

TECHNICAL DATA SHEET (WITH NOMINAL VALUES FOR MAIN MODELS)

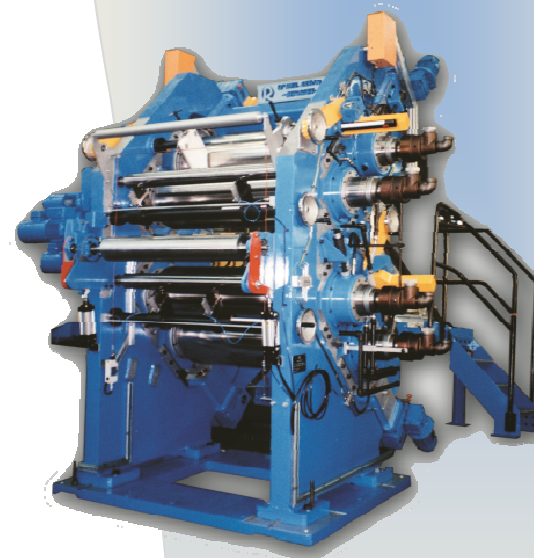
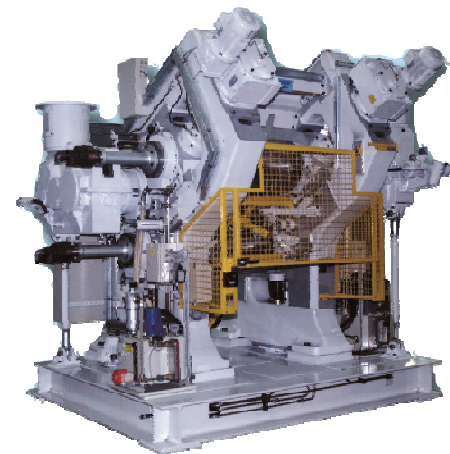
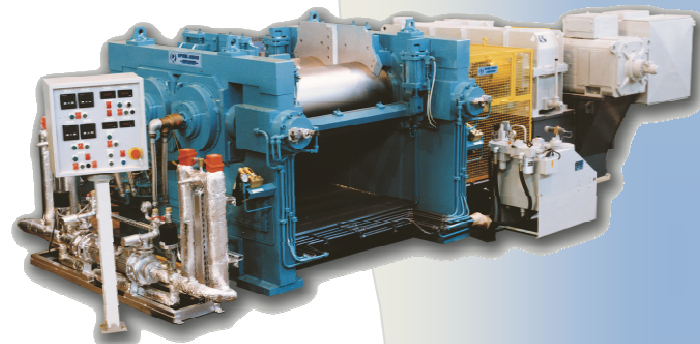
Model	Rolls Dimensions		Power (KW)	Rear roll Speed (m/min)	Dimensions (mm)			Weigth (Kg)
	US	FR			Length	Width	Height	
RM-NG100	100 inches	760x2500mm	375	38	7400	3900	2200	45000 kg
RM-NG84	84 inches	650x2100mm	220	38	6600	3700	2000	39000 kg
RM-NG60	60 inches	550x1500mm	130	36	5400	3000	1800	30000 kg
RM-NG51	51 inches	500x1300mm	70	25	4400	3000	1800	16000 kg

Models are available in other dimensions. Please inquire for specifics.

ACCESSORIES / OPTIONS

All 2 rolls open mills can be equipped with various devices, such as:

- Adjustable stock devices
- Central stock devices
- Scraper blades
- Blender
- Force ram feeder
- Mill feeder
- Variable-speed AC drive motor
- Corrugated rolls
- And the list goes on...



