

Special Purpose Machinery For The Aerospace Industry

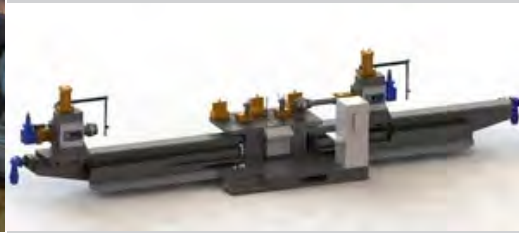


Stretch Forming Machinery



Engineering Solutions

At ACE we are committed to first class, design led engineering solutions geared directly at producing state-of-the-art machinery for the Aerospace and Defense industry.



For more than 145 years, customers all over the world have trusted ACE to provide machinery, equipment, and engineering solutions to help them make the things that make the world work. From forging machinery and presses to engineering support, parts and service, ACE offer a cost effective, bespoke solution.



Our Goal Is Your Success

Whether you need new machinery or equipment, replacement parts, rebuilds, inspections, or maintenance, we're here to support your operations and partner in your success. Our forging and forming machines are built to last, and our engineers and service technicians are dedicated to keeping your operations forging ahead

Main (left): CNC Controlled Extrusion Stretch Forming Machine undergoing FAT in our state-of-the-art manufacturing facility in Erie PA.

Above (top): CNC Controlled Transverse Stretch Forming Machine

Above (bottom): Extrusion Stretch Forming Machine Complete With Rotational Jaw Function

Our Machine Range Includes

- ❖ Stretch Forming
- ❖ Forging
- ❖ Carbon Extrusion
- ❖ Hot & Cold Forming
- ❖ Compression Molding
- ❖ Composite
- ❖ Powder Compacting
- ❖ SPF/DB
- ❖ Material Handling Systems
- ❖ Automation



Evolution Of Forging

Turnkey Engineering Solutions

ACE, working with experienced technology partners, offer complete turnkey solutions including robot integration and material handling systems



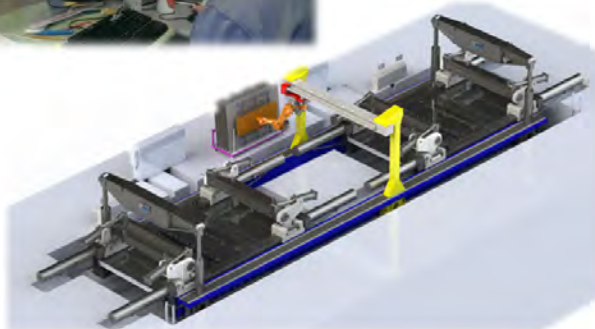
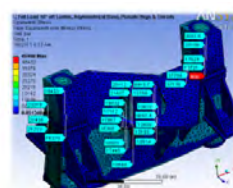
With employers everywhere facing chronic labor shortages, automation can play a key role in bridging the labor gap. It can also improve worker safety and boost productivity, often significantly.

Automation upgrades for new and re-manufactured equipment are growing in importance and sophistication every year — from horizontal forging machines and vertical presses to hammers, solid ball die forgers and much more. As the largest forging equipment supplier in North America, ACE is at the forefront of the automation movement.



Robotics can form a big part of any automation upgrade. Repetitive tasks that were once performed manually — such as moving heavy steel rods, pipe and other stock in and out of forging equipment — can often be replaced with robotic arms or servos:

Robotic arms can be installed to remove trim on newly forged parts
Robots can automate part transfers in two-stage forging die presses
Parts can be moved through various stages of the forging process with robots and other motorized devices





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Investing In The Future Of Global Manufacturing Services And Products

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The policy of ACE is one of continuous product development. The right to change specification and design at any time without notice is reserved. 03/08/23/BR