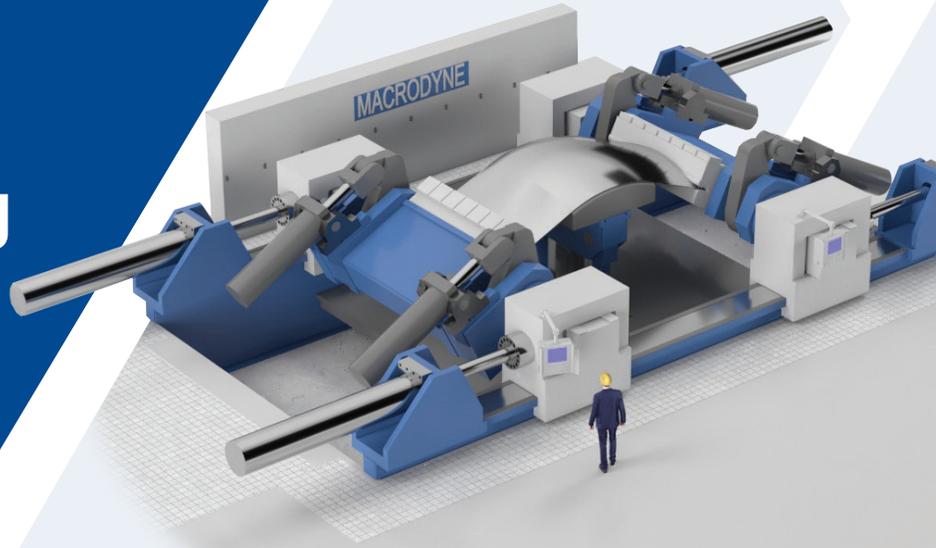




## Process accuracy, consistency, and repeatability using Stretch Forming

Macrodyne Stretch Forming Presses are available in a variety of configurations to form Sheet Metal, Extrusions, and Brake-Formed Profile Parts



### Macrodyne Advantages

#### North America's Largest Hydraulic Press Manufacturer

Heavy-duty presses up to 20,000 tons, Automation, and Die Handling Equipment for dies weighing more than 100 tons.

#### RELIABLE

The industry leader in designing and manufacturing high-quality hydraulic presses with superior operational flexibility and extensive functionality to perform for decades.

#### CUSTOMIZABLE

Standard or custom-designed solutions for any application.

#### COST-EFFECTIVE

The right press and automation for your application within your budget.

### Innovative Stretch Forming Solutions

The Sheet Press is typically used to form large sheets, while the Swing Arm – V-Style Stretch Wrap Forming Press is used for extrusions and break formed parts.

#### Sheet Stretch Forming Press for Fuselage Skin Panels.

Custom features specific to our customer's program needs:

- Independent acting jaws in all axes of motion
- Counter-forming bulldozer
- Leading edge for wings
- Stationary die tables

#### PLC motion control for process accuracy, consistency and repeatability of more than 30 axes of motion

- Complex contours
- Tangency tracking device
- Rotating Die Table
- Curving Jaws
- Long skin panels

#### Profile Stretch Forming Press for Airframe Structures

- Custom dimensions and tonnages to meet specific part making needs
- Quad axis forming designs available for lift and twist
- PLC controls for repeatable quality parts
- Precise forming to meet fuselage contour

In addition to supplying new custom stretch forming hydraulic presses, Macrodyne provides comprehensive service, rebuild and upgrade options for existing presses of all makes and models.