



Cutting, Filling Recycling & Shredding

Roll Cutting | Spreading | Stuffing

Recycling | Shredding

LIDEM is a company established in 1994 with over 30 years of previous accumulated experience and dedicated to designing and manufacturing machines. They are innovative and, developed by our own engineering team and manufactured in our installations with state of the art technologies, guarantee productivity and profitability to the final customer. It is specialised in three main sectors:

Cutting machines for home textiles, mattresses and technical applications: roll cutting machines to get pieces, ribbons and bias and spreading machines. Suitable for all kind of fabrics, non-woven, plastics, fiberglass, paper...

Stuffing machines for pillows, cushions and cuddly toys: bale breakers, fibre openers, foam and quilting shredders, weighing units, stuffing nozzles. Also vacuum packing machines, bagging units, pillow rolling and encasers.

Recycling machines for textiles, plastics, fiberglass, paper... Complete textile recycling plants, crushers, shredders, mills, transport conveyors, accumulation and feeding silos, blade sharpeners, accessories for metal detection and elimination...





Roller Cut

Roll Cutting and slitting Machines



LIDEM[®]

LIDEM[®]

Roller Cut CCME - B5I/B6I/B8I

LIDEM®



B5I-B6I



B8I



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DESCRIPTION

Manual roll cutting or slitting machine for cutting rolls into pieces, ribbons and bias. For rolls of up to Ø650mm and working widths of up to 6.000mm. Equipped with motorized sharpener and blade lubrication system.

USEFUL FOR

- Fabrics (cotton, synthetics and made of natural fibers) and Knitwear.
- Non-woven (polypropylene, felts).
- Fiberglass and kevlar.
- Polymers and plastic materials.
- Quilting, stretch and 3D fabric.
- Knitwear.
- Technical fabrics.

APPLICATIONS

- Bed Linen (bed sheets, pillows, pillow cases, eiderdowns, comforters, bedspreads, blankets).
- Mattress (mattresses, mattress covers, and protectors).
- Furnishing (Upholstery, sofa covers, curtains, blackouts).
- Fashion (sport and formal clothes, footwear, interlining).
- Lingerie
- Bath Linen (shower curtains, towels, swimsuits, bikinis).
- Table Linen (tablecloth, mats, napkins).
- Kitchen Linen (aprons, bread bags, dishcloths).
- Technical Applications, Aeronautics and Automotive (Wind driven generator blades, fuselages, air-bags, insulators).
- One use sanitary clothes.
- Canopies.
- Digital impression and banners.

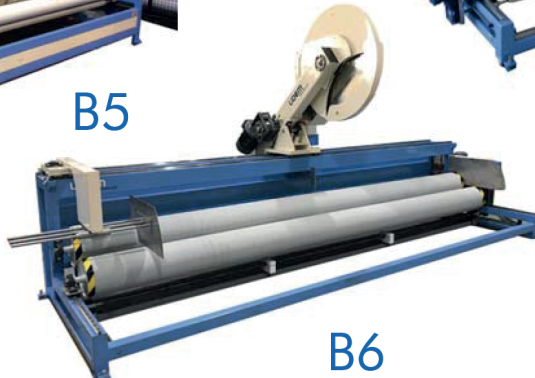




B5



B8



B6



DESCRIPTION

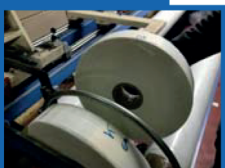
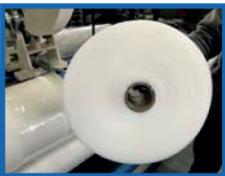
Full automatic roll cutting or slitting machine for the cutting of pieces and ribbons. For rolls of up to Ø650mm and working widths of up to 6.000mm. Equipped with motorized sharpener and blade lubrication system.

USEFUL FOR

- Fabrics (cotton, synthetics and made of natural fibres).
- Knittwear.
- Non-woven (polypropylene, felts).
- Polymers.
- Technical fabrics (fiberglass, kevlar).
- Quilting, stretch and 3D fabric.

APPLICATIONS

- Bed Linen (bed sheets, pillows, pillow cases, eiderdowns, comforters, bedspreads, blankets).
- Mattress (mattresses, mattress covers, and protectors).
- Furnishing (Upholstery, sofa covers, curtains, blackouts).
- Fashion (sport and formal clothes, footwear, interlining).
- Lingerie
- Bath Linen (shower curtains, towels, swimsuits, bikinis).
- Table Linen (tablecloth, mats, napkins).
- Kitchen Linen (aprons, bread bags, dishcloth).
- Technical Applications, Aeronautics and Automotive (Wind driven generators blades, fuselages, insulators).
- One use sanitary clothes.
- Canopies.
- Digital impression and banners.



Roller Cut CCAE - B10/B12

LIDEM®



B10



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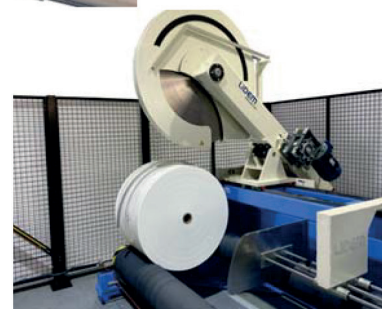
B12



You Tube



You Tube



You Tube



DESCRIPTION

Full automatic roll cutting or slitting machine for the cutting of pieces and ribbons. For rolls of up to Ø1000mm and working widths of up to 6.000mm. Equipped with motorized sharpener and blade lubrication system.

USEFUL FOR

- Fabrics (cotton, synthetics and made of natural fibres).
- Non-woven (polypropylene, felts).
- Polymers.
- Technical fabrics (fiberglass, kevlar).
- Quilting, stretch and 3D fabric.

APPLICATIONS

- Bed Linen (bed sheets, pillows, pillow cases, eiderdowns, comforters, bedspreads, blankets).
- Mattress (mattresses, mattress covers, and protectors).
- Furnishing (Upholstery, sofa covers, curtains, blackouts).
- Technical Applications, Aeronautics and Automotive (Wind driven generators blades, fuselages, insulators).
- One use sanitary clothes.
- Canopies.
- Digital impression and banners.





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CBAE



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CBME

DESCRIPTION

High precision roll cutting or slitting machine with axle. For the cutting of ribbons, and bias. For rolls up to Ø500mm and working widths up to 2.500mm. Equipped with sharpener and blade lubrication system. Automatic and manual models.

