

The Accurpress Story

45 YEARS AND COUNTING



Accurpress has been committed to offering superior bending and shearing solutions in the precision forming of light sheet metal to heavy plate fabrication.

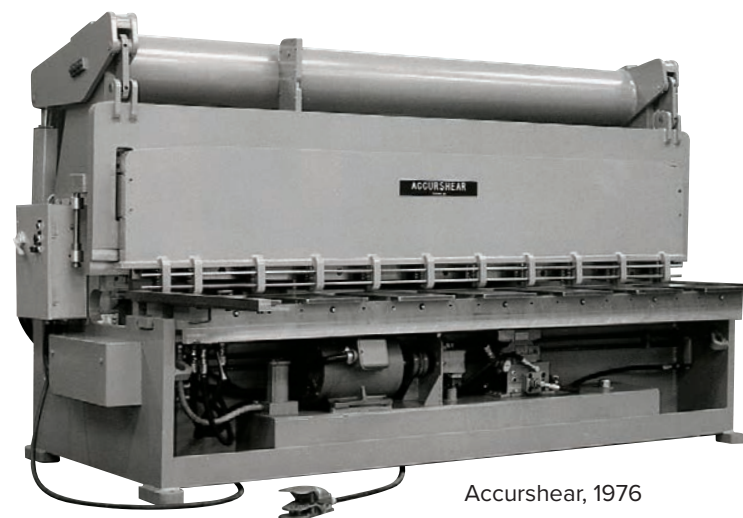
The Beginnings of a Great Company

Built on North American Tradition and Values

The Accurpress Company was founded in 1975 in Richmond, British Columbia, Canada. From very simple and humble beginnings with a promise to build a press brake for a local Vancouver fabricator, Accurpress began to grow and flourish as a credible manufacturer of quality machine tools. The founder and owner had a passion... build excellent machinery... treat the Customer with respect and see to it that Accurpress products are recognized throughout all of North America as a machine that offers great value.



250 Ton x 12' Accurpress, 1975



Accurshear, 1976



6500 Series Accurshear



Tandem Accell Press Brakes

Today Accurpress is North America's Best Value Press Brake and Shear

Many machine details have changed over the years, but the goal remains; designing, engineering, and producing high-quality press brakes and shears that will offer End Users a high return on their investment. From press brake #1, Accurpress began what has become a long journey in the machinery business, and by Year-2020 has over 21,000 press brakes from 25 to 2,500 tonnages, and shears from 10ga. to 1" capacities—machines in a multitude of precision sheet metal to heavy and sophisticated forming shops scattered throughout North America. No job is too big or demanding for Accurpress!

1975

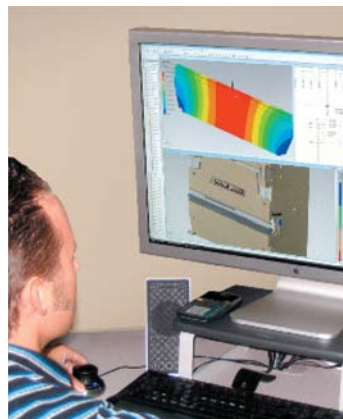
TODAY

Getting It Right at the Start



Total Commitment to Be the Best

Succeeding in business is often dependent upon getting the small things right at the beginning and then sticking to these principals. While forty-five years have brought enormous change to the machine tool industry, we at Accurpress continue to stand firm on the very foundation from which the company commenced. Every Accurpress machine, including the one you'll buy, is made with 100% of our best efforts. Our business depends on it and so does yours.



Engineering, Research, and Development

The Accurpress team of highly skilled engineers are dedicated to research and development. This commitment keeps Accurpress on the leading edge of press brake technology and provides you with yearly press brake enhancements, improved features, new options, and greater machine functionality.



Complete Manufacturing

Our entire line of press brakes delivers day-after-day reliability because they are engineered and built to last. We emphasize parts quality and labor expertise. We machine, fabricate and finish virtually every part inhouse. This manufacturing approach assures you of the highest standards in quality control.



Testing and Quality Control

Maintaining quality standards throughout the entire manufacturing process is essential in achieving a quality product. Before shipment, every Accurpress and Accurshear is put through numerous accuracy and functionality tests to ensure a smooth startup on day one.



Transportation

Upon completion, machines and accessories are carefully wrapped and secured on flatbed trucks so they arrive in perfect condition. The new additions are ready to start generating profits as soon as the electrical is connected, and they are bolted to the floor.



Commitment to Customer Satisfaction

Accurpress Customers Find Success with Accurpress Products



“Most important to me is the savings we experienced almost immediately. We did a time study and have reduced our setups from a half-hour down to 11 minutes. Due to material thickness and yield variations we were getting a 1.5-degree discrepancy from part to part. The feature I like most is the Material Thickness and Springback Compensation System.

We can now form consistently accurate parts and are able to introduce more parts to robotic welding. We have also reduced part rejects significantly over the last year.

The professionalism and knowledge of the Accurpress dealer in Illinois is another important reason we chose the Accell.”

*Shlomo Bar-Sheshet
Freedman Seating Company
Chicago, IL*



“I have so much to say about our Accell. We had been using two press brakes to bend one-piece part with a 30-minute tooling change per part. We can now bend this piece part on the Accell alone with a 2-minute tooling change.

I am very impressed, my primary operator has had unbelievable success with a repeatability that we were not getting from our other breaks. We will be using Accurpress equipment from this point on. Thank you for assisting our company in being successful!”

*Tony Sikes
Sikes Grills
Vidalia, GA*



What Happens After the Sale?

Accurpress Dealerships—working closely with Accurpress company personnel—offer you the highest level of support that extends over the duration of time that you own Accurpress equipment.

Accurpress Dealerships offer detailed help and information such as:

- Machine foundation prints
- Machine hydraulic oil specifications
- Machine electrical criteria
- Transportation and offloading instructions
- Machine installation details including startup assistance and machine sign-off
- Customer training
- Machine warranty support
- Long-term service support

Accurpress, along with Accurpress Dealerships, provide the highest level of service and support.



More than a Dealer... A Proven Partner

Service You Can Trust, Support You Can Rely On

Accurpress equipment is sold through leading machine tool dealers throughout all of North America. An extremely close partnership between Accurpress and its dealers provide you with thorough training, prompt service, first-class customer support and superior problem-solving. In essence, complete satisfaction—both before and long after your new equipment arrives.

