

# YOUR NEEDS, OUR MISSION

## We take care of your business

In the rubber and tire industry yesterday's technology is being replaced by today's innovation for tomorrow's requirements. Amidst the turmoil of innovation there is, however, one constant:

VMI's commitment to supplying innovative and reliable services and equipment to the rubber and tire industry.

### Your needs - Our challenge

VMI supplies millroom equipment and a complete line of tire manufacturing, tire curing and testing systems for bias and radial tires for cars, truck, utility and off-the-road vehicles.

Our services range from financing through engineering and contracting projects. We also offer maintenance contracts and upgrade existing rubber and tire equipment.

We work closely with clients to create customised solutions that meet their needs.

Rightfully VMI is known as the leader in millroom equipment and single-stage machines for radial car and truck tires.

### Your needs - Our network

VMI's network of agents is constantly monitoring developments on local markets on all continents. Our R&D department collaborates with the leading international rubber research institutes and with key suppliers of commercial components.

Our vast expertise and experience in rubber and tire production engineering enables us to respond rapidly to market developments and to specific needs of our clients.

For cost-effective systems that are tailored to your requirements, VMI is the company to work with.

### Your needs - Our service

VMI's global organisation includes spare-parts supply and servicing from our plants in the Netherlands, USA and P.R. of China. Our service departments are on call 24 hours a day to provide rapid on-site service.

VMI: a partner to rely on in the race against time - and your competitors!

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**VMI GROUP**

TKH GROUP MEMBER

# VMI product portfolio

## Tire industry

### Millroom

- Tunnel type batch-off cooling lines for slaps and strips
- Cantilever type batch-off cooling lines for slaps and strips
- Optional equipment for batch-offs, as printing, slitting, weighing, etc.
- Wide variety of stacking equipment for slaps, strips and sheets
- Mixer and extruder feeders
- Cutting and feeding equipment

### Tire components

- Breaker cutter and splicing systems
- Steel ply cutting and splicing systems
- Textile ply cutting and splicing systems
- Pre-assembly systems for SW and IL
- Slitting lines
- Gumstrip applicators
- Baldwin flexible endless beltmaker systems

### Bead making & Apexing

- Semi-automatic bead apexing machine passenger
- Automatic bead apexing machine passenger
- Automatic bead apexing and winding machine passenger

### Tire assembly passenger & light truck

- Radial passenger tire building systems, single stage
- Radial passenger tire building systems, second stage
- Servicers for passenger tire building systems

### Tire assembly truck

- VAST Quattro all steel radial truck and bus tire assembly systems
- Servicers for truck tire building systems

### Tire assembly OTR

- Off The Road (OTR) tire building machines

### Flexible tire building cells

- Modular Tire Manufacturing (MTM) systems
- Baldwin flexible beltmaker servicer systems

### Tire building drums

- Breaker & Tread building drums
- Belt folding drums
- Carcass building drums
- Shaping drums

### Tire testing

- Endurance tire testing machines
- Endurance high speed tire testing machines
- Tire Force and Moment testing machines
- Wear testing machines
- Tire noise testers
- Tire stiffness testers
- Rim fatigue testers

### Compound testing

- Laboratory abrasion tester
- Viscovisometer for compound viscosity analysis

## Tire curing

- Hydraulic curing presses

## Extrusion

- Extruders
- Extruder/Gearpump systems
- Multiplex extrusion systems
- Extrusion heads
- Planetruders

## Technical rubber industry

### Millroom

- Tunnel type batch-off cooling lines for slaps and strips
- Cantilever type batch-off cooling lines for slaps and strips
- Optional equipment for batch-offs, as printing, slitting, weighing, etc.
- Wide variety of stacking equipment for slaps, strips and sheets
- Mixer and extruder feeders
- Cutting and feeding equipment
- Combex hot feeder strainer

### Molded products & Rubber to metal processing

- Coating application systems
- Injection molding systems
- Downstream equipment

### Extrusion, straining and preforms

- Combex continuous preformer
- Vacuum extrusion for salt bath, microwave and hot air lines
- Extrusion heads
- Planetruder for precise rubber feeding to a twin screw extruder
- Shark cold feed strainer

### Airspring building

- First stage airspring building machines
- Second stage airspring building machines
- Single stage airspring building machines

## Can industry

### Canwashers

- Industrial canwashers
- Industrial dry-ovens for cans

## Retreading industry

### Retread tire curing

- Cushion to casing systems for pre-cure retreading
- Mould-cure line
- Tread strip winding for earth mover tires

## Product handling

### Product handling

- Bakery
- Convenience
- Special handling
- Non-woven

For more information see: [www.vmi-group.com](http://www.vmi-group.com) or contact us by E-mail: [sales@vmi-group.com](mailto:sales@vmi-group.com)

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