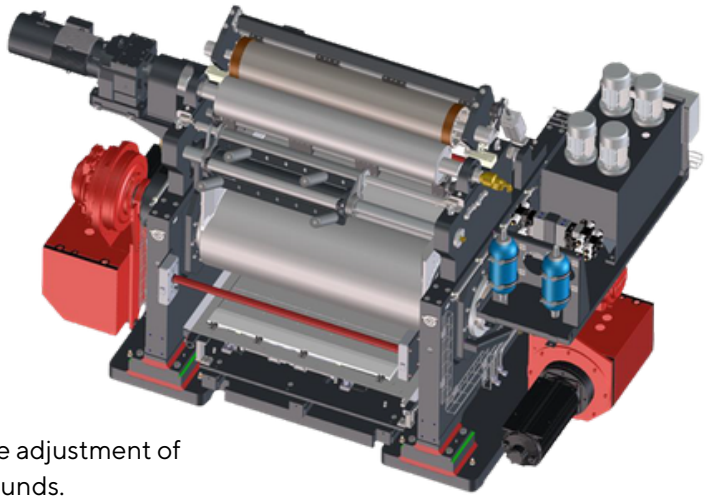
AGILA HIGH-CAPACITY MILL

The Agila High-Capacity Mill delivers industrial-scale rubber mixing with precision, flexibility, and control. Engineered for 24/7 durability, it ensures consistent quality for sensitive compounds and high-volume production alike. A reliable choice for manufacturers who demand excellence.

Consistent quality
Precise mixing, even with sensitive compounds.

Industrial reliability
Built for continuous 24/7 operation

Flexible performance
Suitable for both small batches and large-scale production.



Available roll sizes:

- Ø400x1000mm
- Ø500x1300 mm
- Ø550x1500 mm
- Ø600x1800 mm
- Ø650x2100mm
- Ø750x2500mm

Features

- Variable friction (50–150%): enables flexible adjustment of mixing intensity for different rubber compounds.
- Up to IE5 heavy-duty motors with speed control: (0.0 – 32.0 m/min): high energy efficiency and precise speed control for optimal mixing performance.
- Hydraulic nip adjustment (0.80– 50.00 mm, ±0.1 mm accuracy): accurate control of roll gap ensures consistent compound quality.
- Peripheral drilled rolls for cooling/heating: precise temperature control improves compound stability and processing.
- Movable & flip-up rubber guides (PA or brass): easy handling and cleaning, adaptable to different compound flows
- Step programming with recipe management: ensures repeatability and automation of mixing processes.
- OPC-UA datalogging readiness: ready for Industry 4.0 integration, enabling real-time monitoring and traceability.
- Predictive Maintenance Technology: minimized Unplanned Downtime

Optional features

- Non-stick rolls: Prevents sticking of tacky compounds, improving productivity and cleanliness.
- Stock blender units: Enhances mixing homogeneity and reduces manual labor.
- Cutting device: Automatically cuts rubber into uniform pieces, improving safety and efficiency.
- Data mining integration for quality control: Enables process analysis, traceability, and continuous improvement.
- Extraction hood: Improves workplace safety by removing fumes and dust.
- Advanced temperature control (10°C to 100°C): Allows precise processing of temperature-sensitive compounds.
- Auto-adjusting guides: Automatically adapts to rubber flow, reducing waste and improving consistency.





Technical specifications

- Processing speed: 0.0 to 32 m/min
- Electric or hydraulic drives up to 2 x160 kW
- Hydraulic nip setting precision: +/- 0.1 mm
- Temperature control: 10°C to 100°C (optional upgrade)
- Safety standard: EN1417: Nov 2023 or higher

Contact us for a demo or tailored quote.

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Scan the QR code for more information about Agila high-capacity mills.