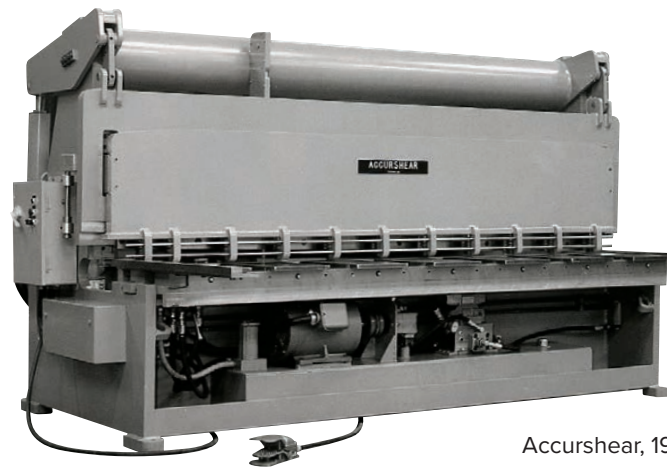
Accurpress is a renowned leader in building custom machines, with Application Engineers available to provide expertise and assistance in developing the right bending or shearing solution for your needs.

Accurpress, along with Accurpress Dealerships, are committed to earning our business through hard work and integrity with your interests at heart. We are committed to offering solutions for your fabrication needs and to ensure you receive the right machine to meet those challenges.



Leading the Way Over Many Years

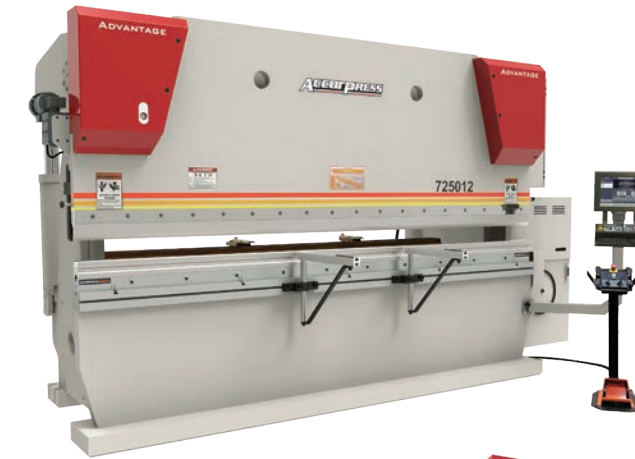
It has NEVER been an option to say “NO”, without a thoughtful investigation into what we can do to satisfy the endless requirements and challenges in the fabrication industry. The pictorial story to follow is a testament to the fact that we have been highly innovative from the very beginning.



Accurshear, 1976



6500 Series Accurshear



250 Ton x 12' Advantage



250 Ton x 12' Accell E



235 Ton x 12' Accell U



250 Ton x 12' Accurpress, 1975



250 Ton 12' Accurpress Rocker

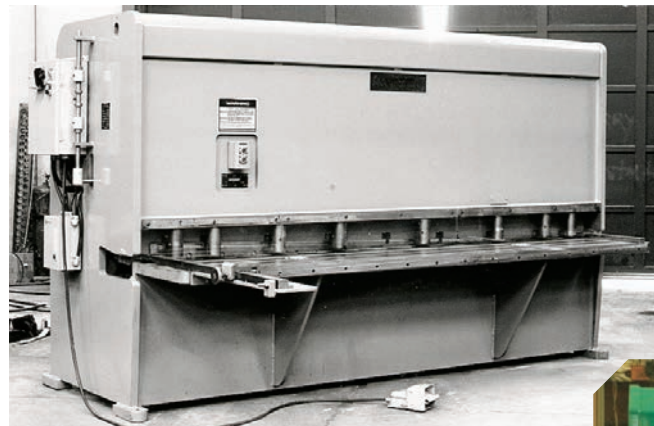
Succeed with Accurpress Innovation

The primary goal at Accurpress is to provide you with high quality, cost-effective solutions for your forming and shearing needs. We are innovative in our manufacturing processes and strive for perfection in every detail to ensure you receive the best possible value. Creativity and integrity are the cornerstone of our design, engineering, and manufacturing. We combine these qualities with experience, craftsmanship, and only the finest quality materials to deliver long-life and the utmost accuracy from all our products. You can rely on Accurpress's innovative products to facilitate your success.

Building Them Bigger

Meeting the Demand for Larger Shears and Increased Market Share

A Corporation may either embrace change or run from it. In the early years of Accurpress, it became apparent that there was a high demand for quality brakes and shears. Customers were asking for higher shearing capacities and press brakes with greater tonnage along with various time-saving accessories. Accurpress rose to the challenge and by the later 1970s expanded its business into the USA with a manufacturing facility in Willmar, Minnesota to accommodate their rapidly increasing market share.



1/4" x 10' Accurshear



1" Capacity x 16' Accurshear

1979



1250 Ton x 24' Accurpress

Continuing the Expansion to Manufacture Higher Tonnage Press Brakes

Accurpress further expanded its Canadian operation in 1981 and added another 20,000 square feet of production to accommodate the demand for larger press brakes such as this 1250 ton X 24-foot machine shipped to a fabrication shop in Portland, Oregon.

1981

The 1980's Accurshear Makeover

Making the Accurshear North America's Best Selling Shear

Several significant changes took place in the 1980s with shears that were being manufactured worldwide. There was a big demand for much higher cycle times as well as various shearing enhancements, which created a wonderful opportunity for Accurpress.

The Accurshear went through some changes that resulted in a lower profile version offering much higher shearing cycles per minute. Equally important was the need to maintain a quality shear that offered the structural integrity that was lacking from many shear builders.



