



RMS Equipment LLC

1545 Industrial Parkway

Akron, Ohio, USA 44310

Tel : ++1 330 564 1360

Fax : ++1 330 564 1389

Email : rmssales@rmsequip.com

Web : www.rmsequip.com

RMS INNER LINER LINES



RMS has a long history of supplying leading edge extrusion and roller dies to the tire sector. Our Inner Liner Lines combine these two technologies along with the knowledge and expertise gained in material handling from our tire building machines to enable us to provide a high quality cost effective solution. These lines combine high productivity, accuracy and flexibility with ease of operation to meet the demanding applications of the tire sector.

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

We continue our tradition of working closely with customers to design, manufacture and commission extrusion equipment that will meet or exceed their individual product requirements for accuracy, reliability, quality and higher productivity. This includes complex multi-extruder lines, single extruders, extrusion heads, single roll roller dies and slab feeders.

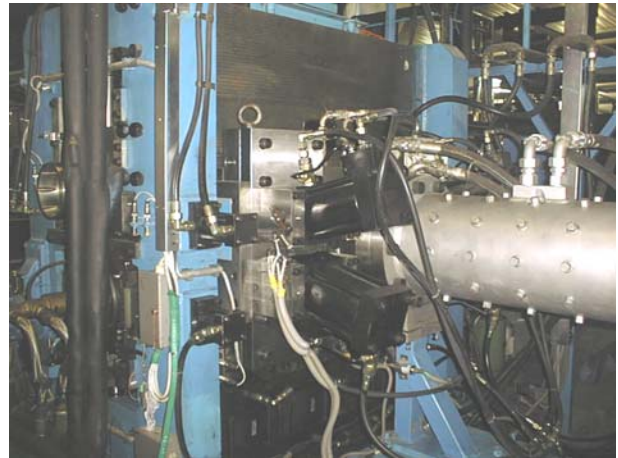
RMS Pride – A Tradition
Member of the Pettibone Tire Equipment Group

INNER LINER LINES

The core of the system is the world leading RMS Pin Type Cold Feed Extruder, hydraulically operated head and Two Roll Roller Heads.

These machines combine to provide a homogeneously mixed compound with an accurate profile at optimum line speeds.

Options available include profiled top rolls or non-contact thickness and width measurement.



Cooling systems available include air cooling or cooling drums. RMS will be pleased to advise on the most suitable option for your specific application.

Typically cooling drums are used on cold complexing lines where the material thickness is thinner as only one layer is cooled at a time.

For thicker sections or for hot complexing systems we can provide multi-level air cooling systems designed to suit individual customer's available floor space.

The width and location of both layers are accurately measured and guided prior to the complexing station.

After the materials are complexed a pneumatically operated sponge consolidation roller applies an adjustable pressure to the material.

A wide range of wind-up arrangements with optional drive arrangements can then be provided to wind up the inner liner with controlled tension. Automatic cutting and transfer between wind-ups is included to enable the line to run continuously.



OTHER RMS EQUIPMENT

- 1st & 2nd Stage Tire Building Machines
- 1st & 2nd Stage Upgrades and Retrofits
- Extruders, Extruder Heads and Extrusion Lines

- Complexing or Component Pre-assembly
- Tire Room Automation
- Single Roll Roller Dies