

SERVO-DRIVEN TO OPTIMIZE YOUR AUTOMATION AND QUICK-CHANGE NEEDS



Brown LS trim press sets the industry standard for speed, accuracy and flexibility. Properly equipped, the LS press will consistently run at speeds of up to 165 CPM. In addition to speed, the servo-driven LS press is configured to slow down to eject and speed up to sync with the cycle time of the thermoformer. This functionality is necessary to incorporate downstream automation and maximize your output. With the quick-change tool mode and drop-away arm features on the *Elite Series*, changeovers are easily achieved and can be made in 30 minutes or less. Speed, flexibility and automation compatibility all add up to the highest performing trim press on the market.

Partner the LS-Series trim press, *Quad Series*™ former, NAS automation and tooling from Brown Machine Group for an unparalleled, integrated turnkey solution.

FEATURES

- **Controls** – Allen-Bradley HMI and PLC control with Yaskawa motion control
- **Linear Bearings and Deeper Moving Platen** – virtually zero deflection at full tonnage, greater stiffness nearly eliminates tilt in off-center trim tool load conditions
- **Drop-Away Arm** – ultimate quick-change in 30 minutes or less, provides clearance for trim assembly maintenance without having to remove the trim tooling
- **Servo Drive and Fly Wheel** – achieve greater speeds

OPTIONS

- Quick-Change Tool Packages
- Tool Carts & Die Set Roller/Elevator Systems
- EZ-Adjust Stroke (Patented)
- Fine Adjust Connecting Arms (Patented)
- “Drop-Away” Connecting Arm Release (Patented)
- “Neutral Link” Linear Guided Counterbalance (Patented)
- Treadle Lift System
- Servo-Actuated Treadle System
- Quick-Change Feed & Canopy Guides
- Servo Ejector with Count/Eject Capabilities
- Product Handler Interface
- Trim Press & Tool Monitoring
- Overhead Mezzanine
- 65 Kilo Amp Short Circuit Rating
- UL, CE, CSA & HSE Approvals
- International Voltages Available

SPECIFICATIONS

	T-330LS	T-350LS	T-454LS	T-564LS
Maximum Trim Tonnage	30 tons 267 kn	30 tons 267 kn	40 tons 357 kn	50 tons 446 kn
Operating Speeds	Up to 165 spm	Up to 165 spm	Up to 165 spm	Up to 165 spm
Minimum Adjustable Stroke	4.5" 114mm	4.5" 114mm	4.5" 114mm	4.5" 114mm
Maximum Adjustable Stroke	13.5" 343mm	13.5" 343mm	13.5" 343mm	13.5" 343mm
Stationary Platen Opening* (Width x Length)	12.5" x 30" 318mm x 762mm	16.25" x 54" 413mm x 1372mm	16.25" x 58" 413mm x 1473mm	20" x 68" 508mm x 1727mm
	16.25" x 30" 413mm x 762mm	20" x 54" 508mm x 1372mm	20" x 58" 508mm x 1473mm	16.25" x 68" 508mm x 1727mm
Maximum Sheet Width	35" 889mm	55" 1397mm	59" 1499mm	69" 1753mm
Air Consumption @ 80 psi†	.01 scf Maximum per cycle	.01 scf Maximum per cycle	.01 scf Maximum per cycle	.01 scf Maximum per cycle
Quick Tool Change Frame (Side Load)	Standard	Standard	Standard	Standard
Elite Series Option	Drop-Away Connecting Arms, Treadle Lift System, Automated Changeover Control Position	Drop-Away Connecting Arms, Treadle Lift System, Automated Changeover Control Position	Drop-Away Connecting Arms, Treadle Lift System, Automated Changeover Control Position	Drop-Away Connecting Arms, Treadle Lift System, Automated Changeover Control Position

*Deep draw configurations available

†Air consumption does not include tooling functions

MACHINE HIGHLIGHTS



LS Trim Press With Automation System



Spread Bearings,
Full Open Platen



Neutral Link Counterbalance



Zero Slip Drive System



Drop-Away Arm



Creators of world-class machinery,
tooling and automation systems
RUN WITH CONFIDENCE

