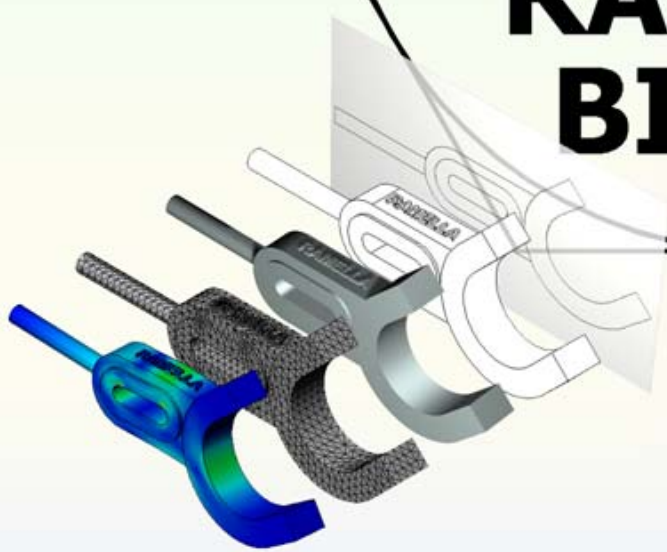


**RAMELLA
BIELLA**



ACIMIT
ITALIAN TEXTILE
MACHINERY



TEXBMA

Textilemachines.org

GENERAL CATALOG



OUR HISTORY

Our company was established in Biella in 1947 by Ramella Pietro.
Actually our factory consists of 3 industrial buildings that covers a total surface of 8000 m².

In more than 50 years of activity, we acquired a great experience in the carding machines construction due to the cooperation with important Italian and foreign textile managers.
Our machines are delivered to many countries where they enjoy excellent reputation as to quality, high productivity and economy.

Our carding sets can manufacture first class fibres that meet highest quality standards on the world textile market.

Ramella textile machines also excel for technological progress, our last example is the realization of a proprietary software for the complete machine automation.

Pietro Ramella
president



CARDING SETS



CARDING SETS

Suitable for the processing of :

- new or reclaimed animal fibres.
- reclaimed natural fibres.
- synthetic and artificial fibres.

to produce hosiery, weaving, carpets, blanket yarns, etc.

Working width from 2000 mm to 3500 mm.

The carding sets can be produced with 2 - 3 - 4 carding groups according to the raw material to process and to the yarn count required.

The hopper feeder can be supplied with traditional or electronic basket.

The condenser unit is produced with single or double rubber sleeves, with single small tape or with one small tape for each end.

The tape condenser columns are suitable for high speed.

The web tension is controlled by independent electric motors.

A display on the electric board visualizes the metric count produced and the speed of the different units.

1



CARDING MACHINES FOR WORSTED WOOL AND SEMI-WORSTED SYNTHETIC FIBRES



CARDING MACHINES FOR WORSTED WOOL AND SEMI-WORSTED SYNTHETIC FIBRES

Suitable for the processing of:

- worsted wool
- semi-worsted synthetic fibres.

Working width from 2000 mm to 3500 mm.

They can be manufactured with:

- burr and Morel rollers for worsted wool.
- one or two carding units.

The worked material can be sent to the can-coiler or to the sliver joining device. By request it is possible to produce a suitable base avoiding the expensive pits construction.

2



NON WOVEN AND WADDING CARDING MACHINES



NON WOVEN AND WADDING CARDING MACHINES

Suitable for high productions.

Working width from 2000 mm to 3500 mm.

This machine can be manufactured with drums of different diameter according to the worked fibres.

The automatic hopper feeder can be volumetrical or with traditional basket or with electronic basket.

The feeding group is manufactured with rollers or with introducing cradle.

On customer request the machine is provided with single or double comber roller.

Comber rollers can also be provided with condenser rollers.

Detaching combs are with fly comb or with rotary cylinders.

3



RECLAIMING MACHINES (GARNETT)



RECLAIMING MACHINES (GARNETT)

The Garnett machine is suitable to reclaim rags, wastes and twisted yarns of animal and synthetic fibres.