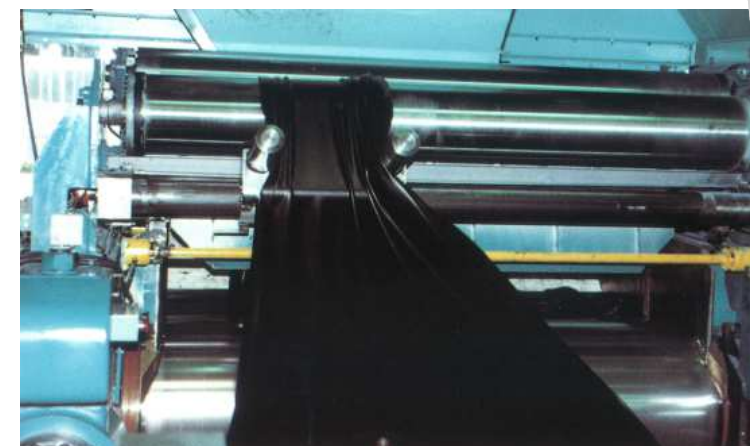
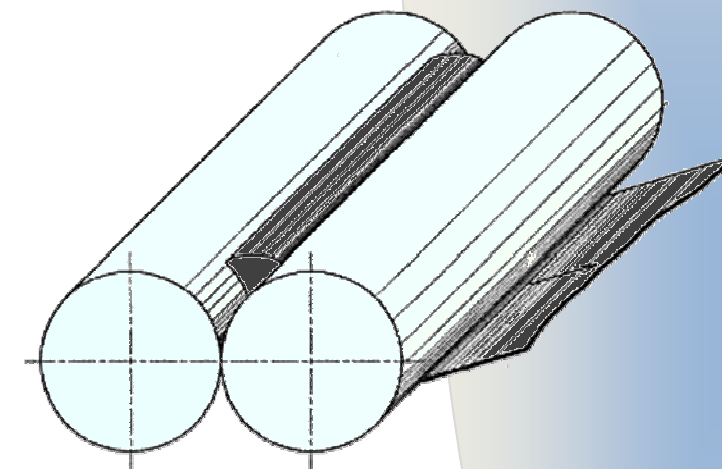
**McNEIL AKRON
REPIQUET**

Z.I. Sud
43 bis, rue du Cdt-Rolland
B.P. 109 – 93351 LE BOURGET Cedex
FRANCE

Tél: 33 (0) 1 49 92 78 78
Fax: 33 (0) 1 49 92 78 79
E-mail: info@mcneil-repiquet.fr



2 ROLLS OPEN MILL NEW GENERATION



**McNEIL AKRON
REPIQUET**

www.mcneil-repiquet.fr

PIONEER OF EQUIPMENT FOR THE RUBBER INDUSTRY

For decades, McNeil Akron Repiquet has built rugged and reliable open mills. We have developed a reputation as an international equipment manufacturer for the entire rubber industry, and many of those machines first produced are still in operation around the world today.

SEAMLESS INTEGRATION

We offer complete system integration to guarantee your McNeil Akron 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

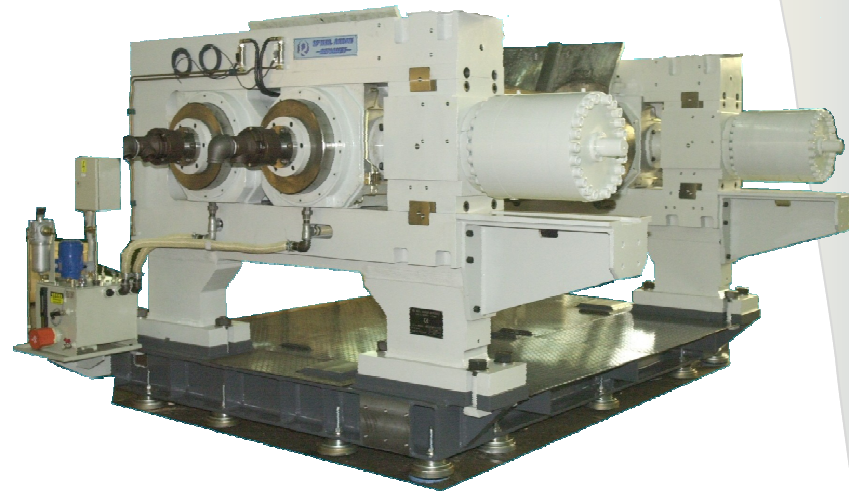
Equipped with the latest 3D stations, we offer our customer a strong technical approach ensuring the right gauging and the possibility to quickly integrate operating process needs.

CUSTOMER CARE

Our Service Department is available for technical assistance, training and parts, to ensure your open mill stays up and running, regardless of your location.

Superior service—Our technical service team is experienced and knowledgeable specifically in the rubber industry. We can install and start-up your open mill, train your teams, assist with your maintenance program, and provide ongoing support to keep your plant operating at peak performance.