USEFUL FOR

- Fabrics (cotton, synthetics and made of natural fibres).
- Knittwear.
- Non-woven (polypropylene, felts).
- Polymers.
- Technical fabrics (fiberglass, kevlar).

APPLICATIONS

- Bed Linen (bed sheets, pillows, pillow cases, eiderdowns, comforters, bedspreads, blankets).
- Mattress (mattresses, mattress covers, and protectors).
- Furnishing (Upholstery, sofa covers, curtains, blackouts).
- Fashion (sport and formal clothes, footwear, interlining).
- Lingerie
- Bath Linen (shower curtains, towels, swimsuits, bikinis).
- Table Linen (tablecloth, mats, napkins).
- Kitchen Linen (aprons, bread bags, dishcloth).
- Technical Applications, Aeronautics and Automotive (Wind driven generators blades, fuselages, air-bags, insulators).
- One use sanitary clothes.
- Canopies.
- Digital impression and banners.

Roller Cut CCME D5I/D6I

LIDEM®



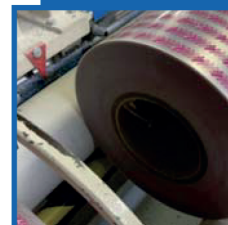
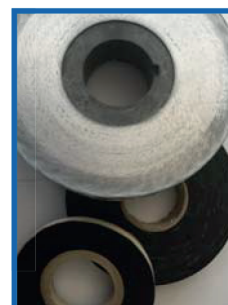
D5I/D6I



You Tube
Plastic



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Paper



DESCRIPTION

Manual roll saw cutting machine for cutting pieces and ribbons. For rolls up to Ø500mm and working widths of up to 4.500mm. Equipped with blade lubrication system.

USEFUL FOR

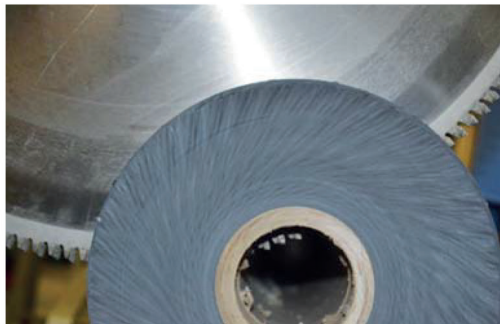
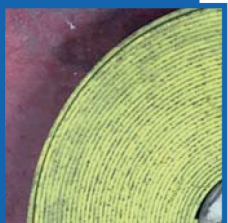
- Polymers and plastic materials.
- Paper.
- Laminated fabrics and melamines.
- Adhesive films.
- Adhesive tapes.
- Rubbers.



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P5D/P6D



DESCRIPTION

Full automatic roll saw cutting machine for cutting pieces and ribbons. For rolls up to Ø500mm and working widths of up to 4.500mm. Equipped with blade lubrication system. Optional roll feeding devices available.

USEFUL FOR

- Polymers and plastic materials.
- Paper.
- Laminated fabrics and melamines.
- Adhesive films.
- Adhesive tapes.
- Rubbers.

Roller Cut P8D/P10D

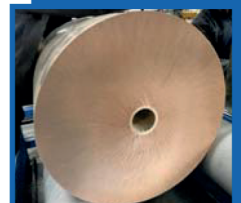
LIDEM®



P8D/P10D



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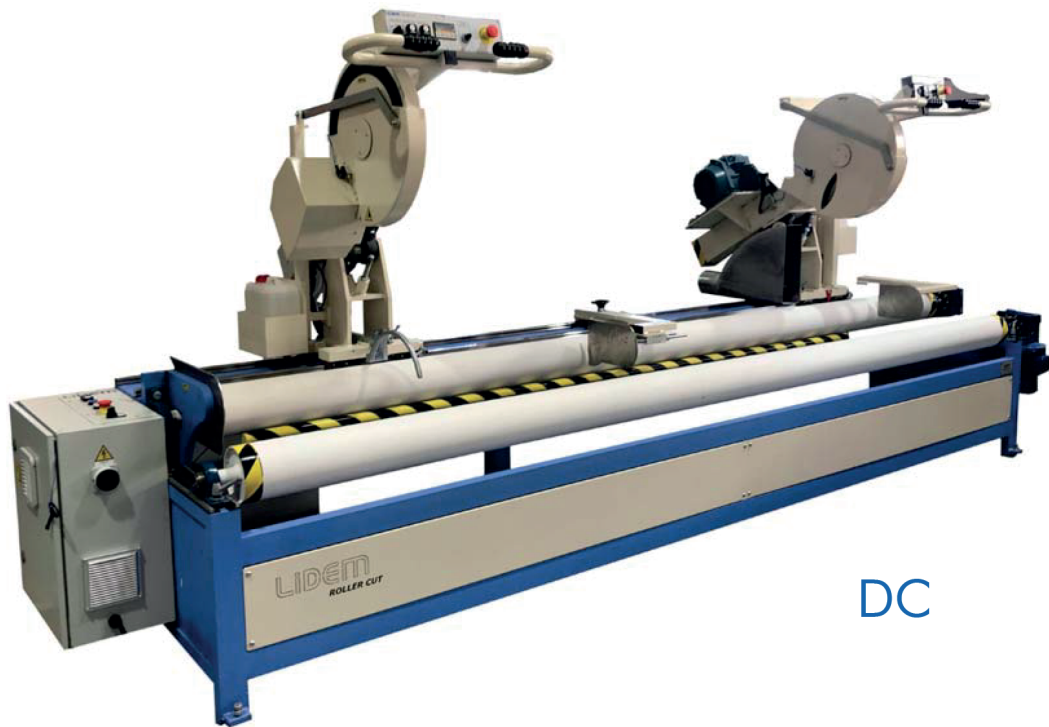


DESCRIPTION

Full automatic roll saw cutting machine for cutting pieces and ribbons. For rolls up to Ø850mm and working widths of up to 4.500mm. Equipped with blade lubrication system. Optional roll feeding devices available.

USEFUL FOR

- Polymers and plastic materials.
- Paper.
- Laminated fabrics and melamines.
- Adhesive films.
- Adhesive tapes.
- Rubbers.



DC



DESCRIPTION

Double head roll cutter or slitting machine. Equipped with a bevelled blade head and saw head in order to have two machines in one. Suitable for a rolls up to Ø500mm and working widths of up to 4.000 mm. Equipped with sharpener and optional blade lubrication or roll wrapping systems.

