

We will listen, work with you, and ensure you get the **Bale Press** you need

Macrodyne's pulp baling and slab presses (bale-forming machines) are designed to surpass the Pulp & Paper Industry's stringent requirements for consistent and uniform bale weight, shape, and density. Macrodyne will meet your specification and exceed your expectations. Our presses are manufactured in North America and are installed and supported around the globe.



Macrodyne Advantages

EFFICIENT

Our presses can achieve productivity rates up to and exceeding 450 bales per hour.

COST-EFFECTIVE

Without compromising quality, our presses are moderately priced when compared to the European competitors.

RELIABLE

Consistent and uniform bale size, weight, and density; Designed to perform for decades.

CUSTOMIZABLE

Get the press you need that fits within your mill and within your budget.

150, 300 and 450+ Bales per Hour — Using Cutting-Edge Servo-Based material handling techniques, solutions can be engineered for production rates approaching 600 bales per hour.

Pulp Baling & Slab Press Solutions

Presses are available in standard configurations, or our engineering team can enthusiastically custom design a solution to your exact specifications.

Standard Configurations

- 450 metric ton. *Slab Press for bale-forming of flash dried pulp*
- 600 metric ton. *Bale Press*
- 1,200 metric ton. *Bale Press*
- 2,500 metric ton. *Bale Press*

Custom Presses: Designed to your specific application

- 100 to 5,000 metric ton – get exactly what you need
- Double-Wide with Dual-Feed – maximize throughput
- Floor Mounted – no pit needed
- Custom Fit – use your existing pit
- Low Ceiling and Stubby Designs – fits within your building
- PLCs, Hydraulics, and Hardware Options – AB, Siemens, Rexroth, Parker, and others

Looking for a Turnkey Solution?

Macrodyne presses can be integrated into a new or existing bale lines. We work closely with our industry partners to integrate upstream and downstream automation and ancillary equipment to offer full bale line solutions including, but not limited to the following:

- Bale/Stack Manipulation and Handling systems
- Integrated Conveyors
- Bale Retention: wire, paper strap or adhesive
- Bale Wrapping
- Stenceling and printers
- Robotic Bale Stacking
- Custom Solutions



Increased Operational Efficiencies and Better Support through Cutting-edge Technologies

Advanced technology that is built to perform

Macrodyne presses feature modern, process-specific PLC-based control systems with user-friendly, multi-language touchscreen graphics-based color displays. These state-of-the-art control and monitoring systems offer advanced fault diagnostics, full process configuration, and more.

Our hydraulic systems leverage the most advanced manifold and logic valve technology and incorporate proportional control and efficient direct drive pump/motor groups.

The Industry's Best Service

Macrodyne has worked on and rebuilt many of the old legacy presses from companies such as Dominion Engineering, Hepburn, Sunds Defibrator, Baldwin, Burrard, Kamyr, Washington Iron Works, Rauma Repola, that are no longer in business. We have the knowledge and the expertise to solve your problems.

We offer:

- Complete Rebuilds
- Hydraulic Upgrades
- Safety Upgrades
- Emergency Service
- Press Evaluations
- Electrical and Controls Upgrades
- Preventative & Scheduled Maintenance

Remote Diagnostics for the most Remote Locations

We understand that pulp mills are not located just around the corner—that's why we supply every pulp baling and slab press with a pair of HoloLens with heads-up, hands-free video calling. Your technicians can easily collaborate with remote experts at Macrodyne to troubleshoot issues.