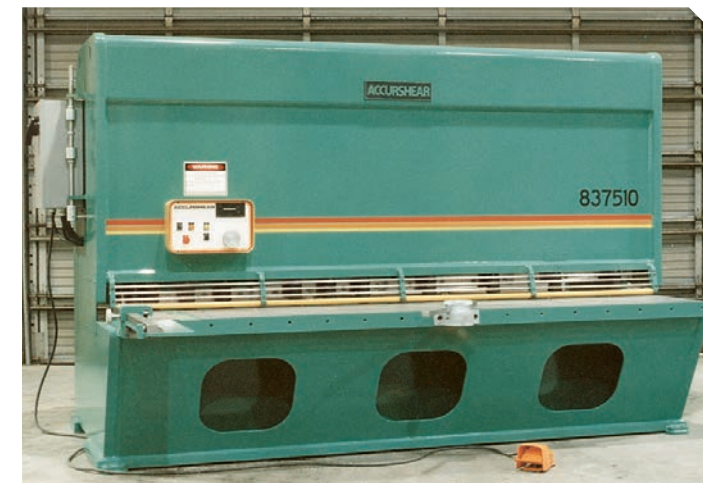
1/4" x 10' Accurshear



1/4" x 6' Accurshear



5/8" x 10' Accurshear



3/8" x 10' Accurshear

The addition of various cost-saving features such as manual and power blade clearance adjustments, greater backgauge functionality and swing-up backstop bars were introduced at this time... making the newly designed Accurshear the #1 seller in North America, a status that we have not relinquished to this day.



1/2" x 12' Accurshear

1983

1986

Press Brake Gauging is the Rave

Giant Leap into the CNC Market

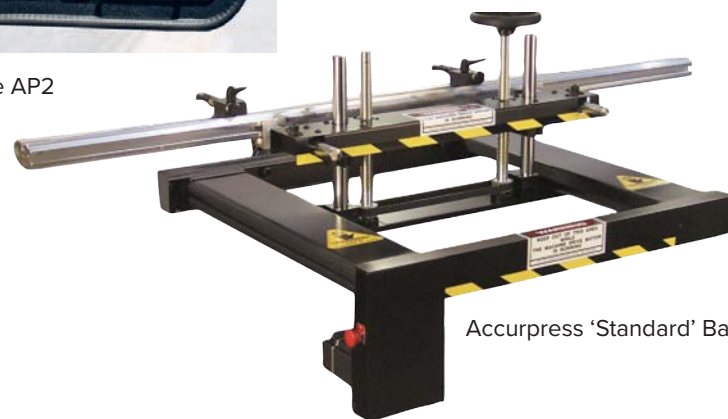
During these years the Accurpress company took a giant leap into the CNC backgauge market, introducing their first CNC gauge, the AP2.



The first CNC Gauge... the AP2

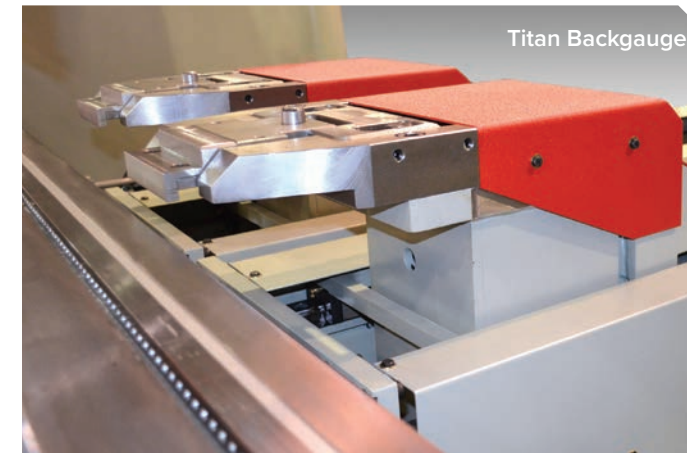


100 ton x 10' Accurpress, 1986

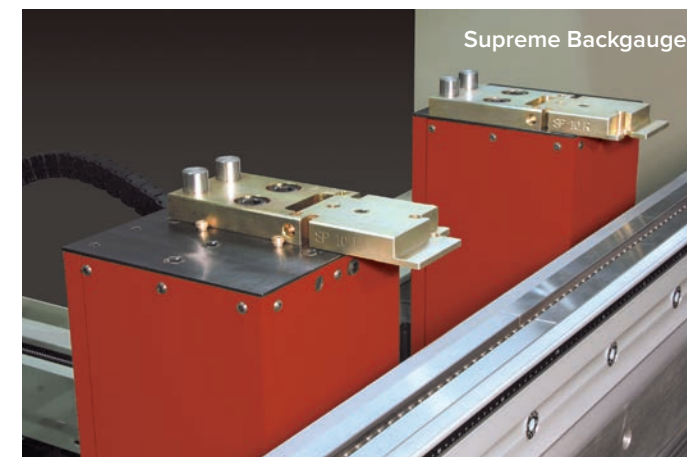


Accurpress 'Standard' Backgauge

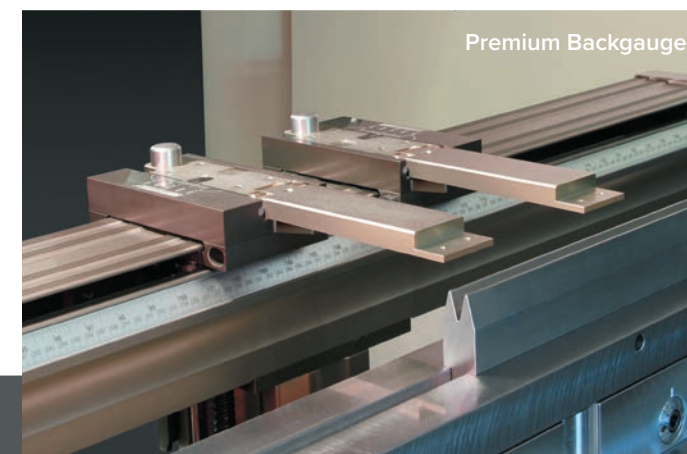
1986



Titan Backgauge



Supreme Backgauge



Premium Backgauge

Today Accurpress is a Leader in CNC Press Brake Forming

Numerous advancements and developments have taken place with Accurpress CNC backgauging to accommodate the most complicated and sophisticated applications. Gauging options are made available from simplistic X-axis to multiple axes controls offering a solution for all possible bending scenarios. Accurpress also offers a range of backgauges from Premium to Supreme to Titan... all built at their North American factories and offering specific features and ruggedness to handle every bending requirement from precision sheet metal to the heaviest of plate forming.



VISION 3D

TODAY

From the Smallest to the Largest

From 25 Ton...

Due to the high demand for press brakes in the 1990s, Accurpress management decided to expand its operation and selected Aberdeen, South Dakota for a new manufacturing facility. The 25-ton model as represented here was built in this Plant along with various other Accurpress models. To this day, Accurpress offers a greater selection of tonnage models than any builder of press brakes worldwide... Press brakes perfectly suited for those looking for precision bending in very light gauge applications to monster-sized press brakes for the heaviest of forming jobs.