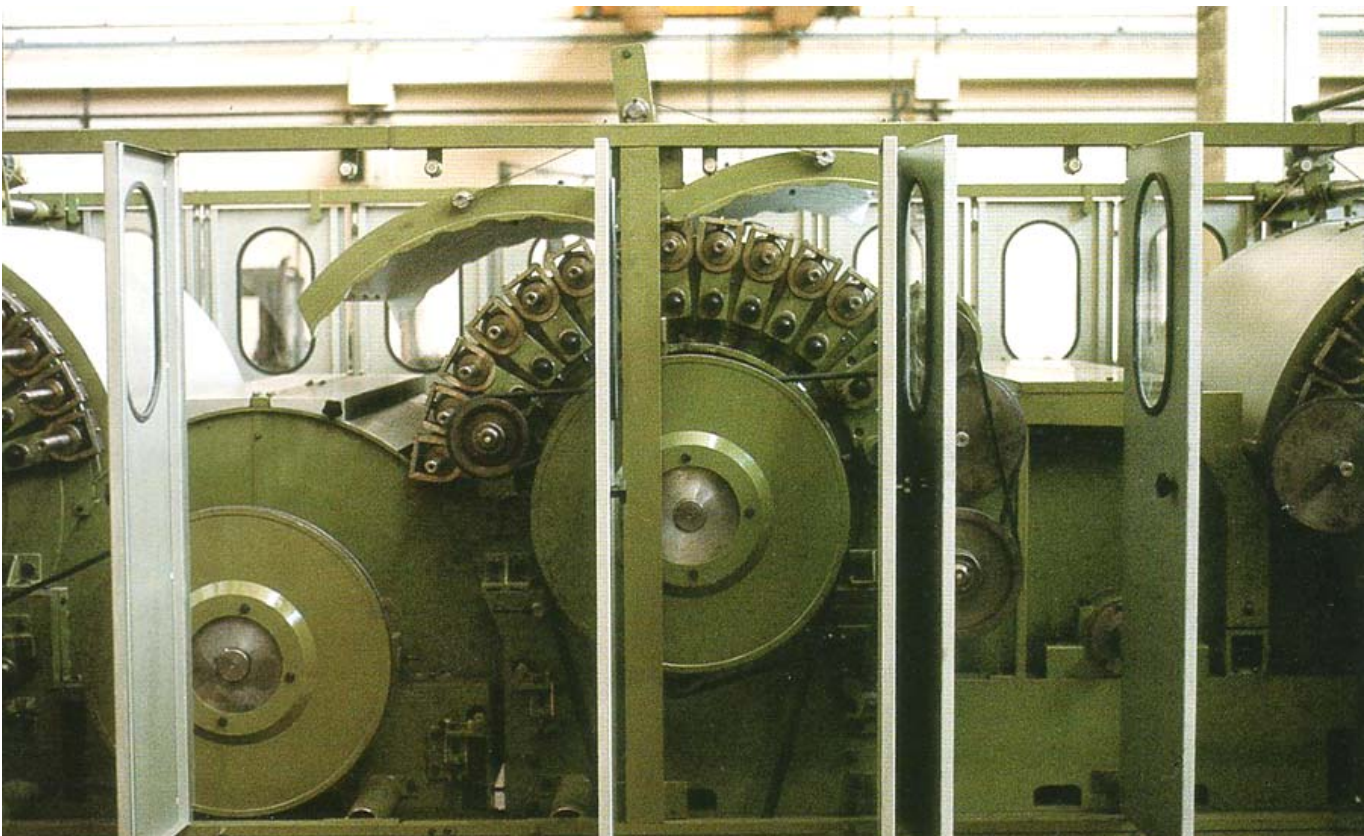
Working width 1800 mm and 2000 mm.

Garnett is manufactured with:

- Automatic feeder
- Breast
- 2 or 3 drums

according to the fibres to process and the opening degree to obtain.

The worked material is sent to the can coiler or to a lapping machine or it can be conveyed to a storage room.



MAIN PARTS



MAIN PARTS

The most important parts are all of our production.

Drums are made in high thickness iron plate, normalized, turned and ground with non-deformability warranty.

Worker rollers are manufactured in aluminium alloy.

Stripper rollers in steel.

Fancy rollers in a special aluminium light alloy.

Crescents are manufactured in a single piece of turned cast iron to obtain a perfect fitting with covers.

Lateral frame is in double iron plate (10 mm thickness), normalized in the electric furnace.



