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.

Contact us today for a quote or for more information
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