USEFUL FOR

The machine is useful for such customers that are limited in space but have the necessity to process soft materials such as textiles, non-woven and similar which are slitted with bevelled blade but also need to cut rolls of harder materials such as paper and plastics.

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Roller Cut Materials

LIDEM®



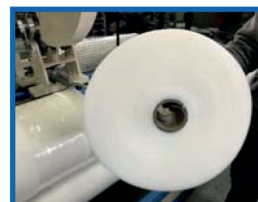
Non-woven



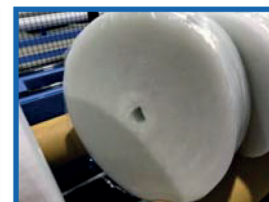
Non-woven



Open mesh



3D



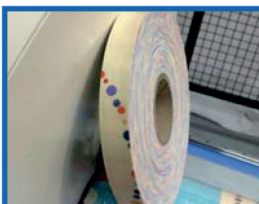
Wadding



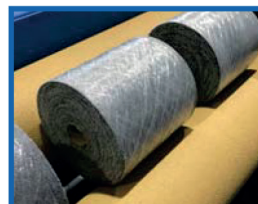
Felt



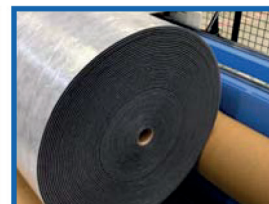
Carpet



Polyester



Upholstery



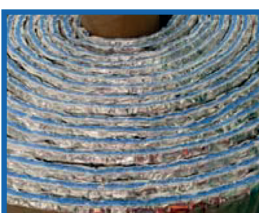
Foamed fabric



Stretch



Charme



Foam with aluminum



Foam



Knitwear



Lycra



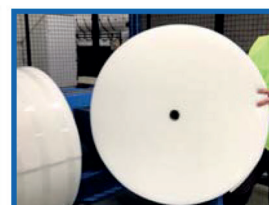
Canvas



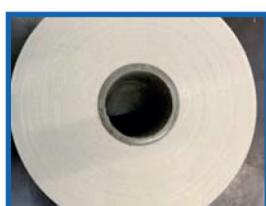
Hollow fiber



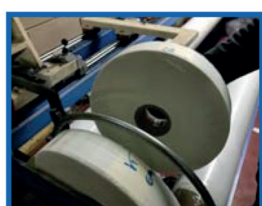
Fabric for blinds



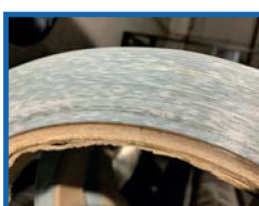
Memory foam



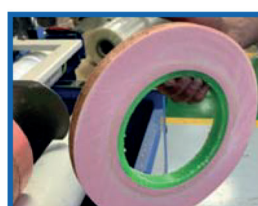
Fiberglass



Fiberglass mesh



Fiberglass prepreg



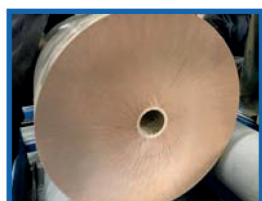
HDPE



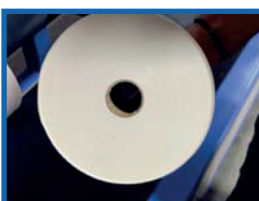
EVA



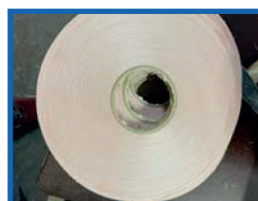
Silicone paper



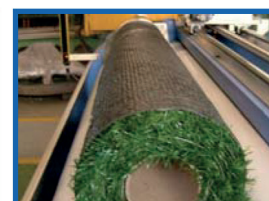
Kraft paper



Paper + polypropylene



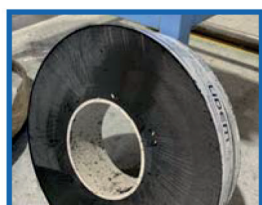
Airbag



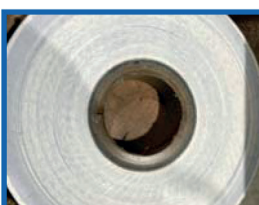
Grass



Food industry polyethylene



Plastic for rafts



PVC



Film



Film



LIDEM[®]

Extendor DC

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DESCRIPTION

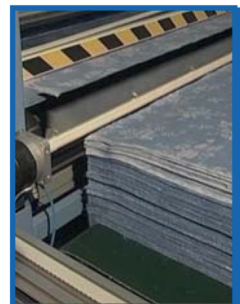
Full automatic spreading, cutting and stacking machine for fabrics and non-elastic materials. Designed to work simultaneously with multiple rolls. Manufactured in several working widths up to 3.200mm and variable lengths up to 15 meters.

USEFUL FOR

- Fabrics (cotton, synthetics and made of natural fibres).
- Non-woven (polypropylene, felts).
- Polymers.
- Fiberglass.

APPLICATIONS

- Bed Linen: Sheets, pillows, pillow cases, comforters, bedspreads, blankets.
- Mattresses and Mattress protectors.
- Furnishing: Upholstery, sofa covers, curtains, blackouts.
- Bath Linen: Rugs, shower curtains, towels.
- Technical applications, aeronautical, and cars: wind driven generators, fuselages, airbags, insulators, moulds.
- Disposable Hospital Linen.
- Banners, canopies and tents.
- Table Linen: tablecloths, napkins.
- Kitchen Linen: Aprons, dishcloths.
- Cleaning Materials: cloths, baizes.

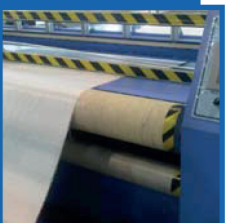




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DESCRIPTION

Full automatic spreading, cutting and stacking machine for all kind of fabrics and materials. Designed to work simultaneously with multiple A-Frames or with zigzag folded materials. Manufactured in several working widths up to 3.200mm and variable lengths up to 15 meters.

USEFUL FOR

- Fabrics (cotton, synthetics and made of natural fibres).
- Non-woven (polypropylene, felts).
- Polymers.
- Fiberglass.
- Technical fabrics.