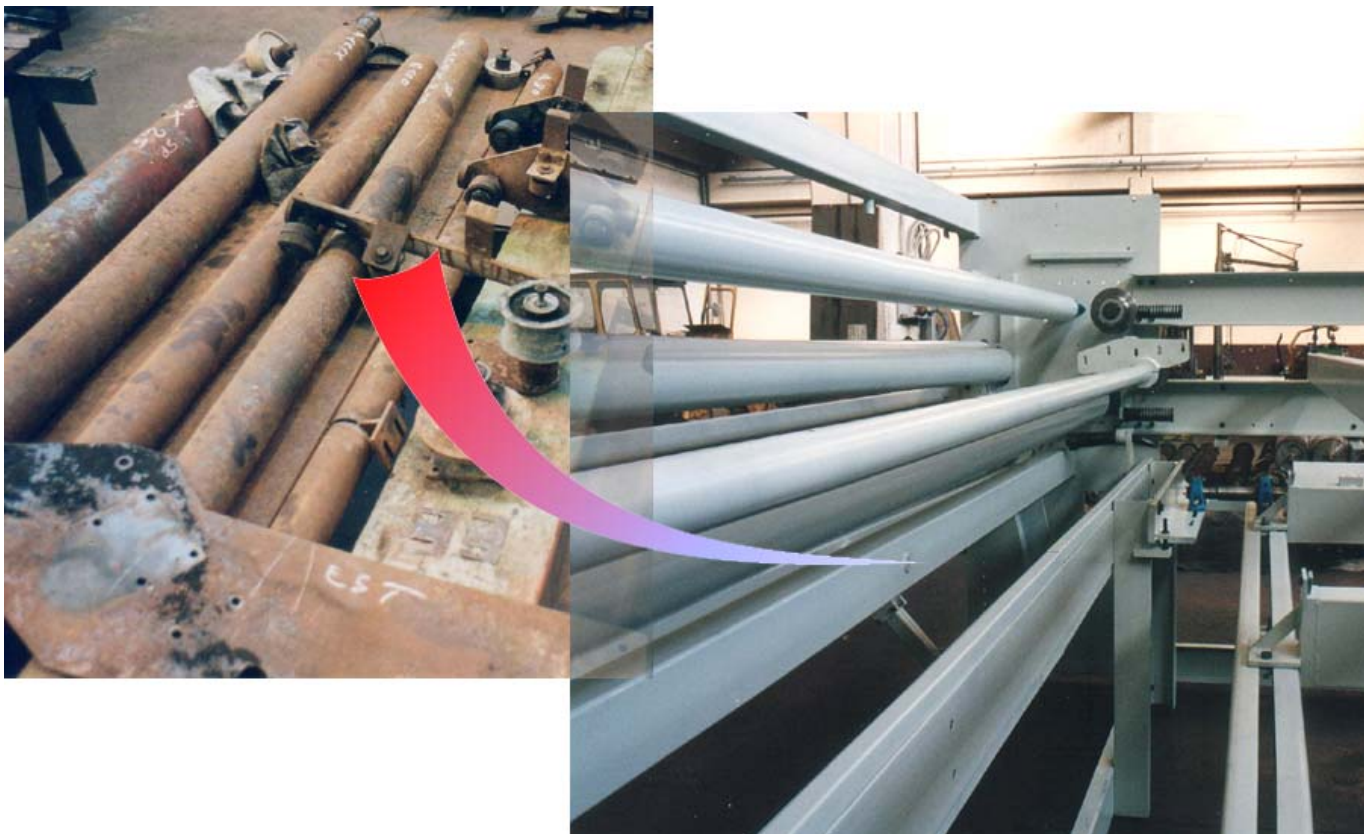
MACHINES RECONDITIONING

MACHINES RECONDITIONING

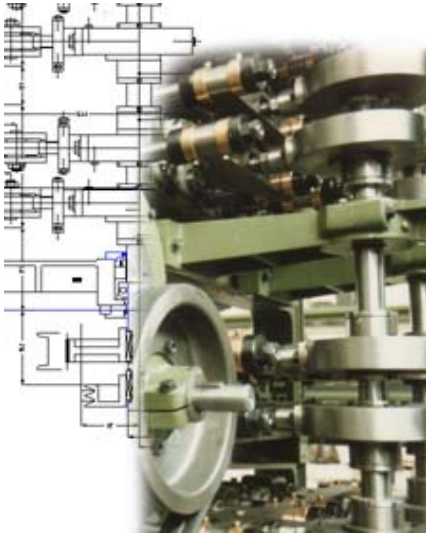
We can modify, replace or improve pre-existent machines or parts.
Our factory repairs out of order machinery cause of the wear or damage.
We also intervene on machines not manufactured by us.

