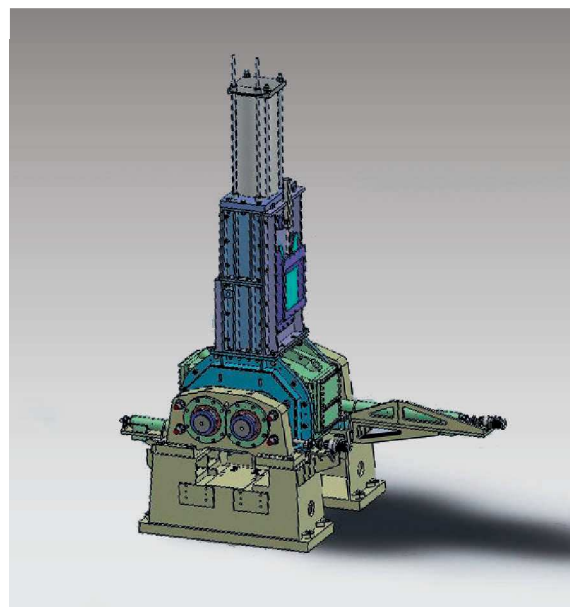


## HIGH PERFORMANCE EQUIPMENT FOR THE RUBBER AND PLASTICS INDUSTRY

For decades, McNeil Repiquet has built rugged and reliable equipment, such as internal mixers, open mills or calenders. These equipment are part of complete integrated production lines or standalone. We have developed a reputation as an international equipment manufacturer for the entire rubber industry, and many of the machines first produced are still in operation around the world today.



[www.mcneil-repiquet.fr](http://www.mcneil-repiquet.fr)



## INTERNAL MIXERS

The design of the McNeil Repiquet internal Mixer R-Series enables the customer to produce high quality compound with the best associated cost while complying with the latest safety regulations.

The innovative design has four main characteristics:

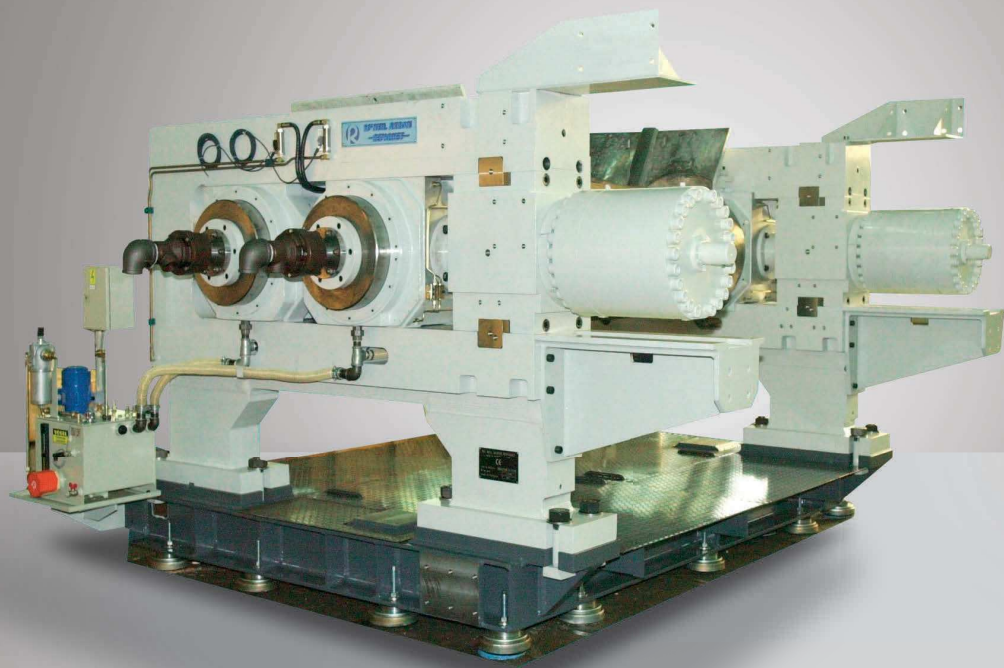
- Treated and cooled steel rotors with interlocking contours.
- Robust mechanical construction and different sizes and configurations to meet customer requirements.
- Wide thermal surface exchanges to improve the quality of the compound and optimize the cycle time.
- Up-to-date control ensuring perfect management of the process.