APPLICATIONS

- Bed Linen: Sheets, pillows, pillow cases, comforters, bedspreads, blankets.
- Mattresses and Mattress protectors.
- Furnishing: Upholstery, sofa covers, curtains, blackouts.
- Bath Linen: Rugs, shower curtains, towels.
- Technical applications, aeronautical, and cars: wind driven generators, fuselages, airbags, insulators, moulds.
- Disposable Hospital Linen
- Banners, canopies and tents.
- Table Linen: tablecloths, napkins.
- Kitchen Linen: Aprons, dishcloths.
- Cleaning Materials: cloths, baizes.

Extendor GDT4

LIDEM®



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DESCRIPTION

Full automatic spreading, cutting and stacking machine for all kind of fabrics and elastic materials. Designed to work simultaneously with multiple rolls. Manufactured in different working widths up to 3.200mm and variable lengths up to 15 meters.



USEFUL FOR

- Fabrics (cotton, synthetics and made of natural fibres).
- Knittwear
- Non-woven (polypropylene, felts).
- Polymers.
- Glassfiber.



APPLICATIONS

- Bed Linen: Sheets, pillows, pillow cases, comforters, bedspreads, blankets.
- Mattresses and Mattress protectors.
- Furnishing: Upholstery, sofa covers, curtains, blackouts.
- Bath Linen: Rugs, shower curtains, towels.
- Technical applications, aeronautical, and cars: wind driven generators, fuselages, airbags, insulators, moulds.
- Disposable Hospital Linen
- Banners, canopies and tents.
- Table Linen: tablecloths, napkins.
- Kitchen Linen: Aprons, dishcloths.
- Cleaning Materials: cloths, baizes.



LIDEM® Extensor ACCESORIES



ACCESORIES

LIDEM Spreading machines can be customised with different accessories which will make the system more efficient for the customers. LIDEM offers some additional accesories for the machine like:

- **Alignment systems**, which allows the fabric to be aligned before being stacked and cut.
- **Additional roll racks** to allow the customer to increase the capacity of the machine by increasing the number of rolls.
- **Zig-zag unfolding systems** to work from zigzag folded fabrics in the machine.
- **Half width unfolding units** to work from plaited and half width folded fabrics in the machine.
- **Selvedge Cutters** to remove the edges of the fabric before it goes to the cutting and stacking stages.
- **Longitudinal cutters** which allow to make longitudinal cuts to the fabric while is being spread.
- **Edge suction systems** to extract the cut selvages.
- **Color identification** to detect specific colour lines in the fabric from where fabric will be cut.
- **Making units** which allows the customer to make pencil marks on the fabric at certain programmed distance.

Transca

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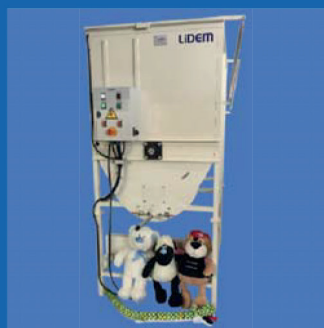
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DESCRIPTION

Compact and mobile machine for the rewinding and metering of rolls. Designed for fabrics, non-woven and plastic materials. Manufactured in different widths and for different roll diameters.



Stuffing Line



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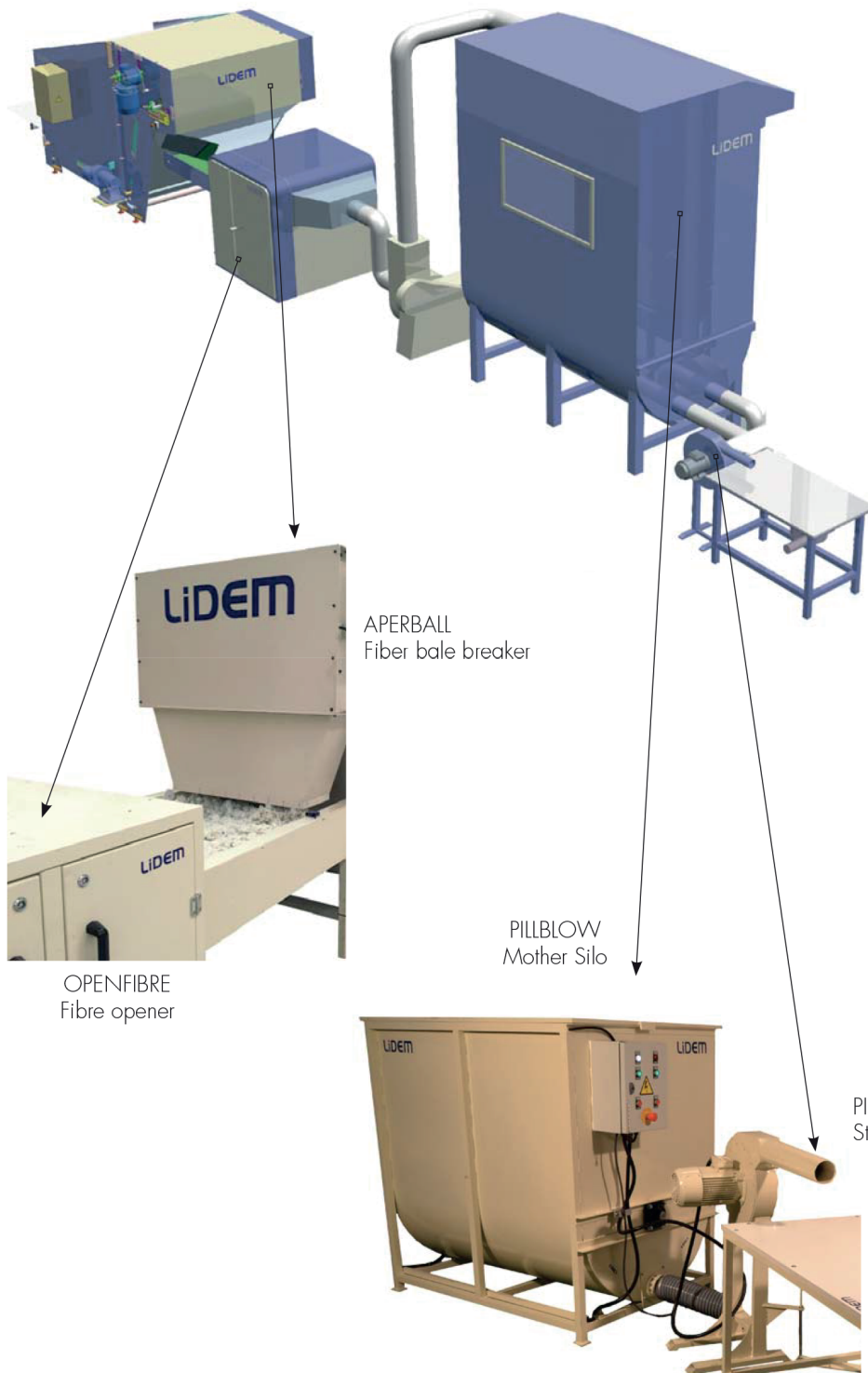
LIDEM[®]

Stuffing Line

Complete stuffing lines for pillows, cushions, puffs and cuddly toys. Suitable for fiber, feathers and crushed materials. Customized and adapted to customer necessities.



