



UNIXX BELT MAKER

A GAME-CHANGER IN STEEL BELT MAKING

Providing process and production flexibility, combined with the highest efficiency, product quality and consistency.

The UNIXX Belt Maker produces high quality endless steel belts by means of an innovative and accurately controlled extrusion process that can handle a wide range of compounds.

The system is optimally suited for hands-off, eyes-off production. Scrap and waste from angle- and compound changes are reduced because of the limited width of the extruded strip. Next to this, the automated and accurately controlled process produces a consistent high quality belt.

The VMI UNIXX Belt Maker allows for the production of thinner materials, contributing to a lower fuel consumption and CO₂ emission levels.





ULTIMATE FLEXIBILITY

Automatic and quick angle and/or width change without having to stop the extruders, results in virtual no loss on OEE. A wide range of compounds can be processed by the extruders.

HIGH QUALITY STEEL BELT

VMI's renowned gear pump extrusion technology combined with patented innovative features, such as a newly designed creel, accurate splicing through superb positioning of the strips by robots and the force controlled disc and bar cutting technology, enable the production of very high quality belts within very tight tolerances.

LOW ENVIRONMENTAL IMPACT

Scrap and waste are reduced because of the automated process. The system consumes less energy per square meter belt production compared to the conventional belt making using calendaring and cutting. The VMI UNIXX Belt Maker allows for the use of new materials for the production of thinner belts to reduce tire weight and rolling resistance without compromising tire performance.

REDUCED OPERATING COSTS

The highly efficient extrusion and cutting process, reduced waste and scrap, lower energy consumption and minimum operator involvement, result in a lower overall cost per produced square meter steel belt compared to the conventional belt making process.



PRODUCT HIGHLIGHTS:

- Ultimate flexibility
- High quality steel belt
- Low environmental impact
- Reduced operating costs



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