25 Ton x 4' Accurpress

...to 3,000 Ton and Larger.

Accurpress is tooled up with machining centers and engineering prowess to handle virtually any tonnage and length of press brake. From the base machine... to Titan backgauging... to large channel lock dies, Accurpress is the solution.



2000 Ton x 30' Accell HT

SMALL

LARGE

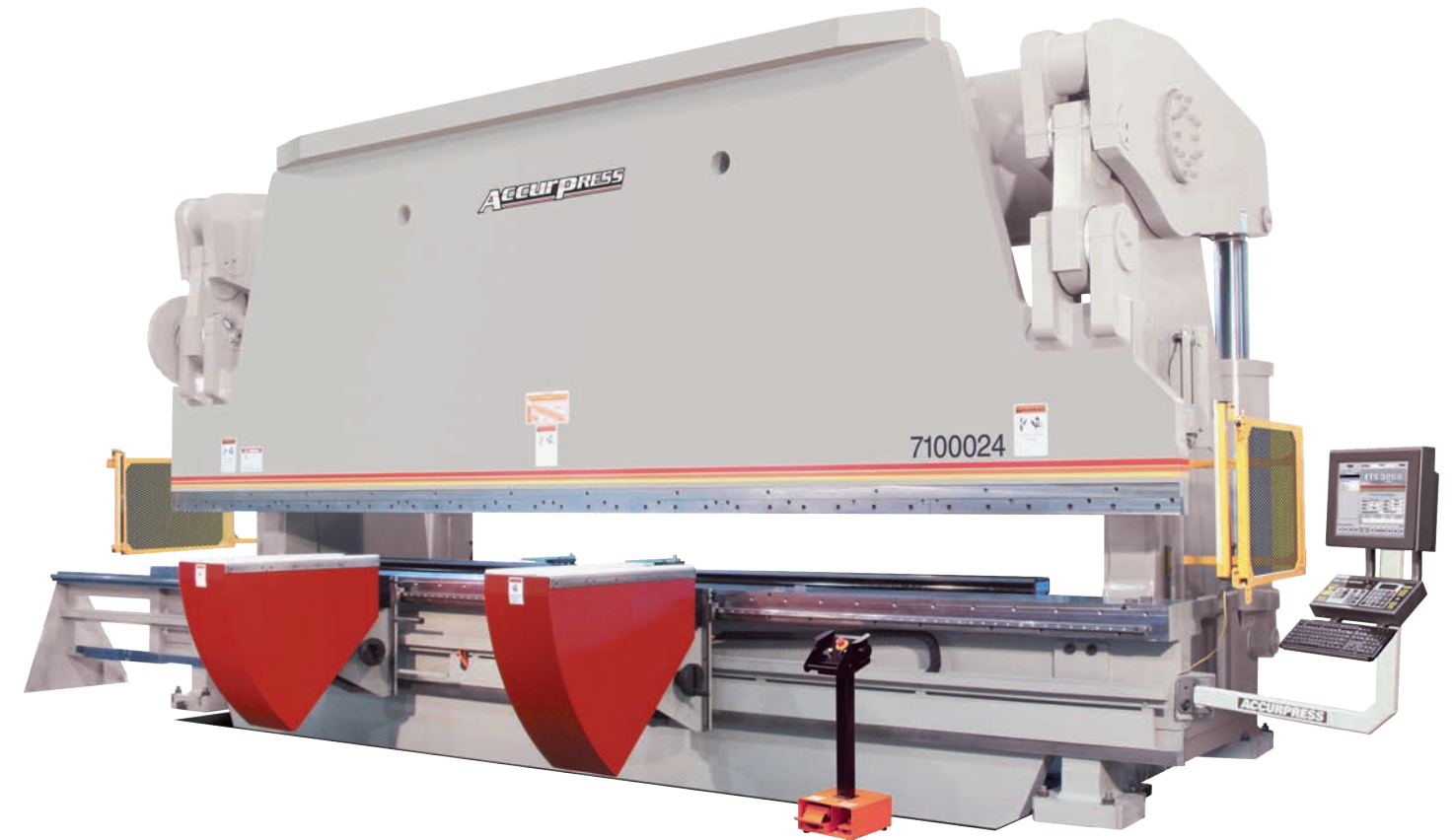
Specials and Accessories... We got 'em!



500 Ton x 14' Accurpress Rocker



1,500 Ton x 16' Accurpress Rocker HT



1,000 Ton x 24' Accurpress Rocker HT with Light Curtain Guarding and Dual Automatic Sheet Follower System