Parts when you need them—McNeil Akron Repiquet offers after-hours emergency parts support and online parts ordering or quoting, guaranteed to maximize your uptime, and minimize your downtime.



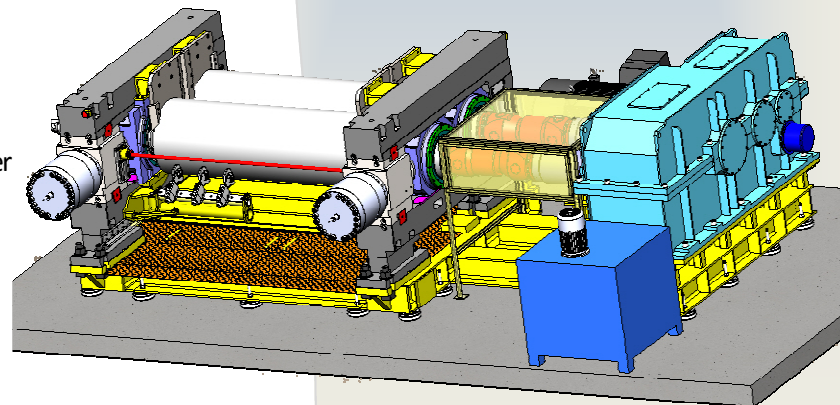
ADVANTAGES

A new range designed for:

- **Optimized investment cost**
 - ✓ 40% consumption savings based on design and component selection
- **Maximized efficiency**
 - ✓ Easily upgradeable
 - ✓ Easily maintainable
 - ✓ Optimized capacity

MAIN FEATURES

- Compact power transmission and multi-disc brake
- Friction between rolls to be chosen with gearbox order
- Fixed stock devices
- Pneumatic cutting device
- Dedicated up-to-date automation
- Easy operation due to function positioning



MAIN FRAME

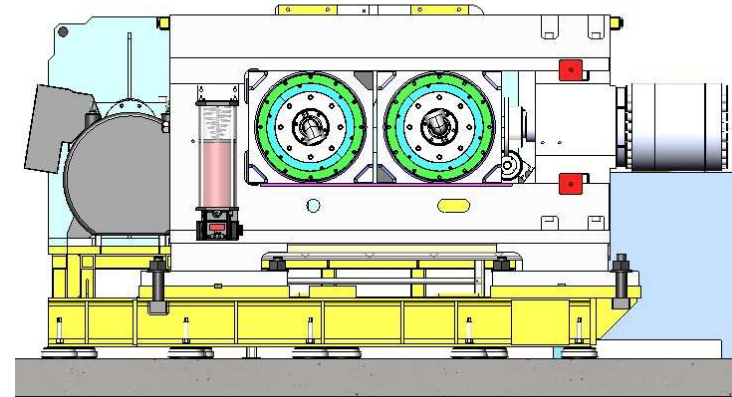
The optimal dimensions in a « C » design allow easy access and maintenance on rolls and bearing housings.

ROLLS

The rolls are made of chilled cast iron with a surface hardness of 450-480 Brinell units. The central chamber holds elements for heating or cooling. Additionally, we offer the option to include peripheral drilled holes underneath the roll surface to improve thermal exchange.

HOUSING

Inside, our open mill is equipped with steel housings and double row roller bearings ; grease provides lubrication, thus avoiding problems caused by oil.



ROLL GAP ADJUSTMENT

Hydraulic cylinders perform roll gap adjustments which enables easily adjustments, while still maintaining safety regulations. The roll position is controlled by linear LVDT.

HYDRAULIC POWER UNIT

The standalone power unit includes safety devices with an accumulator in case of emergency mill stops.

PNEUMATIC CUTTING DEVICE

Includes ergonomic positioning and quick set operation.

PREDISPOSITION

Easy integration of various options including: blender, force ram feeder, etc.

INSULATED AGAINST VIBRATIONS

Insulation included on this unit blocks vibration from transferring to neighboring equipment; thus, preventing common issues such as wear on the mechanical systems.

QUICK & EASY SITE INSTALLATION

Separate structures with dedicated functions offer easy installation.

COMPLIANCE WITH LATEST SAFETY REGULATIONS