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CAB



CAB BC

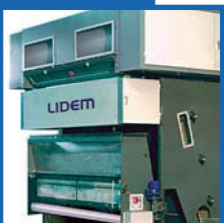


DESCRIPTION

Machine designed for fiber bale breaking and regular feeding of other productive systems or lines. Manufactured in different working widths, according to the customer necessities. High precision scales can also be integrated in the system for a maximum accuracy.

APPLICATIONS

- Pillows, cushions, eiderdowns, comforters...
- Toys: plush and teddy bears...
- Upholstery: cushions, sofas, couches, puffs...
- Spinning: blending lines
- Fiber dying lines.

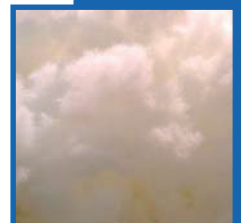


Openfibre AF

LIDEM®



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DESCRIPTION

Fiber opening machine for polyester or hollow siliconized fibers. Manufactured with V wire carding cylinders for a perfect opening of the fibres. With outputs of up to 400 Kg/hour.

APPLICATIONS

- Pillows, cushions, eiderdowns, comforters...
- Toys: plush and teddy bears...
- Upholstery: cushions, sofas, couches, puffs...
- Spinning: blending lines
- Non-woven lines.

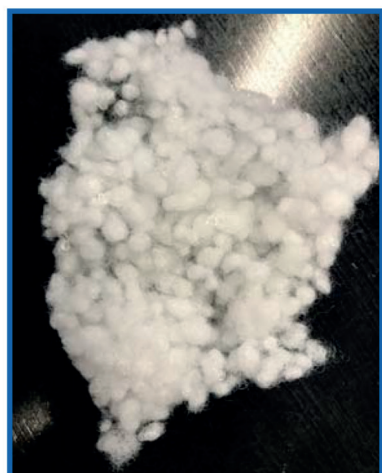
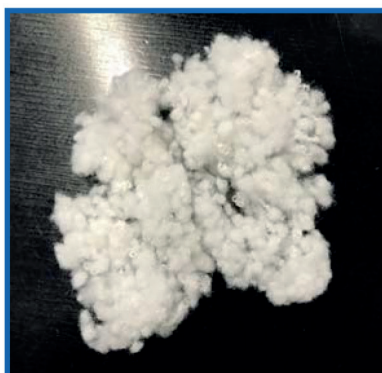


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DESCRIPTION

System designed for the elaboration of fiber pearls using polyester or hollow siliconized fiber, with outputs of up to 150Kg/hour. Specially designed for pillows, cushions and cuddly toys.



Triturator MT

LIDEM®



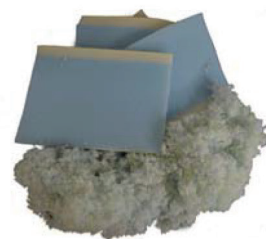
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DESCRIPTION

Shredder or Crusher for the cutting and shredding of foam, latex, memory foam, foamized fabrics, wadding, quilts... To be used as stuffing materials for pillows, cushions, sofas, cuddly toys... With outputs of up to 200 Kg/hour.

APPLICATIONS

- Pillows, cushions, eiderdowns, comforters...
- Toys: plush and teddy bears...
- Upholstery: cushions, sofas, couches, puffs...
- Recycling.

MOD. BA



You Tube



MOD. BP



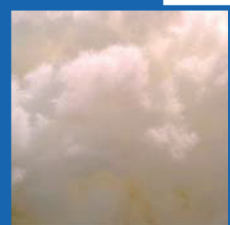
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MOD. MLB



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DESCRIPTION

System designed to receive and/or store opened fibers or crushed materials (foams, latex, viscolastic...) and further filling of pillows, cushions, toys...

Depending on productive necessities, customer can choose among several filling systems and nozzles (suction nozzle, endless screw or pressured nozzle).

APPLICATIONS

- Pillows, cushions, eiderdowns, comforters...
- Toys: plush and teddy bears...
- Upholstery: cushions, sofas, couches, puffs...

Pilroll RA

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DESCRIPTION

Pressing and rolling machine for high volume textile elements and latter introduction of them into plastic bags.

Offered in different widths up to 800 mm and interchangeable cases.

APPLICATIONS

- Pillows
- Cushions
- Eiderdowns and comforters
- Blankets



LIDEM reserves the right to modify designs in line with current improvements - LIDEM se reserva el derecho de modificar sus modelos por mejoras técnicas

Encapil EAV

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DESCRIPTION

Encasing machines for foam, latex and memory foam into the final recipient. System with a sturdy structure and high outputs with only one operator.



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Presspack PE



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DESCRIPTION

Packing machine for textile elements such as eiderdowns, comforters, blankets, sheets, pillows.

- Without electric consumption.
- Adjustable pressure.
- High output.



FEEDING

PRESSING

PACKING

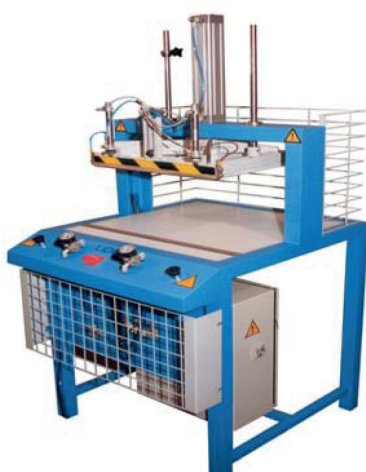
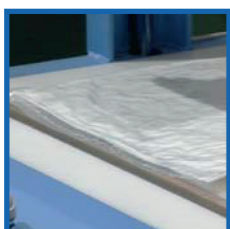
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Pressvac PSD



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DESCRIPTION

Pressing machine for high volume materials (eiderdowns, comforters, blankets, pillows) and further welding of the plastic bag to get a vacuum packing.

