

Achieve Superior Torsional Rigidity and Dimensional Accuracy through Hydroforming

Macrodyne hydroforming presses are designed for the manufacture of both solid and hollow components with complex geometries and high level of torsional rigidity.



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 Hydroforming Solutions

Macrodyne Hydroforming Presses are designed for both high and low pressure complex hydroforming applications involving sheet or tubular based parts. Our presses are fully integrated with high pressure water systems and associated precise and flexible control systems.

Macrodyne's hydroforming presses can be supplied complete with a wide variety of ancillary equipment including robots, in-press transfer systems, exit conveyors, automated die storage & retrieval systems and more.

Macrodyne hydroforming presses have a variety of available options including:

- Intensifier units up to 80,000 psi
- Multi-axis feed cylinder assemblies
- Quick die change packages
- Data acquisition packages
- Remote diagnostics packages

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