



AMCL – A Solution Provider and Profit Optimizer



AMCL Machinery Limited

TYRE BUILDING MACHINE



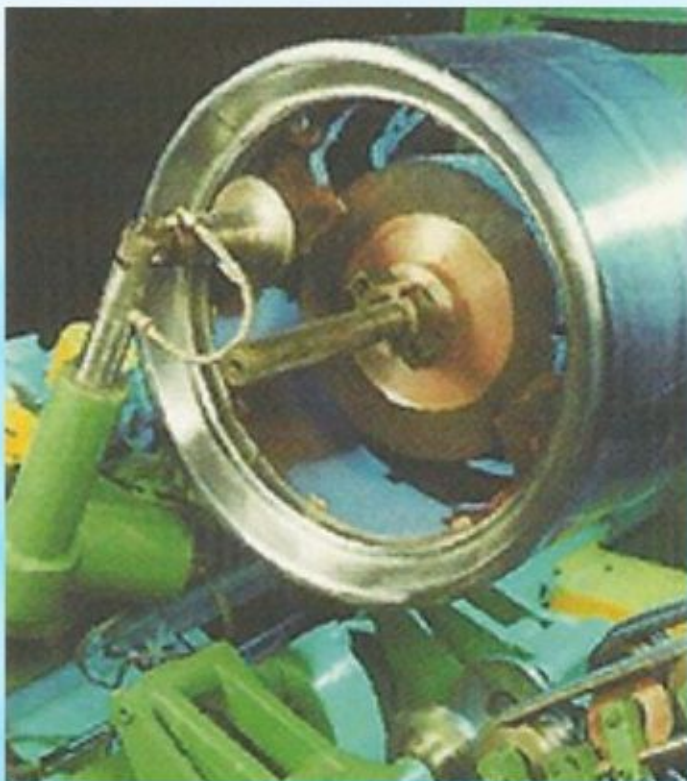
Technology Sourced from World Leaders



AMCL MACHINERY LIMITED
(HNGIL Group of Companies)

Tractor Rear Tyre Building Machine RB-5/1 TR

This machine features Fully Automatic controls with varying degrees of sophistication and details. Additionally, safety features built into design make the operations free from unintended errors.



Ply Tread Stitcher (RB-5/1 TR Exclusive Feature)

- 1) Completely independent
- 2) Sturdy design with stitcher rollers supported with double fork link mechanism to provide rigidity
- 3) Lead screw is provided with split nut & angular contact anti-friction deep groove ball bearing
- 4) Three pressure stitching provided
- 5) Special stitcher roller design ensures zero air trap at the center.

Tri – Axial Stitcher (RB-5/1 TR Exclusive Feature)

- 1) With dual tool capable of moving in all three axes with independent drive for each axis
- 2) Capable of performing turn down, contour stitching, bead stitching, toe stitching and tyre stripping
- 3) Dual stitching tool contacts the tyre under controlled pressure by pivoting about the rigid center line tool support post
- 4) Radial strip out operation incorporated.

Tyre Building Machine Range

Technical Data	Model No.			
	RB - 1	RB - 3	RB - 5/1 TR	RB - 265
Tyre Size (bead)	Scooter & Passenger tyres from 8" to 13"	Motor cycle, Moped, LCV, Passenger, ADV from 12" to 19"	Building Machine 8.25-20 to 12.00-24	Tractor Rear (Single Bead) from 24" – 30"
Maximum Drum Diameter (mm)	400	600	860	26"-34"
Maximum Drum width (mm)	400	600	750	1200
Maximum Ply Over hang (mm)	100	140	250	254
Drum Center Height (mm)	900	850	1050	940
Drum Shaft Speeds (rpm)	variable	variable	variable	variable
Stitcher Motor Rating (kW)	0.37 kW	0.37 kW	0.7 kW	1.5 kW

RB – 1/RB – 3 Machine Features

- 1) Models with Manual, Semi- Automatic control
- 2) Low Power Consumption
- 3) Least Maintenance
- 4) Operationally Safe
- 5) In built safety features built into design makes operation free from unintended errors.

RB – 265 Machine Features

- 1) Auto Ply/Tread Stitcher with VFD
- 2) Bead Setter Assembly
- 3) Zero Speed Drum Collapse Mechanism
- 4) Hand Tools for Ply Turn Up & Turn Down
- 5) 5 Nos. of Laser lights for Center Marking

Yesterday's Pioneer...Today's Leader

For over four decades, AMCL has been turning the wheels of the Indian Tyre Industry, sourcing advance solutions from World leaders like Leonh Herbert Maschinenfabrik, Germany; Midland Tyre Machinery Co. Ltd., U.K.; Kobe Machinery Co. Ltd., Japan, and KOBE STEEL LTD., Japan. Recognized as the Pioneer in Rubber and Tyre machinery in India, AMCL shall remain the expert one stop source for all requirements of the industry. It stands committed to provide innovative technology advances to the emerging needs of its valued Customers.

AMCL's Range of Tyre, Tube and Rubber Machinery Include

- Mixtron BB Series Mixers
- Mixing Mills
- Hot Feed Extruders
- Calender with line equipment
- Bias Tyre Building Machines
- Bladder Curing Presses
- Tyre Curing Presses
Aubo Type, Curex B Type
- Tube Curing Presses
- Tube Splicing Machines
- Semi Auto/Auto PCI Units
- Servicers for Tyre Building Machines



Works at Nagpur



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