- Adjustable Pressure.
- High quality welding.
- Adjustable Temperature.

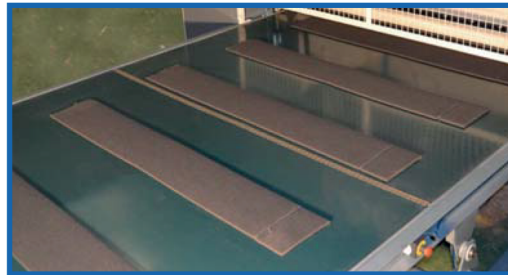


Pressing Examples

LIDEM reserves the right to modify designs in line with current improvements - LIDEM se reserva el derecho de modificar sus modelos por mejoras técnicas



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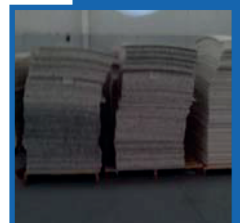
DESCRIPTION

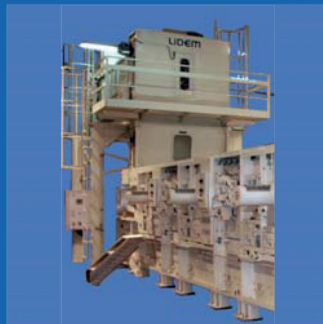
Guillotine panel cutter for non-woven and felts. Equipped with longitudinal cutters and transversal guillotine. It is possible to use the machine in line with other systems or as autonomous machine.



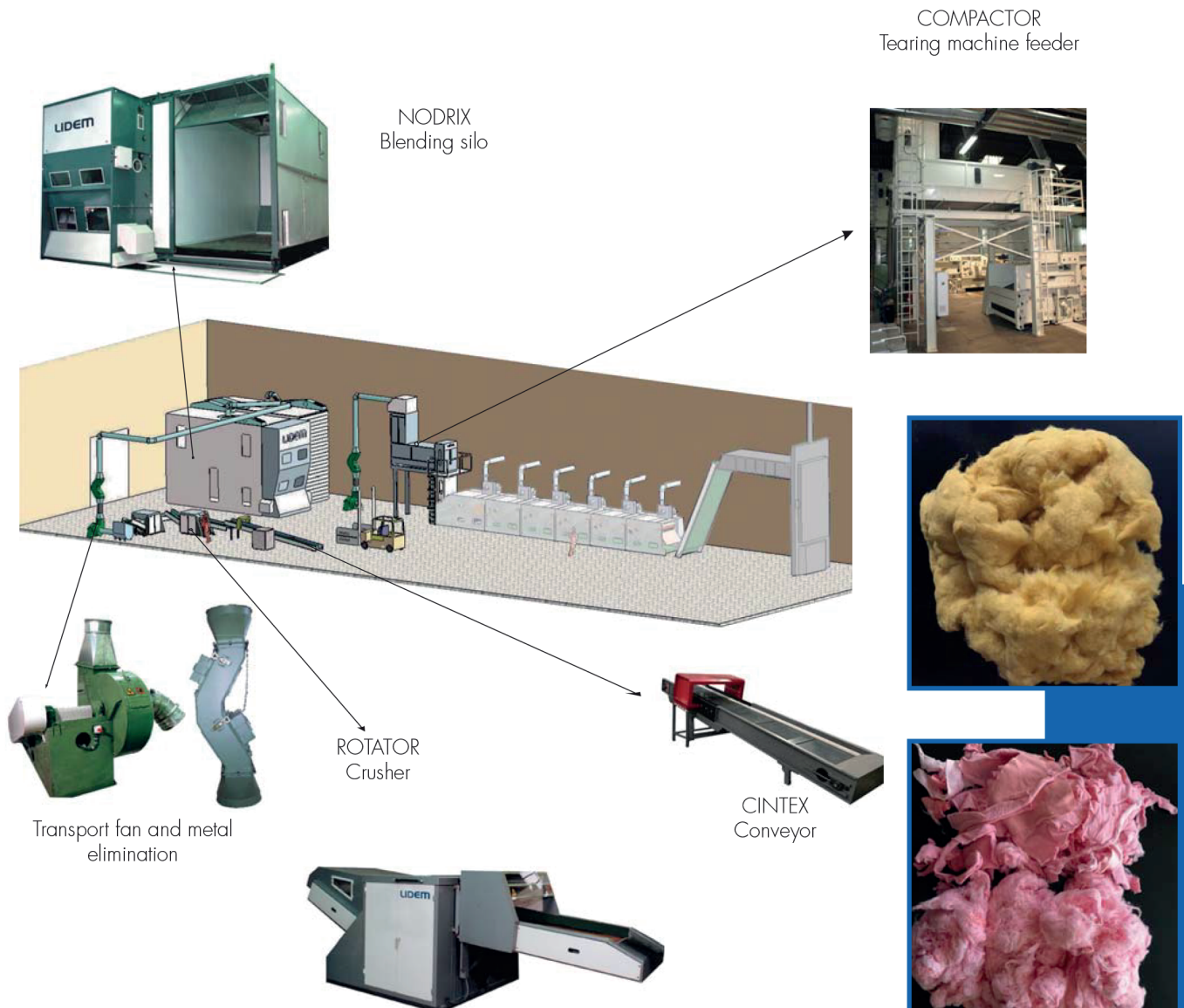
USEFUL FOR

- Mattresses.
- Upholstery.
- Non-woven and felts.
- Quiltings.
- Technical fabrics.





Recycling plants of several capacities for the recycling of synthetic fabrics (nylon, polyester, acrylic...); natural fabrics (cotton, jute, linen, esparto, sisal, wool...); Non-woven (wadding, batting, felts...) ...



DESCRIPTION

Transport Blower of different capacities for the impulsion and pneumatic transport of all kind of materials through piping to further productive processes.

High sensibility metallic particle detectors. By installing this kind of device, the customer avoids the introduction of metallic objects and particles in the system and further productive systems.

Permanent Magnet Pass with Z Shape for metallic elements detection and elimination, installed in the pneumatic transport piping lines. It avoids introduction of metallic objects and particles into further productive systems.



