Lap formair: converting waste into new products

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Who’s CORMATEX?

- Is a Textile machinery manufacturer for Woollen Spinning and Nonwoven.
- Is based in Montemurlo, near by Florence – Italy.
- Is a Family business at 3rd Generation, founded in 1938.
- Operates on the international markets, having installations all over the world.
- Is continuously innovating its technology, becoming a leading company in the following 2 sectors:
Who’s CORMATEX?

➢ Woollen Spinning:
  • Wool Deburring
  • Dehairing M/C
  • Carding and spinning of woollen yarn

➢ Nonwoven:
  • Carding + Cross lapping technology
  • Airlay lap forming technologies
  • Needle punched,
    Thermobonded complete lines
  • Recycling solutions
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Lap formair technology

from waste ...

... to new products
From textile waste...

recycled textile

building, automotive, furniture, insulation.
From cardboard and newspaper...
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From tires...

Recycled tire cord

Thermal and acoustic insulation
From mattress...

waste from mattress production (PU foam and latex)

home furnishing and mattress production
From carpets...

carpet waste

automotive industry
Economical advantages

- Reduced consumption of virgin materials
- Reduction of waste disposing costs
- Reduction of production costs
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Ecological advantages

- reduction of the amount of waste to be disposed of
- reduced consumption of raw materials and energy
- reduction of environmental impact of industrial productions
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Mattress recycling: a real case

- Foam
- Latex
- Wood
- Textile
- Steel

Collection
Unloading
Disinfection
Grinding
Cutting & Granulation
Transformation
Recycled products
POTENTIAL APPLICATIONS: building insulation

- attic
- brick wall
- interfloor soundproofing
- wooden wall
- plaster wall
POTENTIAL APPLICATIONS: automotive
POTENTIAL APPLICATIONS: home furnishings

- Armchair
- Sofa
- Carpet cushion
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CORMATEX business approach: to create INNOVATIVE solutions for waste recycling
WASTE RECYCLING is a REALITY thanks to Cormatex LAP FORMAIR
Thanks for your attention!

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