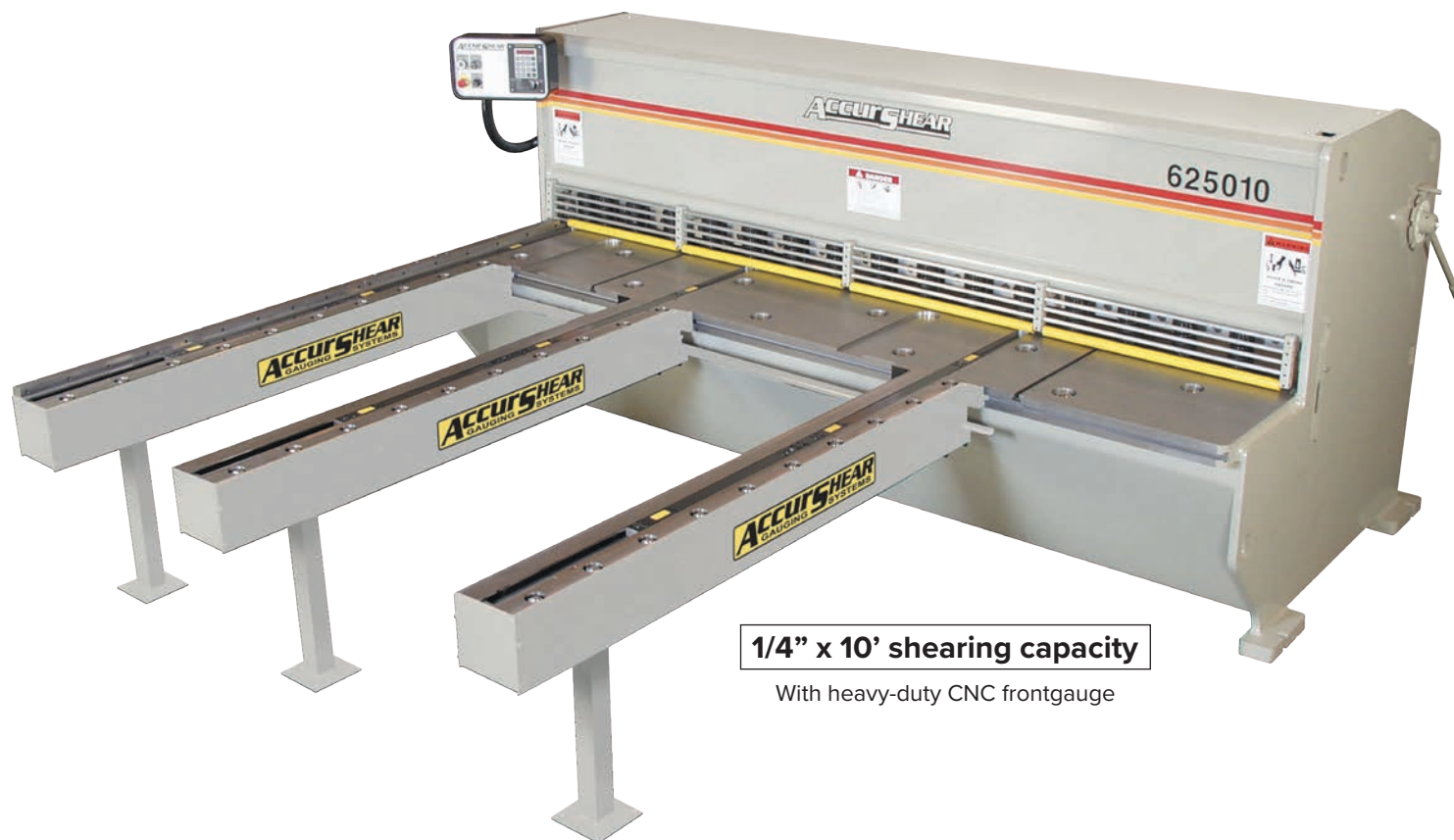
“No” isn’t an Option

From horn extensions... to bed & ram angles... to various light guarding accessories... to special open heights, stroke lengths... special bed options... and automatic sheet follower options, Accurpress is interested in accommodating whatever the need is and to do it most effectively.

Shearing Process Made Easier

Accurshear CNC Frontgauge

The CNC Frontgauge provides high positioning accuracy, high-speed shearing capability and easier handling of large plate. Thereby maximizing material usage and reducing personnel needs.



1/4" x 10' shearing capacity

With heavy-duty CNC frontgauge



Conveyor Stacker System

Satisfied customers report a significant reduction in labor costs with their new Accurshear Conveyor/Stacker. It is estimated that material handling consumes up to 95% of a shear operator's time. The Accurshear Conveyor/Stacker helps to eliminate much of this time by efficiently separating the trim cuts from the finished pieces, and then stacking them neatly at the rear of the machine. The payback time on this system is fast.

High Production and the Ultimate in Precision

The Competitive Edge

Continued Accurpress ingenuity and expansion led them to Rapid City, South Dakota in 2002 and further development of yet another Accurpress series to complement their entire line of press brakes and shears already offered. The Accell E—offering Y1/Y2 capabilities, is manufactured in tonnages from 75 to 500 and comes equipped with several attractive features including a variety of gauging options—is proving to be an excellent press brake for the North American market.



Accell to the Top

Meet the demand to form complex parts ... quickly... with the Accurpress Accell. The Accell is the ultimate press brake built in North America to handle the most challenging bending and high production applications. A few standard features include... fast ram speeds (two speeds in the bending cycle)... Material Thickness Sensing and Springback Compensation... and increased Stroke Lengths. Further, increase productivity with Robotic interfaces... Tandem packages... and multiple selections of hydraulic ram clamping and various gauging accessories.

Supreme Backgauge



3D Model Simulation



Generous Stroke and Open Height

Forming with Vision

The Revolutionary VISION Control

Accurpress introduces the new Vision Press Brake Control, a ground-breaking and revolutionary control software system for the Accell and Edge models. Vision streamlines and simplifies the bending process, giving you full control over every aspect of metal forming.

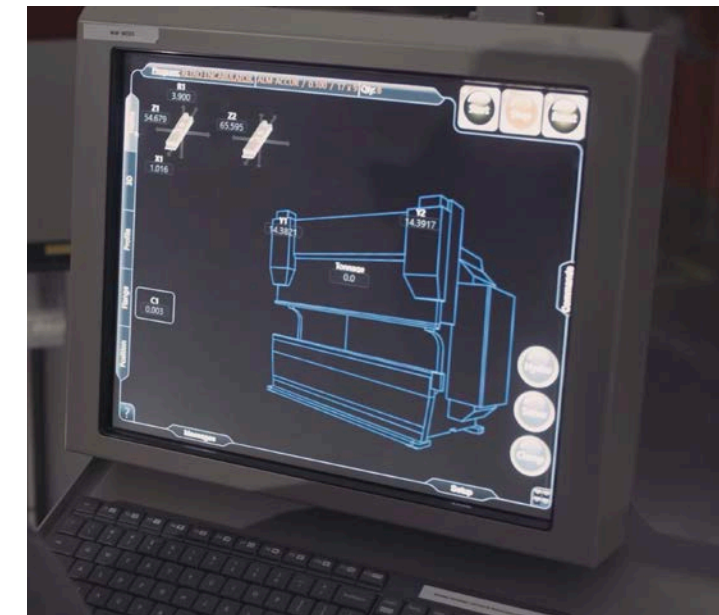
2D Features include:

- Touch screen control
- Automatic bend sequencing
- Automatic tool selection
- Quick tooling change
- Complete control over all axis
- Simple bump bending
- ...and much more!

The 3D upgrade allows you to transfer your 3D models from SolidWorks directly into Vision.

3D Features include:

- 3D bend visualization
- Direct import to Vision
- Automatic sequencing
- Offline programming
- Uses custom tools
- Streamline bending process
- Apply Vision bend tables
- ...and much more!