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TTFI



TSB

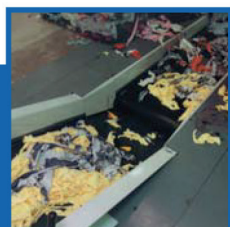


DESCRIPTION

Sturdy transport and feeding conveyors for all kind of materials. Manufactured in different lengths and widths.

Manufactured in different formats: placed at floor level, horizontal, inclined, curved, etc. and with different band types (smooth, rough, with profiles) and materials (PVC, rubber, metallic)...

Equipped with optional metal detectors.





DESCRIPTION

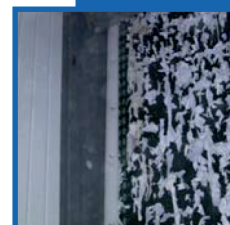
Double automatic storage and blending silo for the feeding of industrial processes such as: textile recycling lines, non-woven lines, spinning lines...

USEFUL FOR

- Shredded or crushed textiles.
- Fibres.
- Fiberglass.

APPLICATIONS

- Textile Recycling lines.
- Non-woven lines.
- Spinning lines.
- Stuffing lines.
- Carding lines.





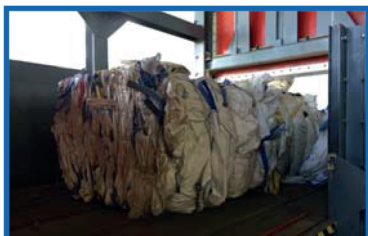
You Tube



DESCRIPTION

Feeding silos for tearing machines. For a continuous and regular feeding of tearing machines in the textile recycling processes.

Manufactured in several working widths and storage capacities, depending on the tearing machine to be fed.



DESCRIPTION

Shears or guillotine machine for the cutting of plastics, raffia, big-bags, textiles, paper or urban waste in bale form. Equipped with a pressing unit which facilitates the cutting process and a pusher for the automatic feeding of the bales to the cutting system.



Rotator CRS

LIDEM®



CRS8 DT



You Tube



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You Tube



CRS8



You Tube



CRS5 NA



CRS5 NA DT

ROTATOR CRD5 NA



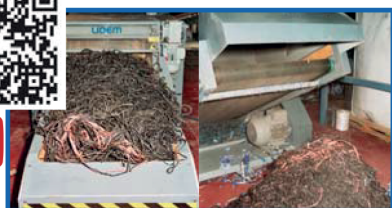
Blade Sharpener



You Tube



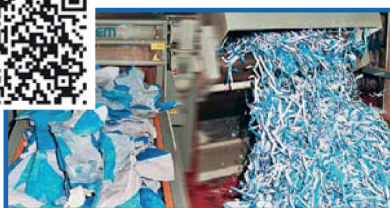
YouTube



Ropes



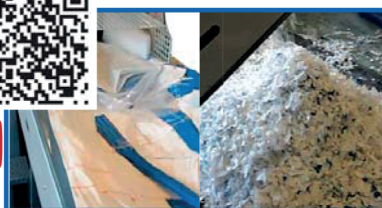
YouTube



Polypropylene



YouTube



Raffia



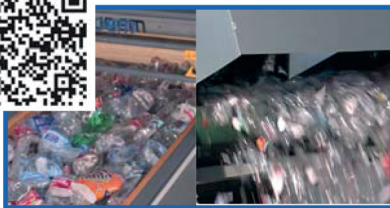
YouTube



Fiberglass



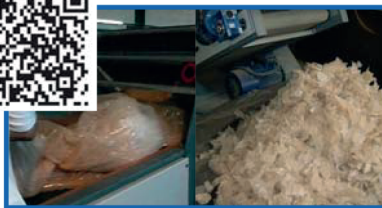
YouTube



PET



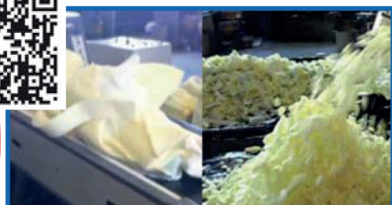
YouTube



Agricultural film



YouTube



Foam



YouTube



Foam



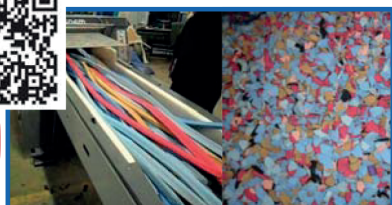
YouTube



Sisal



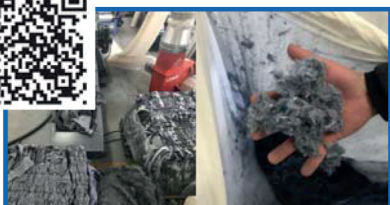
YouTube



EVA



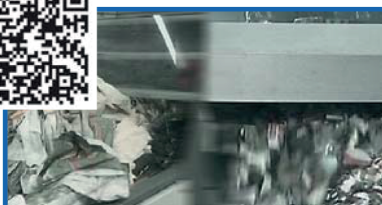
YouTube



Felts



YouTube



Textil Waste


Metal
Detector


Tow

DESCRIPTION

Cutter-shredder for all kind of materials, with outputs up to 10.000Kg/hour. Equipped with optional metal detector.

APPLICATIONS

Used in the cutting and recycling of:

- Synthetic Fibres (nylon, polyester, acrylic, kevlar).
- Natural Fibres (cotton, jute, flax, hemp, esparto, sisal, wool).
- Tows.
- Natural and synthetic fabrics.
- Non-woven (batting, felts, needlepunched).
- Polymers (PET, polypropylene, polyethylene, polyamide, latex, foam rubber).
- Mineral Fibres (glassfibre, aramid).
- Nets and ropes.
- Paper.

Triturator TR - TRS

LIDEM®



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You Tube





Paper



Polypropylene



Raffia



Sieve



Agricultural film



Raffia

DESCRIPTION

High output (up to 3.000 Kg/hour) crusher or shredder for the crushing or shredding of all kind of materials.

