL-6-59-114"
Machine Type : THERMOFORMING VACUUM PRESS
Year of Mfg. : 2004
Condition : Excellent condition
Elect / Voltage : 480 V, 60 Cy, 3 Ph.
Special Note : Best Buy

FOB / Region : SOUTHEAST

Appr. Repl. Cost. : \$ 190,000

Price : **\$ 59,500 ***

Comment : Well known
Canadian/American
manufacturer of Membr

Leasing : Lease for \$ 1,196/Mo. at
NCL

* Pricing is valid at the time of printing and subject to change at any time.

Description :

- **SHAW-ALMEX TL6-59-114 Thermo-Laminating Press with Membrane installed and Single Tray.**

Membrane or "membraneless" operation for vinyl foils & veneer products; by flipping a switch at the control console it changes from membrane to membraneless pressing. Membranes are normally about 3 mm thick.

Principle of Operation:

- Uses "high volume" air pressure from 240 Gal storage tank and a powerful 5 HP vacuum pump producing suction. Both pressure and vacuum are applied at the same time. Works without hydraulic cylinders:
- A platen size rubber pressure air bag under the lower platen (bolster) inflates and can withstand pressure up to 300 PSI. Deflating it opens and closes the press. The vacuum sucks down the vinyl to the substrate.

Platens:

- 59" x 114" Aluminum top platen w/clamped on membrane. Top platen resistance silicone heater elements,



Please ask me

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150° - 350° F max. temperature with infinite control, approx. 15 KW heating elements in each platen.

- Lower press platen reinforced rubber pressure bag integrated below the platen, 70 PSI max. pressure resists the pressure developed by the upper inflatable membrane.

Tray Table:

- Single tray shuttle infeed for loading and unloading, 59" x 114" aluminum top platen. Tray dimensions 52" x 107", 1.0" max. part thickness. Tray shuttles in and out of press on track guided for loading and unloading.
- **Capacity: Approx 52" x 107"**, Max. part size in each tray. Max. unit laminating pressure is about 84 PSI.

Features & Includes:

- ALLEN-BRADLEY "SLC 500" series PLC control for press cycle, pressure and heat controls, built in to the 114" side press for space savings and with cooling ventilation.
- (2) Foil Unwinding Stations available at extra cost.
- Power requirements 30 KW.
- **Also Includes:** (1) Support Stand for PVC vinyl rolls.

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