

**INQUIRIES?**

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PRODUCT DETAILS**Systems Integration**

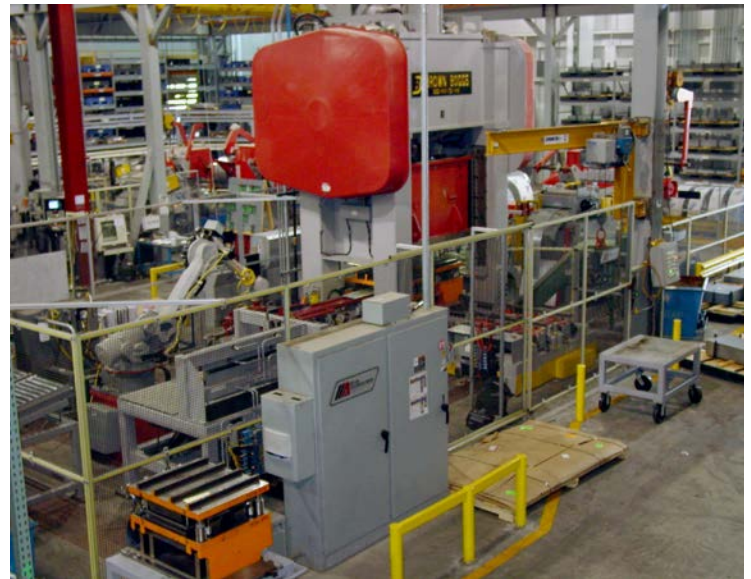
From turning a new or used press into a multi-purpose stamping cell to designing and building an integrated fabrication and assembly system from the ground up, Atlas puts decades of metal forming expertise to work on your manufacturing challenges.

BELOW LEFT

Completely automatic die storage/retrieval system serves two presses at an appliance manufacturing facility.

BELOW RIGHT

Atlas integrated and assisted in the installation of a complete louvered panel line system for a major HVAC manufacturer.

**AREAS OF EXPERTISE**

- + Atlas has worked with virtually every type of sheet metal automation
- + Blanking and blank handling (including stacking, reorientation, coating and washing)
- + Between-press and in-press transfer technologies and automation
- + Panel processing (including notching, bending, piercing, welding and palletizing processes)
- + Welding and assembly systems for fabricated parts
- + Finished part handling
- + Die change and automatic storage and retrieval systems for dies and materials
- + Die design optimization for automation
- + Objective based engineering studies that analyze needs and determine the optimum blend of manual operations, automation and controls
- + Turnkey responsibilities to include facilities upgrades along with the manufacturing system
- + Long term production support

**TOP & BOTTOM**

Four Atlas FLEX® transfer press cells at a contract stamping facility.

**FEATURES**

- + Pre-engineered modular and expandable system
- + Automated material in-feed automation destack and/or coil feeder
- + Programmable FLEX® series in-press transfer systems and Atlas FLEX® series tooling
- + Mechanical or hydraulic presses
- + Quick die change systems
- + Press control is integrated with automatic functions; controls are centralized within the main operator interface console
- + Standardized and integrated PLC and motion controller
- + Ethernet hub for remote data access and connectivity
- + Transfer dies and tooling can be included

BENEFITS

- + Turnkey transfer press solution
- + Higher productivity than tandem press line and mechanical transfer press
- + High reliability and maintainability (R&M), with reduced troubleshooting downtime
- + Affordable cost
- + Faster delivery and return on investment
- + High quality assurance
- + Proven in the field

OPTIONS

- + Offal handling
- + Automated die storage and retrieval (AS/RS)
- + End of line finished part handling
- + Robot end of line systems with vision
- + Transportable part containers and pallets