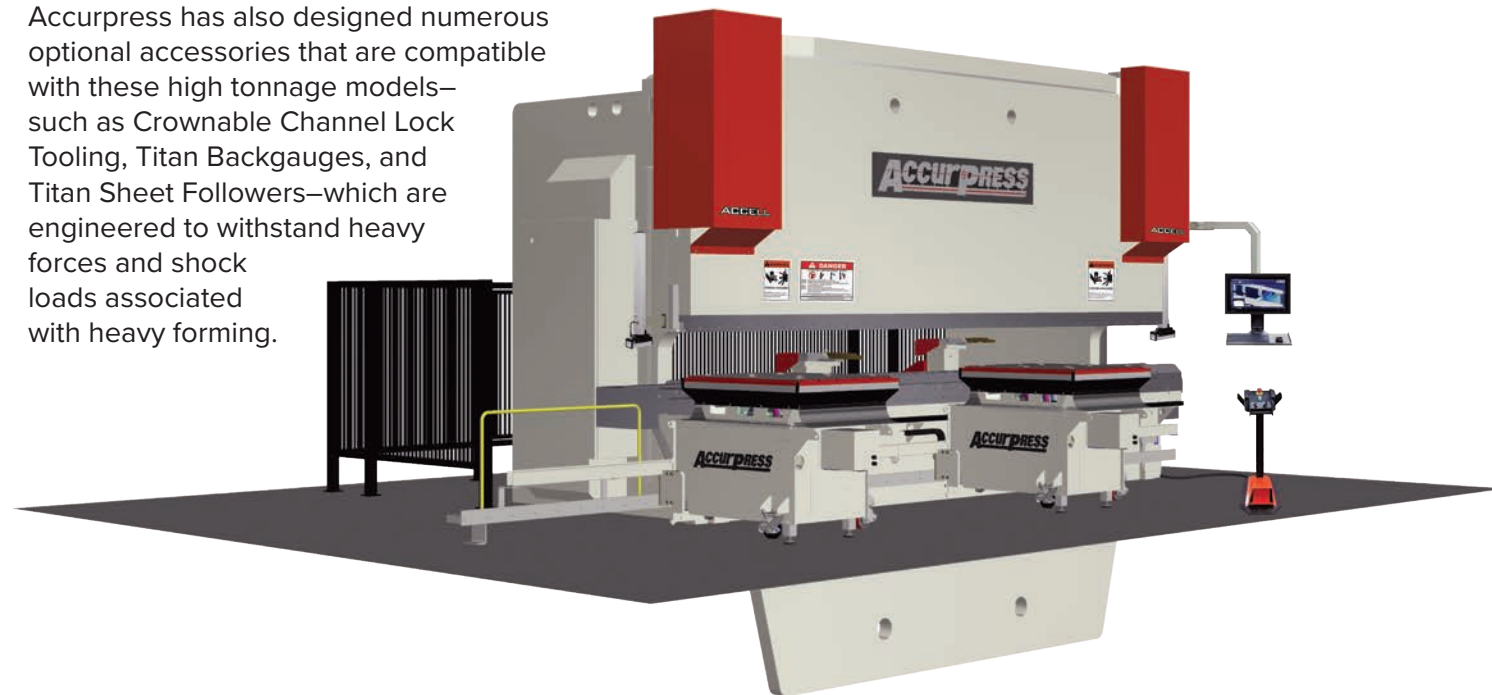
2012

High Tonnage Machines

Massive Forming Solutions

Accurpress offers a wide range and selection of high tonnage models up to 30,000 tons and long bed lengths customized to suit specific and complicated applications. Machines in these sizes are carefully engineered to satisfy customer needs and facilitate forming concerns with huge plates.

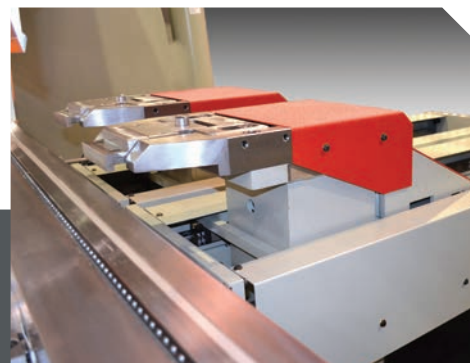
Accurpress has also designed numerous optional accessories that are compatible with these high tonnage models—such as Crownable Channel Lock Tooling, Titan Backgauges, and Titan Sheet Followers—which are engineered to withstand heavy forces and shock loads associated with heavy forming.



Titan Sheet Follower



Titan Backgauge



Tandem Press Brakes

In tandem mode, two or more Accell machines operate as one. In operation, the controllers are electronically coupled together to exchange information on set and actual positions, velocity, job steps, and various key positions.



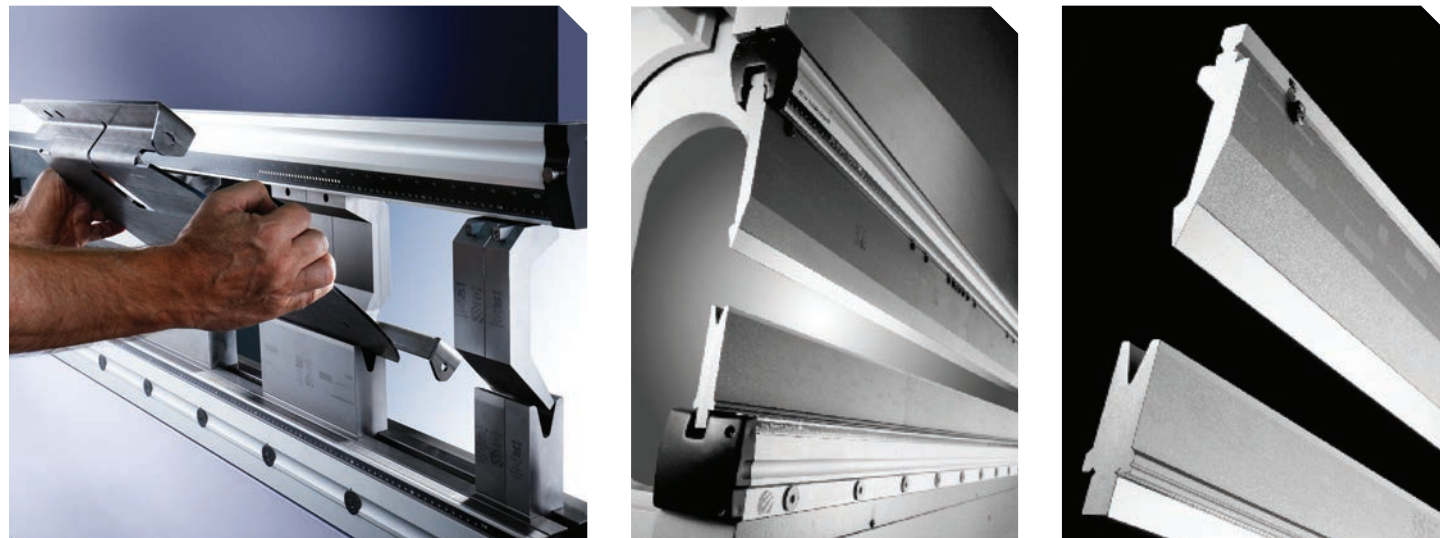
Tooling You've Always Dreamed Of

Innovative Tooling Solutions

Accurpress Tooling System's primary purpose is to provide you with cost-effective, high-quality solutions for your forming needs. Our innovative manufacturing processes and attention to detail ensure you the best possible value with Accurpress Tooling.

