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Ternium México

The state-of-the-art hot rolling mill at the Ternium Industrial Center in Pesquería, N.L., Mexico, has been in operation since May 2021. The mill is capable of producing 4.4 million tons per year of specialized steels for automotive, white goods, machinery, construction and other industries.

The rolling mill can process steel in a wide range of thicknesses, from as thin as 1.2 mm to as thick as 24.5 mm. Similarly, it can handle widths ranging from 900 to 1,950 mm, making it versatile enough to meet diverse industrial needs.

The mill showcases cutting-edge technology. Automated cranes handle the entire process, from the unloading of steel slabs to their transfer into the furnaces, all without a single touch from human hands. Over 6,000 sensors monitor various rolling parameters to ensure optimal performance, precision and quality. Additionally, the mill boasts a sophisticated product labeling robot and



automatic strapping machines. This level of automation and precision not only enhances the Pesquería mill's efficiency, but sets a new standard for the steel manufacturing industry in North America. ◆

