



# MAXX

## RADIAL PASSENGER TIRE BUILDING MACHINE

Maximum output, quality and flexibility.  
Minimal set-up times, maintenance and  
machine complexity. For hands-off, eyes-off  
production of up to 2,000 tires a day.

**The MAXX radial passenger tire building machine maximizes output, quality, ergonomics and flexibility. At the same time, set-up times, maintenance and machine complexity have been minimized, making it possible for just one person 'with hands-off eyes-off' to operate multiple systems.**

The two-drum machine combines a high level of flexibility with an unrivalled high capacity and excellent green tire quality.



VMI Synchrodrum



Robot



### **LOWEST COST PER TIRE**

Reduced man power, cutting energy requirements, optimized maintenance, shorter cycle time and less scrap materials all contribute to a lower cost per tire. An example of this is the optional advance splice engine that reduces the scrap ratio by optimizing the spotting of splices and decreases scrap levels by up to 40% for body ply materials. This allows you to produce tires at the lowest cost possible.

### **UNCOMPROMISING QUALITY**

All 2,000 tires produced per day on the MAXX are from an outstanding quality with a very high consistency, meeting the latest OEM demands. Specific features such as the ActiZones, Clip-Bar, Advance Splice Engine, VMI Synchrodrum and the intelligent material positioning, result in an output of a higher quality and consistency.

### **EXCEPTIONAL PRODUCTIVITY**

The robot and vision system take the operator completely out of the production cycle and thus creates a completely hands- and eyes-off process. This significantly reduces the cycle time, resulting in the exceptional productivity. This is not only the case for 15" reference tires, but also for the more complicated tires cycle time can be reduced considerably.

### **OUTSTANDING FLEXIBILITY**

The VMI MAXX incorporates several unique advanced automation systems that allow you to plan different types of tires on one machine. The user friendly and intuitive VMI CORTEXX HMI, gives the operator full control over the production process. Furthermore, you will only need ten minutes to change over the drum by means of the balancer system, giving you full flexibility in changing tire type production.



### **PRODUCT HIGHLIGHTS:**

- Lowest cost per tire
- Uncompromising quality
- Exceptional productivity
- Outstanding flexibility

VMI PIXXEL



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