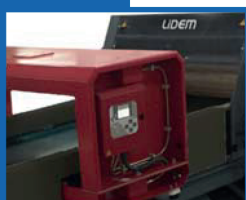


Accessability

APPLICATIONS

Used for the shredding of:

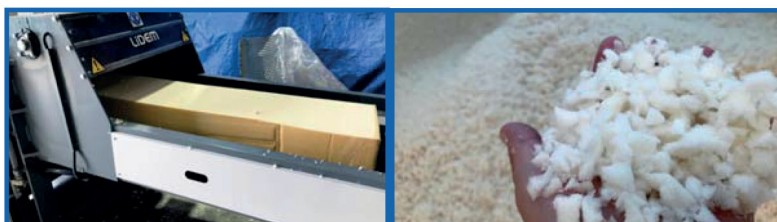
- Plastics (polypropylene, polyethylene...).
- Agricultural films.
- Raffia and Big-bags.
- Ropes.
- Rubber.
- Fiberglass.
- Nets and ropes.
- Paper.



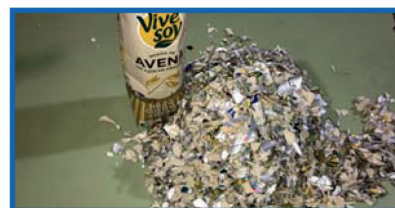
Metal
Detector

Triturator TR - TRS

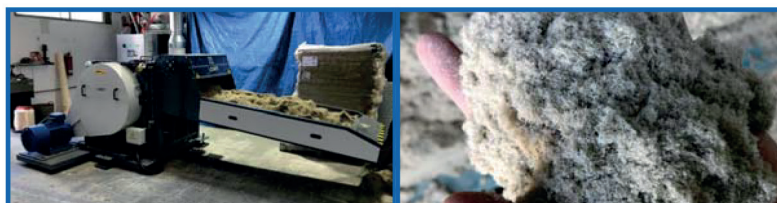
LIDEM®



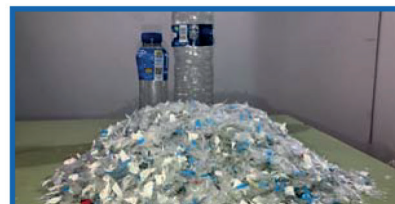
Foam



TetraBrik



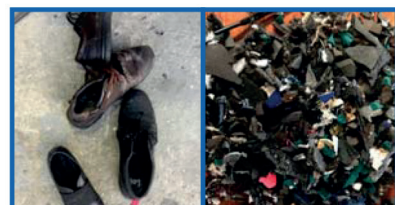
Natural fibers



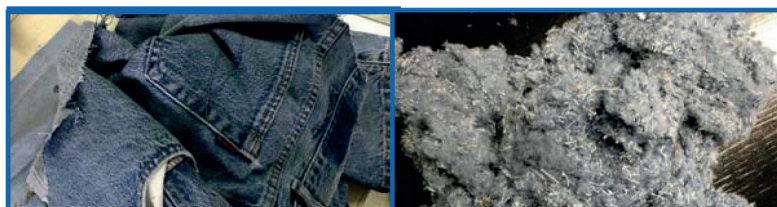
PET



Felts



Shoes



Jeans



Polyethylene with magnesium hydroxide



Wool



SIM card



Latex



Paper



Carpet



Low density polyethylene



Quilts



Quilts



Felts



Jute bags



Foam



Knitwear



Sanitary material



Hemp



Hemp



Agave fiber



Foam



Dry foam



EVA Rubber



Foam



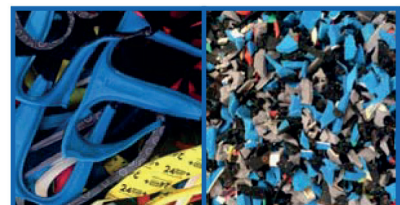
Grass



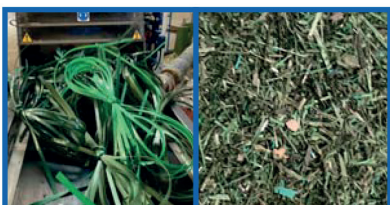
Latex gloves



Fiberglass mesh



Insole



Strip



Rubber with recycled fire



Plastic

Triturator MT

LIDEM[®]



You Tube
Paper



You Tube
Fabric



You Tube
Quilted fabric



You Tube
Foam



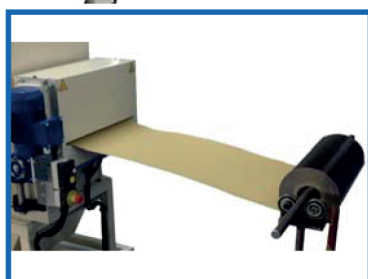
You Tube
Latex



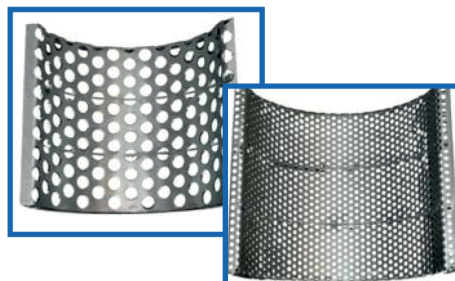
You Tube
Tetrabrick



You Tube
PET



Feeding systems for rolls



Interchangeable Grids



Bagging Unit

DESCRIPTION

Shredder or Crusher for the cutting and shredding of foam, latex and similar, textiles, as well as paper, documents and plastic materials such as PET bottles, film, bags and others. With outputs of up to 400 Kg/hour.

APPLICATIONS

- Pillows, cushions, eiderdowns, comforters...
- Toys: plush and teddy bears...
- Upholstery: cushions, sofas, couches, puffs...
- Recycling.
- Destruction of documents.



You Tube

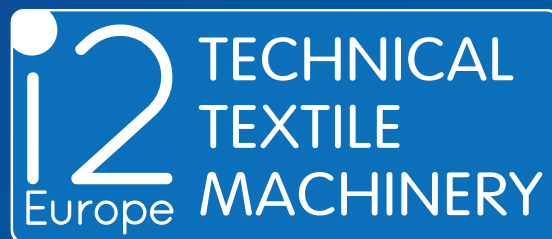
DESCRIPTION

Accumulation and feeding silo for crushed plastic and other materials pieces or chips, for a controlled dosage and feeding or further productive processes such as extruders, washing lines, ovens...

Depending on desired accumulation capacity, feeding speed or quantity of material to be dosed, LIDEM manufactures silos with different capacities and with several outputs.

APPLICATIONS

- Treatment and recycling of materials.



Design, Manufacture, Supply & Support

enquiries@i2europe.co.uk

For further information and even more machinery visit our website

www.i2europe.co.uk