These advantages have led to:

- Optimize the installed power and manage the pressure on the compound to ensure repeatability in the quality of the process.
- Control the temperature in the compound due to the mixing energy.
- Optimize cycle times.

The average output of the McNeil Repiquet Internal Mixer is typically 30% higher than a traditional internal mixer resulting in improved performance and a quicker return on capital investment for our customers.





## 2 ROLLS OPEN MILLS

### Main features

- Compact power transmission.
- Friction between the rolls to be chosen with gearbox configuration (fixed or variable).
- Fixed and movable stock devices – easy cleanable.
- Pneumatic cutting device – manual or driven.
- Easy operation due to function positioning.
- Up-to-date control.

### Seamless integration

We offer complete system integration to guarantee your McNeil Repiquet open mill will operate perfectly with your upstream and downstream equipment, according to your production targets. We do it all, so you can concentrate on more important matters.

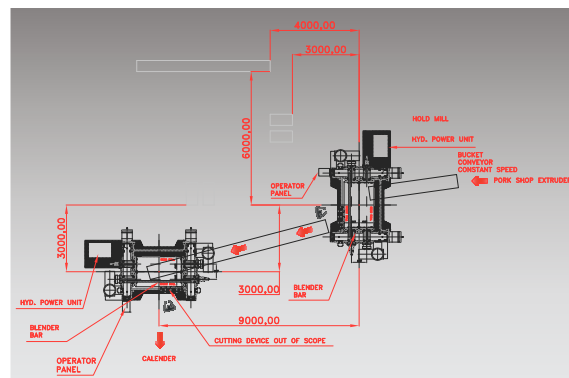
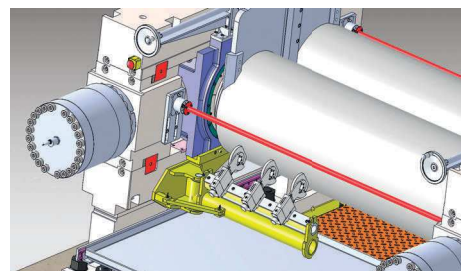
### Technical approach

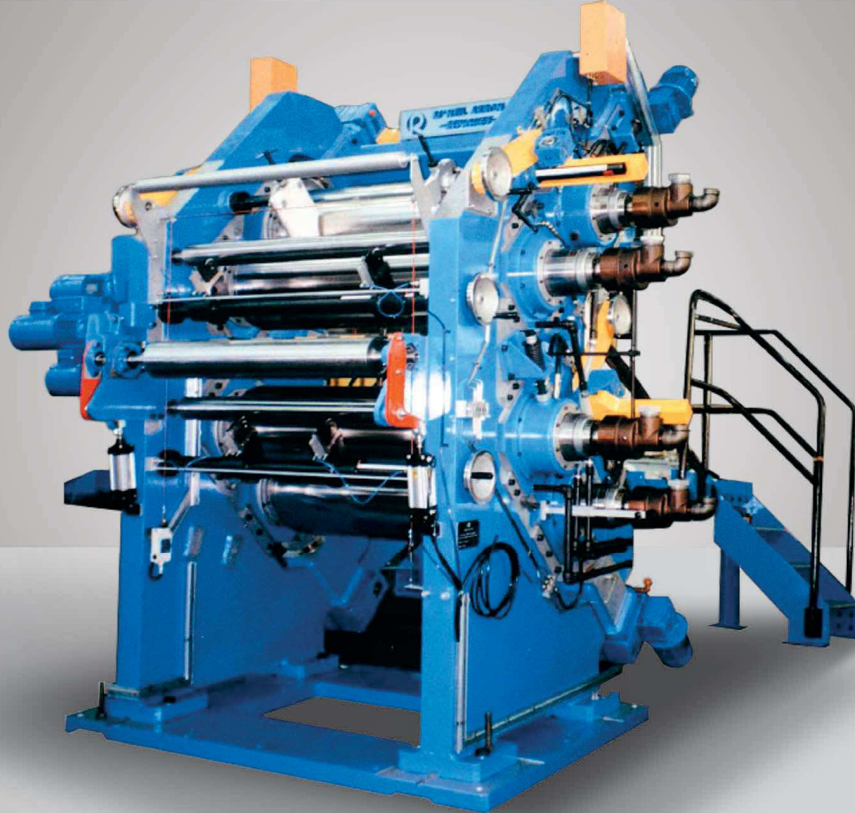
Equipped with the latest 3D stations, we offer our customers a strong technical approach ensuring the right gauging and the possibility to quickly integrate operating process needs.

