



## RMS Equipment LLC

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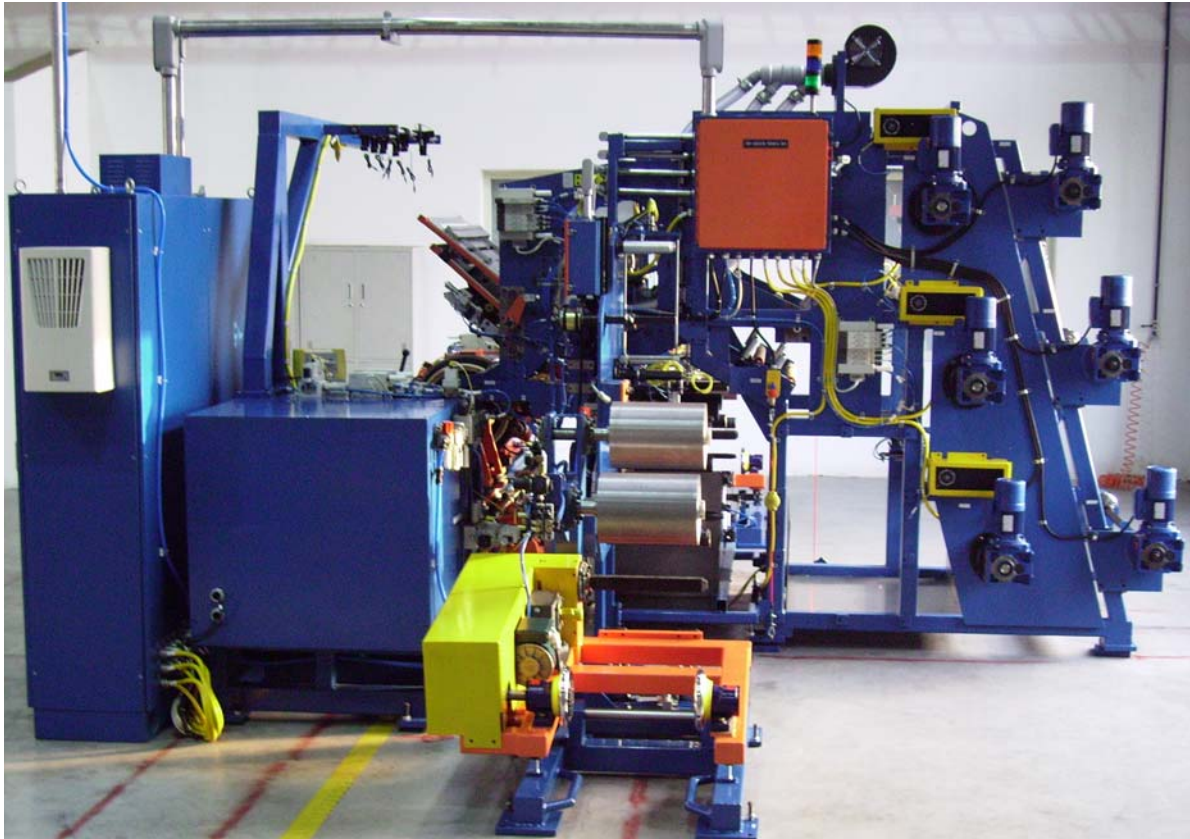
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## RMS2200-S SERIES SERVICER FIRST STAGE RADIAL PASSENGER AND LIGHT TRUCK



The RMS2200-S First Stage Radial Servicer has been developed to meet the increasing tire industry demands for flexibility, accuracy and tension control while delivering a wide range of materials for the high output of tires with excellent uniformity and repeatability. The robust and superior engineered modular construction enables the machines to be customized to individual customer requirements and to operate with a wide range of tire building machines, including the world leading RMS2560 Series.

RMS Equipment Company is a major internationally recognized designer and manufacturer of state of the art tire manufacturing and extrusion equipment that has been sold to many of the major tire manufacturers and operate worldwide. Since 1917 we have been an integral part of the tire industry and our tire building systems have been uniquely developed *within the industry for the industry*.

We continue our tradition of working closely with customers to design, manufacture and commission tire manufacturing equipment that will meet and exceed their individual product requirements for accuracy, reliability, quality and higher productivity.

**RMS Pride – A Tradition**  
Member of the Pettibone Tire Equipment Group

## RMS2200-S SERIES

The RMS2200-S First Stage Radial Servicer is designed to service all of the components required in a modern radial tire construction and can be configured to supply any combination of:

- Inner liner
- 2 Belt cushion strips
- 2 or 3 Plies
- 2 Polythene strips
- 2 Finishing/chafer strips
- 2 Sidewalls

### STANDARD SERVICER SPECIFICATIONS:

COMPONENT	PRODUCT PARAMETER	2 PLY		3 PLY	
		Inches	Millimeters	Inches	Millimeters
Inner liner	Maximum width	29"	737	33"	838
	Maximum roll diameter	32"	813	30"	762
1 <sup>st</sup> & 2 <sup>nd</sup> Ply	Maximum width	34"	864	38"	965
	Maximum roll diameter	24"	610	30"	762
3 <sup>rd</sup> Ply	Maximum width	--	--	38"	965
	Maximum roll diameter	--	--	30"	762
Sidewall	Width range (min/max)	2.13 / 8"	54 / 203	2.13 / 10.5"	54 / 267
	Maximum roll diameter	30"	762	30"	762
	Window range (inside edges)	2.25 / 8"	57 / 203	2.25 / 13.75"	57 / 349
Finishing Strips (Chafer)	Width range (min/max)	0.5 / 2.25"	13 / 57	0.5 / 2.25"	13 / 57
	Maximum roll diameter	17"	432	17"	432
	Window range (inside edges)	8.5 / 25.5"	216 / 654	9 / 27"	229 / 686
Apex Strips (Stabilizer)	Width range (min/max)	1.0 / 4"	25 / 102	1.0 / 4"	25 / 102
	Maximum roll diameter	17"	432	17"	432
Belt Cushion (Base Strips)	Width range (min/max)	0.5 / 1.25"	13 / 32	--	--
	Maximum roll diameter	20"	508	--	--
	Window range (inside edge)	2.38 / 6"	60 / 152	--	--
Polythene Strips	Width range (min/max)	7.5 / 11"	191 / 279	7.5 / 11"	191 / 279
	Maximum roll diameter	11"	279	11"	279

Note: Dimensions shown are for standard machines, other combinations available upon request

### NOTES:

- Machines are designed using the latest technology to ensure materials are serviced with minimal stretch.
- Facility to re-wind partly used stock rolls is provided for Inner liner and ply components.
- Air floatation is provided on inner-liner and ply stations along with centerline guiding to accurately control material feed.
- Out-of-stock detection and clamping is provided for each component to ease roll change. (Exception is polythene strips).
- Compact static servicer with reduced machine footprint and excellent access for material changing and maintenance.
- Option for automatic cutting of components and other machine options are available.

### OTHER RMS TIRE EQUIPMENT:

- RMS3260 Series Second Stage Tire Building Machines
- 1<sup>st</sup> & 2<sup>nd</sup> Stage Upgrades and Retrofits
- Extruders, Extruder Heads and Extrusion Lines
- Complexing or Component Pre-assembly
- Tire Room Automation
- Single Roll Roller Die