Creativity and integrity are the cornerstones of our design process, thus enhancing the productivity and flexibility of your press brake utilization. Accurpress uses only the finest quality materials to deliver long-life and utmost accuracy from all our products. You can rely on our experience and craftsmanship to facilitate your success.

Accurpress has partnered with Wila, producers of the world's highest precision ground tooling with deep hardened surfaces, and a variety of hydraulic ram clamping and die holder systems.

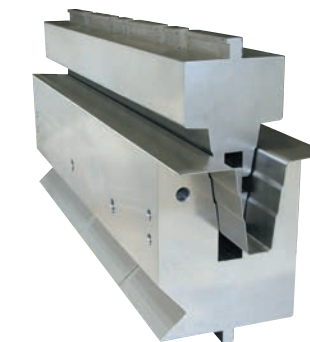


Accurpress has partnered with Wila, producers of the world's highest precision ground tooling with deep hardened surfaces, and a variety of hydraulic ram clamping and die holder systems.



Accurpress Custom Tooling

Accurpress offers turnkey custom tooling applications — tested and proven in our factory. Our dedicated tooling specialists will work with you to engineer the ideal solution for your special forming requirements.



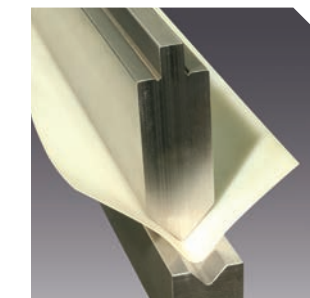
Rib Die



Roto Rib Die



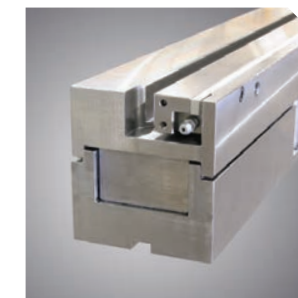
Hemming Die



Urethane Protective Die Film



Clamping Bar



A-3 Hydraulic Clamping Bar



Crownable Adjustable Channel-lock Die

As of the year 2020, Accurpress ingenuity continues to flourish and prosper, always meeting and exceeding the great challenges of the ever-increasing complications of press brake forming demands. Heavy sophisticated Channel Lock Adjustable Tooling with CNC crowning and power lock options offer some perspective as to the long road the Accurpress company has journeyed since the very early days of the mid-1970s.

Choose an Accurpress Hybrid Machine

Hybrid Technology

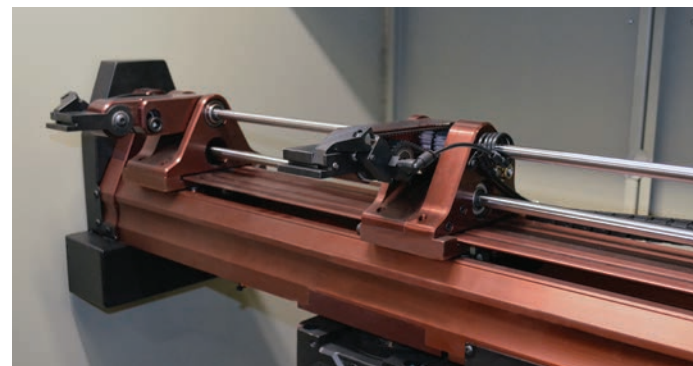
The Accell H exceeds performance expectations with its high-speed forming and ability to tackle any application challenge. With advanced motion technologies and the most flexible features and options, the Accell H is the ultimate in creating complex parts.

High Energy Efficiency

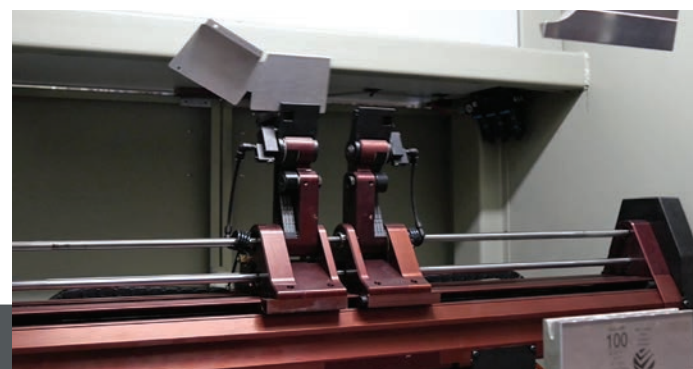
The Accurpress Hybrid machines use a combination of hydraulic and Servo Drive systems to control ram motion resulting in dramatically reduced energy costs.

Low Noise

The Hybrid is the quietest Accurpress machine available. With no hydraulic pump, shop noise is reduced significantly.



7-Axis



60 Ton Accell H



120-190 Ton Accell H



Fiessler Safety Systems

Protects the operator from pinch point hazard of closing tooling.

Ultimate in Speed and Accuracy

Ram repeat and positional accuracies are at an amazing ± 0.0002 and ram approach and return speeds at 540 IPM.

Streamlined Design

Accurpress Hybrid machines are easy to service and maintain.



