

ROLL MILL



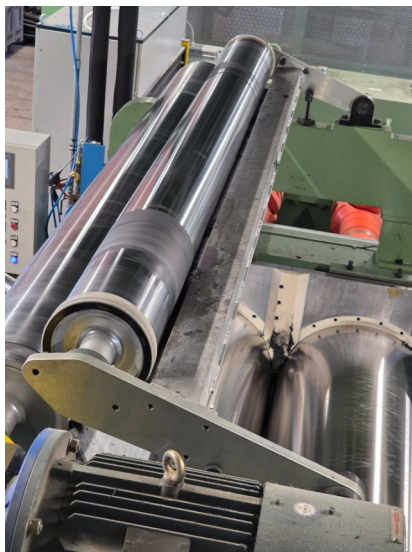
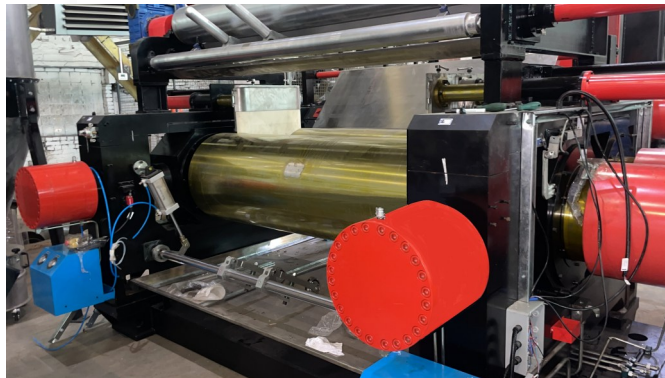
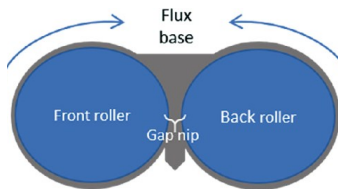
Drilled roll



Corrugated roll



Bored roll



- The rollers are designed to heat compounds during lamination, improving the final product's properties and quality.
- The mill features two opposing rollers with an adjustable distance, controlled by a hydraulic system. This allows precise control of sheet thickness during the lamination process.
- A dedicated hydraulic control unit manages roller adjustments, seals, and other key components, ensuring smooth and accurate operation.
- The integrated PLC system ensures precise control and monitoring of all operational parameters. It offers an intuitive interface for the operator and synchronizes the machine with the rest of the production line.
- Modular construction to facilitate the installation and the maintenance.



Our Open Roll Mill provides precise and efficient lamination of rubber and plastic compounds. The hydraulically adjustable rollers ensure accurate control of sheet thickness, while the heated rollers enhance the material's properties. A PLC-based control system simplifies setup and monitoring, ensuring consistent operation. The hydraulic adjustment system minimizes downtime, improving productivity. Designed for reliability and precision, the Open Roll Mill is an ideal solution for high-quality lamination in industrial applications.

FEATURES AND TECHNICAL DATA

	K-160	K-250	K-305	K-360	K-400	K-450
Roll dimension (mm)	Ø160x320	Ø250x620	Ø305x760	Ø360x900	Ø400x1000	Ø450x1200
Max feeding quantity (Kg/batch)	4	15	20	30	40	55
Front roll speed (m/min)	10	16,96	16,3	16,22	18,78	21,1
Speed ratio	1:1,21	1:1,08	1:1,15	1:1,22	1:1,17	1:1,17
Bearing	Roller bearing	Roller bearing	Roller bearing	Roller bearing	Roller bearing	Roller bearing
Motor power (KW)	7,5	22	30	37	45	55
Overall dimension (mm)	1104x678x1258	3230x1166x1590	3901x1350x1680	4140x1574x1800	4578x1755x1805	5035x1808x1835
Total weight (kg)	956	3150	4340	6892	9416	11400

	K-510	K-550	K-610	K-660	K-710	K-760
Roll dimension (mm)	Ø510x1500	Ø550x1500	Ø610x2000	Ø660x2130	Ø710x2200	Ø760x2400
Max feeding quantity (Kg/batch)	70	90	150	210	280	360
Front roll speed (m/min)	23,4	25,8	28,4	29,8	30	30
Speed ratio	1:1,21	1:1,17	1:1,18	1:1,09	1:1,09	1:1,09
Bearing	Roller bearing	Roller bearing	Roller bearing	Roller bearing	Roller bearing	Roller bearing
Motor power (KW)	90	110	160	250	160x2	355
Overall dimension (mm)	5942x207x1780	6058x2146x1800	7100x2438x1600	7240x3872x1840	7630x4790x1860	7540x4174x2025
Total weight (kg)	17320	18635	26197	41656	47042	60000