The complete machine reconditioning consists of:

- strip down
- mechanical process adequate for each part (i.e. grinding of out of tolerance cylinders)
- damaged parts replacing
- replacing of bearing balls, belts and chains
- cleaning and painting
- assemblage



CUSTOM SOLUTIONS



CUSTOM SOLUTIONS

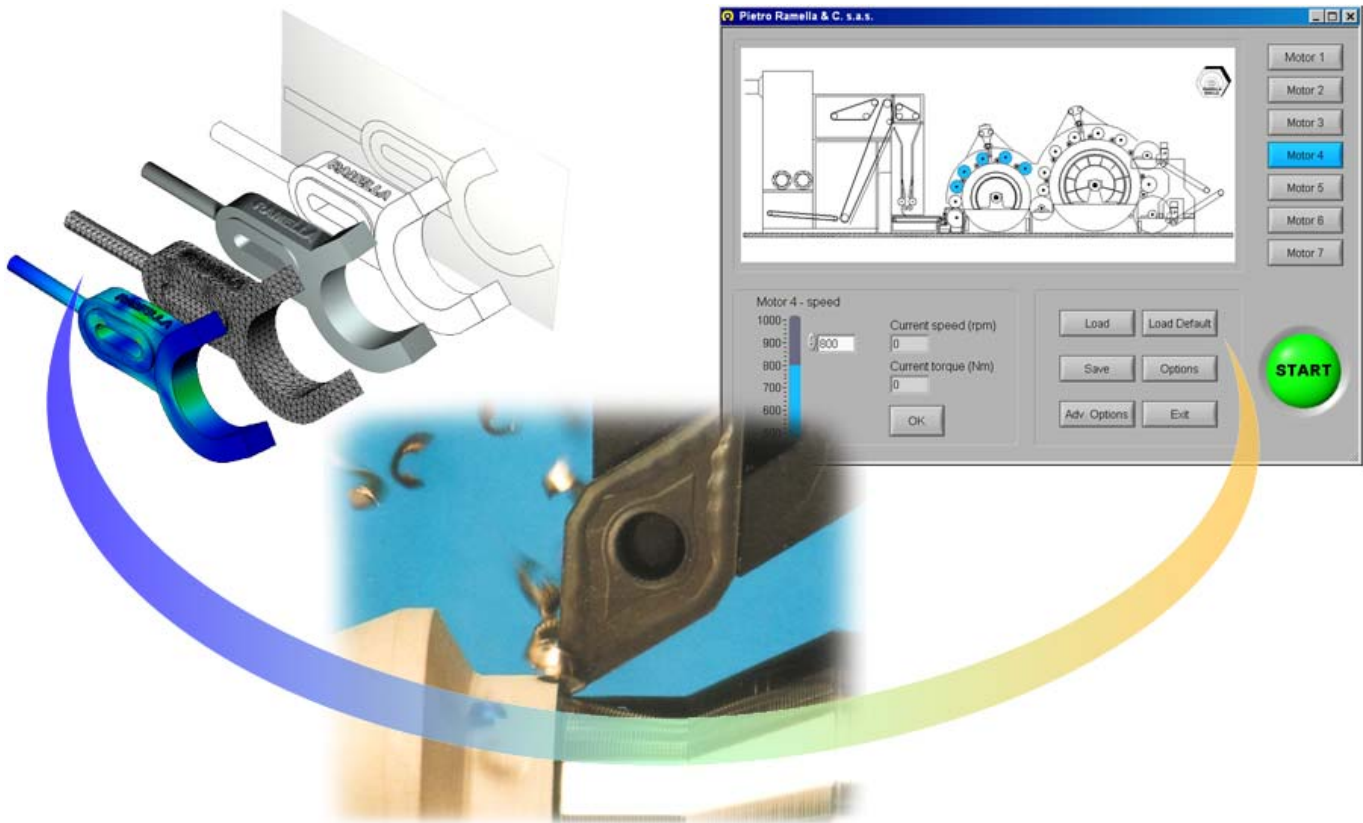
We can modify our machines on the basis of your needs.

We can supply custom solutions in the following fields:

- projecting
- engineering analysis
- mechanical parts or groups realization
- development of software for automation

Technical assistance at any time for the problems resolution.

7





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