

# ALPINE Roller Press

***Firmly completes the truss assembly process!***



**The Heavy-Duty 24" Roller Press by Alpine - Solid Construction, Built to Last.**

The 24" Roller Press by Alpine is the foundation of today's high capacity assembly systems. Qualities such as speed, strength and safety are the cornerstones of it's design.

A Roller Press must handle a continuous parade of assembled trusses from today's multiple jiggling stations, computer controlled setups and back-to-back gantry systems. At 140 linear feet per minute, the 24" Roller Press by Alpine will get the job done - *now*. Quality engineering and heavy duty components guarantees the necessary final step of plate embedment is done right the first time - *and every time for years to come*. The electrical system is designed to be easy to use and maintain but is sophisticated enough to safeguard your workers. The use of "Smart Relays" allows the Roller Press to be shut down quickly in the event of a safety concern, yet completely controlled to avoid damage to the machine. Maximize your production with the proven reliability of the 24" Roller Press by Alpine.



Continuous duty 15-hp motor and gearbox engineered for years of trouble free performance.



- Easy to operate with simple push button switches
- Quality engineered and built to last for years of reliable service
- Simple drive system requires a minimum of maintenance
- Heavy Duty baffled 1" wall rollers for complete plate embedment
- "Smart Relay" technology reduced mechanical stress while maintaining safety
- Made in the USA by Alpine

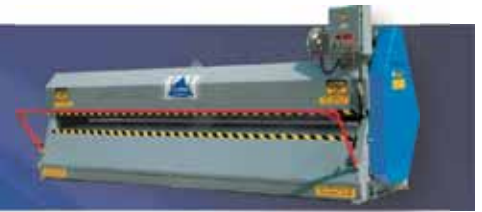


**Synchronizing the Component Industry**

**ALPINE EQUIPMENT**  
A Division of ITW Building Components Group Inc.

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## SPECIFICATIONS

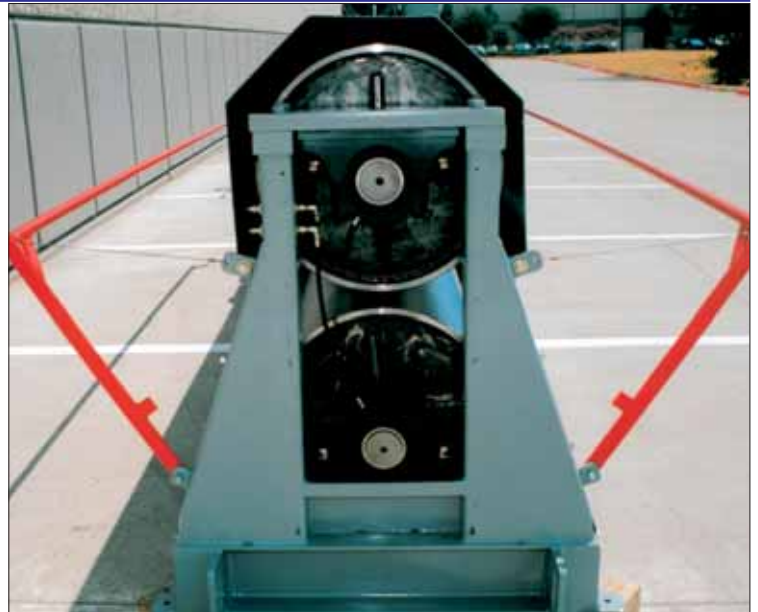
<b>Capacity (roller length):</b>	15 ft., 6 in.
<b>Overall length:</b>	17 ft. 6in.
<b>Overall width:</b>	3 ft. 6 in.
<b>Overall height:</b>	6ft. 10in.
<b>Floor height to top of bottom roll:</b>	2ft. 6-3/16 in.
<b>Weight:</b>	13,100 pounds

**Drive Unit:** The 24 in. Roller Press drive is a 15-hp gear motor with a 25:1 ratio. The gear motor drives the roll via a double-100 chain through two sprockets that assure non-slip synchronization.

**Roller Construction:** A 4-inch round steel shaft runs completely through the 24-inch diameter of each roll. The wall of the roll is an inch thick with 9 half-inch baffles hard-welded to the shaft and roll. End baffle gussets are included for additional strength and the roller shafts' ends are mounted with sealed, self-aligning roller bearings.

**Electrical:** One reversing magnetic starter with reset; one forward, reverse and stop switch; and two safety limit switches. All wiring is mounted on the right side of entry position. The press can be wired for either 240 or 480 volt, three phase, 60 cycle power. 208 voltage is also available.

**Safety:** Safety bars are located on both sides of the roller press. Optional remote safety bar kit available for installation against a wall. When the safety bar is activated, power to the motor is reversed for a fraction of a second. Using the "Smart Relay" electrical technology, the roller rapidly but smoothly "brakes" to a stop and reverses for one second without the damaging effects of directly reversing the power to the motor. Wear and tear on the Roller Press is dramatically reduced without compromising worker safety.



*Left end with cover removed. Note massive bearings engineered to carry a 30,000-pound load. Grease fittings for the bearings are easily accessible without opening the covers.*



*Right end with cover open. Extra heavy double-100 chain and rugged chain tensioner.*



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