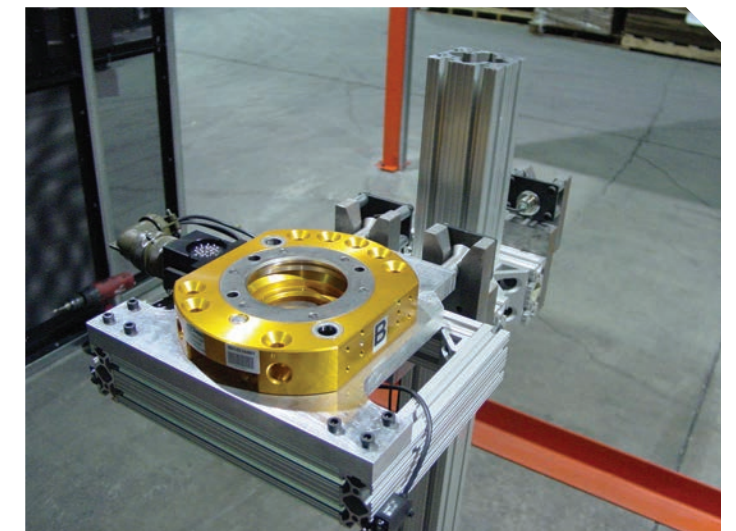
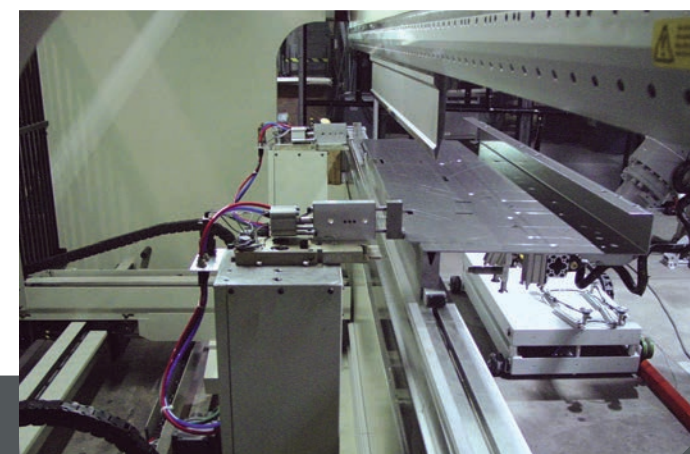
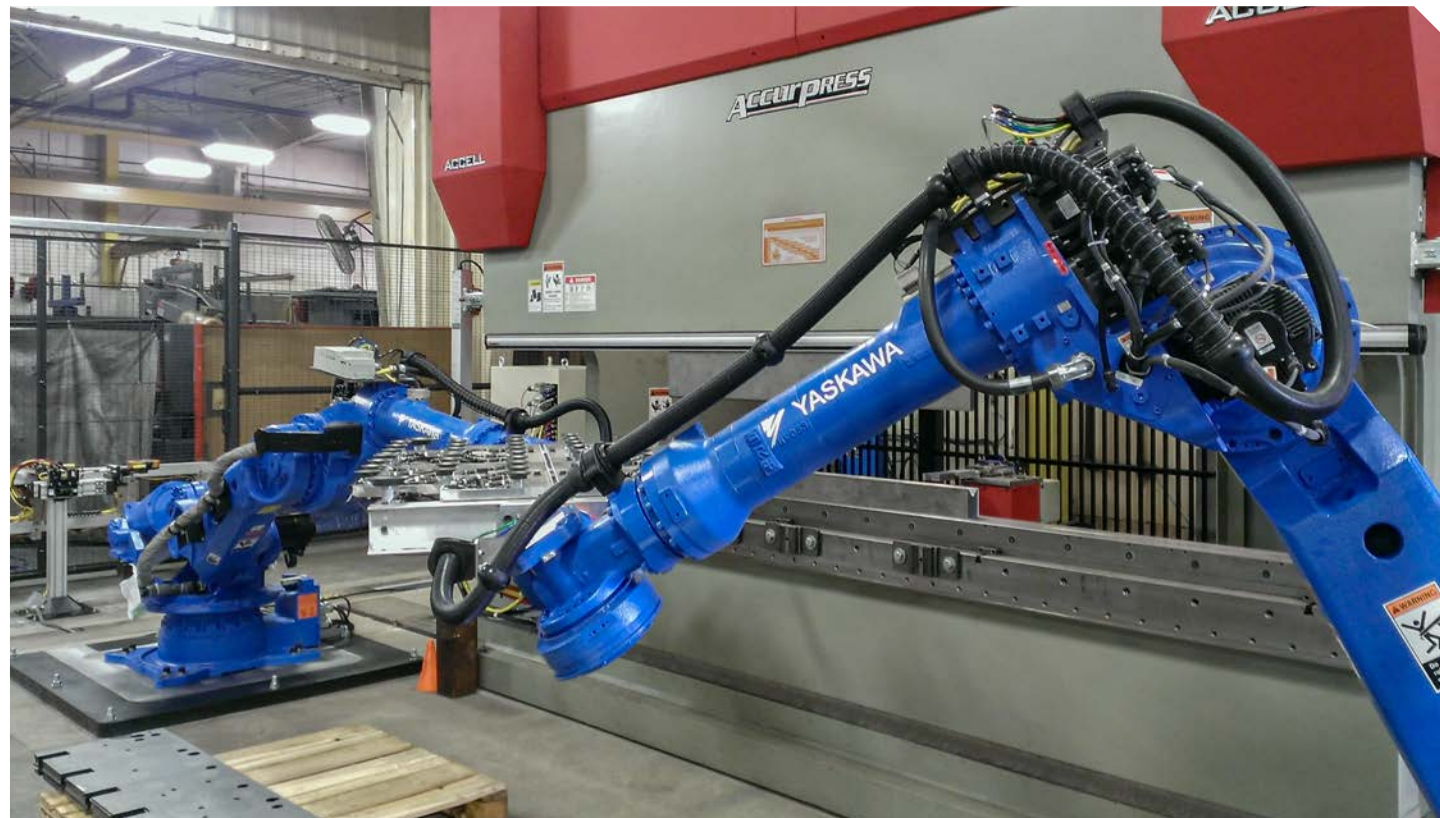
120-190 Ton Accell HU Package

2016

And the Story Continues...

Robotics Integration

Look to Accurpress for your future fabricating solutions. Accurpress's continued commitment to innovative forming and shearing technologies ensures their position as a progressive solutions provider into this next decade and beyond—with the finest press brakes and shears North America has to offer.



Accurpress offers robotic press brake solutions for automated bending. Robotized bending combines the Accell press brake with experienced partners in robotics and offline software, such as Motoman Solutions, to form complete automated bending cells.

Dealer Support Network

Accurpress Sales & Service is provided by an Authorized Dealer Network. All of our Dealers are factory trained and supported to provide you with knowledgeable, competent, and local service.



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For more information about our products, please refer to our comprehensive brochures or visit our site www.accurpress.com.