### Advantages

A new range designed for:

- Optimized investment cost.
- Maximized efficiency.
  - Easily upgradeable.
  - Easily maintainable.
  - Optimized capacity.
  - 40% consumption savings based on design and component selection.
- Compliance with the latest safety regulations.





## CALENDERS

McNeil Repiquet utilizes the latest technology to offer our customers tailor-made calendering solutions to meet the specific requirements of every silicone, rubber or plastic processor.

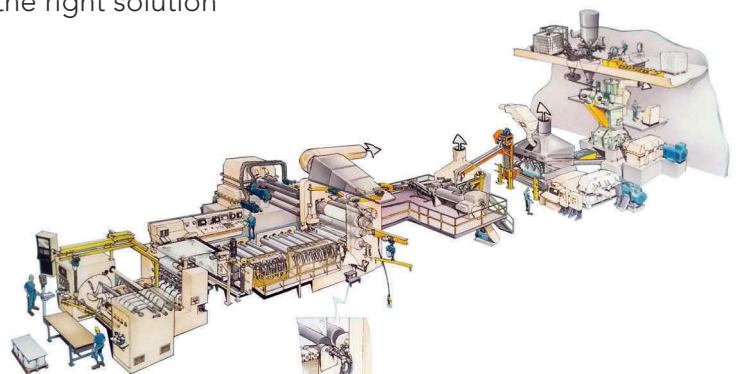
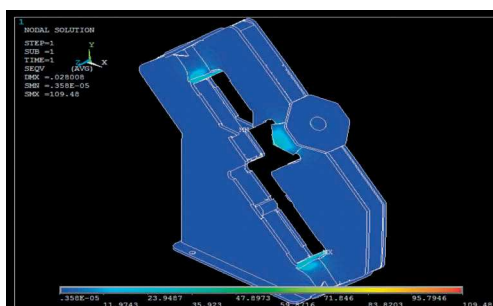
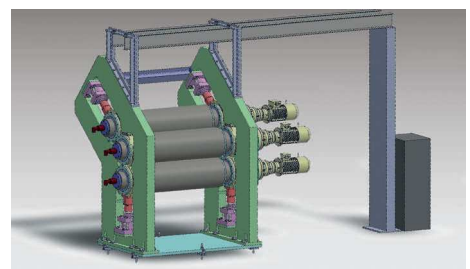
Depending upon the material to be calendered and the most suitable sheet path, we can provide various solutions including:

- Type of calender.
- Size of calender.
- Roll design.
- Drive roll deflection compensation.
- Control and automation.
- Upstream and downstream equipment.

As standalone equipment, or integrated within a complete turnkey line, the calender is designed by McNeil Repiquet with particular attention to quality, longevity and especially functionality.

Our experience enables us to select the optimum adaptation between the mechanics and controls, for example through the nip adjustment technology, or the power transmission and control selection to maximize the efficiency and flexibility.

We also use the latest mechanical and control tools to dimension in an optimum configuration to allow us to propose the right solution to meet your specific requirement.







Complete modernisation of a 400x1200 Vertical Type 3 Rolls Calendar

## SPARE PARTS & SERVICES

Listen to your needs, identify your key issues and understand your targets are the first steps in our approach.

This approach, combined with our experience enables us to propose the most efficient and competitive solution taking into account:

- Supply of genuine spare parts to refurbish existing machines or to replace obsolete items.
- Refurbishment of complete machines or parts of machines by our skilled technicians in our workshop.
- Mechanical or electrical upgrading of equipment, including addition of new functions to improve ergonomics, productivity or quality.

**Our ambition:** To be your partner offering a dedicated service in compliance with our commitments and the quality of our products and services.

1/ Complete refurbishment of an R50 Internal Mixer

2/ Modernisation of hydraulic systems on Mills and Calenders

3/ Supply and adaptation of a new gearbox for curing presses

4/ Complete refurbishment of a 710x1900 "S" Type 4 Rolls Combi-Calender and line alignment checking with "paralign" System

5/ Complete refurbishment of a 610x1750 Vertical Type 3 Rolls Calendar



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