

VAST

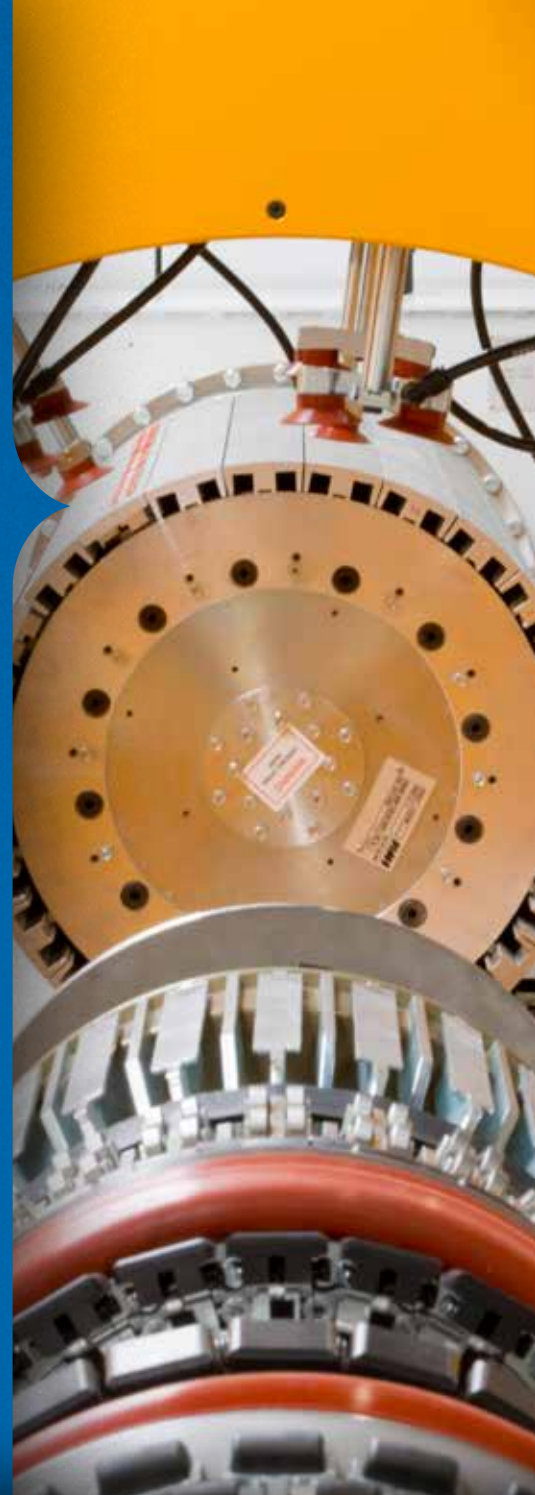
TRUCK TIRE BUILDING MACHINE

Full range of all-steel radial truck and bus tire building systems, with a modular design and set-up for quick and easy customization and upgrading.

The VMI VAST is a comprehensive platform of single stage all-steel truck and bus tire building machines, producing repeatable, top quality tires combined with a high machine output.

The VAST modular design allows for quick and easy customization ensuring that you have the right machine for your specific situation against an economical investment.

The VAST produces everything from standard sized green tires to more sophisticated super single tires, either tubed or tubeless, from 17.5" – 24.5". Daily outputs of up to 550 tires can be achieved depending on machine configuration, degree of automation, number of tire components, tire design and type of compound used.





IMPROVED END PRODUCT QUALITY

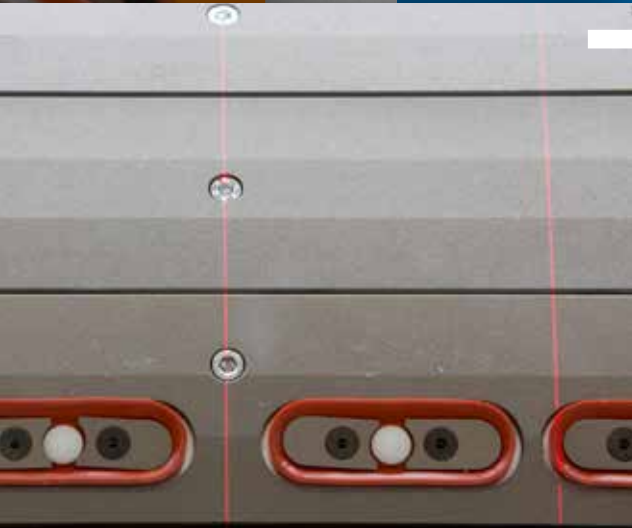
The VAST has mechanically synchronized shaping drums that significantly reduce air inclusion in the bead area and ensures an equal side wall ending. Tread length compensation enables equal stretch and distribution of pre-cut tread over the circumference of the belt & tread package, creating a proper tread splice and resulting in improved tire uniformity.

SEVERAL LEVELS OF AUTOMATION

The VAST features several levels of automation that improve machine performance and reduce operator influence on the quality of the green tire. The VAST can be configured in a way that different tire designs or constructions can be produced with the same machine.

HIGH LEVEL OF UNIFORMITY AND REPEATABILITY

The active centering of components leads to a high level of repeatability. Tread length compensation offers equal stretch and distribution of the component around the circumference of the belt & tread package which results in significantly improved tire uniformity and improved mold filling. Operator influence is reduced by automated handlings, improving uniformity of the end product.



PRODUCT HIGHLIGHTS:

- Improved end product quality
- Several levels of automation
- High level of uniformity and repeatability
- Prepared for integration in Manufacturing Execution Systems (MES)



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