1. Semi automatic length cutting machine for woven carpets with 5 knives

- Usable working width max 4200 mm
- Speed of production: max. 20 m/min
- Colour of the machines
- General: 2 layers RAL 7032
- Main board : RAL 7032 (Grey)
- All other control boards : RAL 7032 (Grey)
- All reversing rolls : Ø 127 mm
- Frame in steel 60x120
- EC-certificate II-A for our parts
- Power supply (3x400V+N, 50Hz)

B. In-feed J-Box

- Inner and outer wall are made of welded and galvanised steel sheet (1.5 mm)
- In-feed
- Out-feed
- Without edge-steering
- With necessary reversing rolls
- Capacity: 150 m
- With detection:

C. Guiding frame with mid steering

D. Cutting machine

- Frame with:
  - Rail for guiding the cutting blocs
  - Necessary reversing-rolls
  - 4 middle-cutters
  - With driven knife blade HSS (∅ 200)

D. Out-feed folding device

2. Automatic Transversal Cutting machine

Technical Description

- For transversal cutting of woven carpets with max width of 4 m.
- Automatic feeding from over edging line (output J-box), buggy or separate J-box (see options).
- Input side guiders are foreseen.
- Automatic detection of cutting line over whole cutting width.
- Automatic repositioning of cutting unit.

Connections:	Air pressure, minimum 6 Bar
Electricity:	230V mono or 3 x 230V or 3 x 380V + N
Pneumatic components:	NORGREN
Standard Colour:	RAL 7032

3. Speed up conveyor

Length:	4153 mm
Width:	1111 mm
Electricity:	230V mono or 3 x 230V or 3 x 380V +N
Standard color:	RAL 7032

4. Automatic Combi line for the transversal sides of rugs with auto serge cut

Technical Description

- Line for simultaneous continuous over edging of the 2 transversal sides working from folded carpets.
- Total length of the frame 9 m, width of 0,95m. In the frame we have two conveyor belts. The first one turns on a normal sewing speed. The other one turns on a higher speed to create tension on the serge. The tension on the serge makes a perfect scissor cut possible.

5. Speed up conveyor .

Length:	4153 mm
Width:	1111 mm
Electricity:	230V mono or 3 x 230V or 3 x 380V + N
Standard color:	RAL 7032

6. Fully Automatic Gluing machine

- Machine is made for continuous automatic double sided folding and gluing of woven rugs.

- Equipped with a special conveyor belt to avoid the carpet from moving in the folding unit.

- The machine is central driven.

- total length of 4500 mm and width of 850mm

Connections: Air pressure, minimum 6 Bar
Electricity: 3 x 380V

7. Speed up conveyor

Length: 4153 mm
Width: 1111 mm
Electricity: 230V mono or 3 x 230V or 3 x 380V + N
Standard color: RAL 7032

8. Automatic hard-rolling machine with an inspection table and a packing module

General specifications

- Maximum width of the rugs : 4000mm.
- Maximum length of the rugs : 4000mm.

Automatic hardrolling machine

- A conveyer belt of approximately 4 meters wide, and 6.5 meters long, makes sure the rug can be fully stretched out, before the rolling process begins.
- The feeding table can also be used as a final inspection surface.

Automatic straightening of the rugs

- The rugs are automatically placed into a straight position by a unique system.

Automatic supply from the confection line to the hard roller

- A conveyer belt is placed after the output belts from the confection line.
- Above the free end (not folded part) of the rug a belt is in contact with the rug. The rug stays under control during the transport.
- The rug is transported until a photo-electric cell detects the rug.
- Tube magazine, filling manual

9 .Automatic packing on the hard roller

- The film is being fed from the side of the machine towards the hard roller by a film feeding table.
- When the rug is nearly rolled up, the film is fed into the rolled rug. The rug and the film are then simultaneously rolled up (this way of packaging avoids using stretch tapers).
- Device applying non-adhesive label on the film
- The labels must be impermeable (no air may pass through the printed label) and non-adhesive (not even the edges).
- Formats: 17.2 cm x 27.6 cm and 15.2 cm x 21.6 cm.

10. Flatwelding seal

- A top sealing or side sealing machine:
- Can be adjusted in height according to the diameter of the rug.
- The film surplus is being cut of and blown away

12. applying of non-adhesive label in the film

- This machine has been developed for fairly heavy labels (such as metal ± 200 g/m²).
- The labels must be impermeable (no air may pass through the printed label) and non-adhesive (not even the edges).
- Formats: 17.2 cm x 27.6 cm and 15.2 cm x 21.6 cm.

Lay-out of the confection line:

1. Length cutting 5 heads with guiding frame and middle steering.
2. Automatic cross cutting machine and J-box
3. Speed up conveyor
4. Automatic combi line
5. Speed up conveyor
6. Automatic Gluing machine
7. Speed up conveyor
8. Automatic rolling unit .
9. Packing module.
10. Flatwelding unit .