since 1994

25

Aniversary

i2 Europe
TECHNICAL TEXTILE MACHINERY

Machinery Design & Construction

LIDEM

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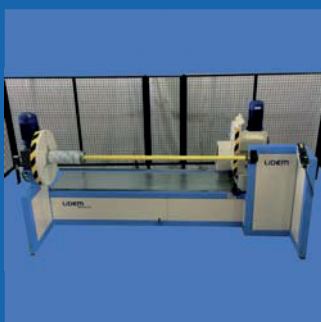
Recycling machines for textiles, plastics, fiberglass, paper… Complete textile recycling plants, crushers, shredders, mills, transport conveyors, accumulation and feeding silos, blade sharpeners, accessories for metal detection and elimination…
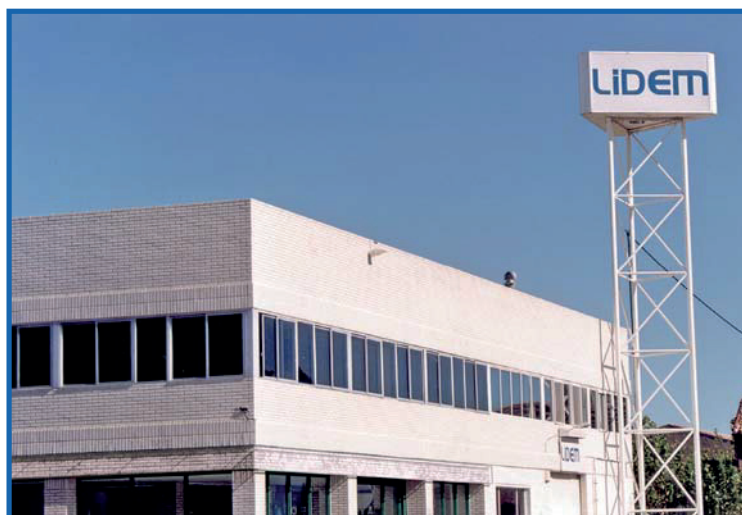
Roller Cut

Roll Cutting Machines

Roller Cut CCME - CCME MAX

LIDEM®

CCME

CCME MAX

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.
· Knittwear.
· 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.
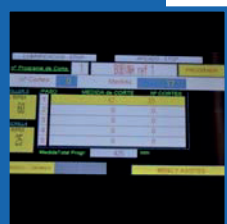
LiDEM®

Roller Cut CCAE - CCAE MAX

CCAE MAX

CCAE

CCAE MAX

DESCRIPTION

Full automatic roll cutting or slitting machine for the cutting of pieces and ribbons. For rolls of up to Ø850mm 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 CBAE - CBME

LIDEM®

CBAE

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.
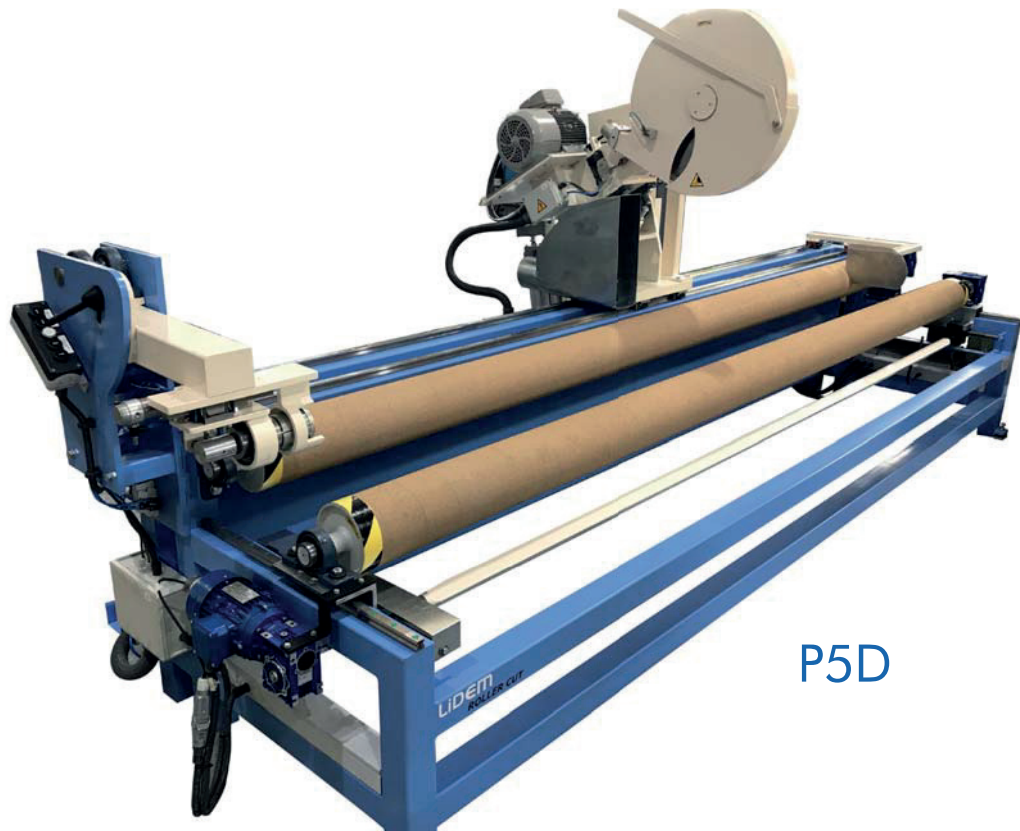
USEFUL FOR

· 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.

LIDEM®

Roller Cut P5D - P6D - P8D
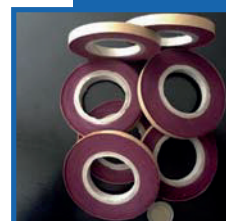
P5D
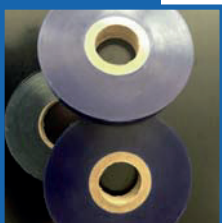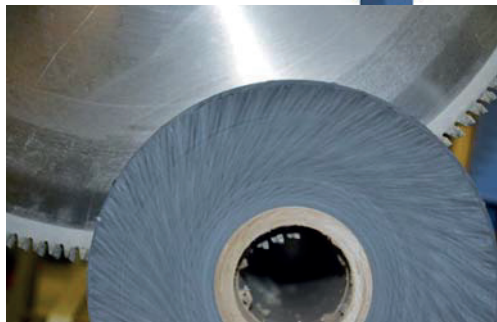
DESCRIPTION

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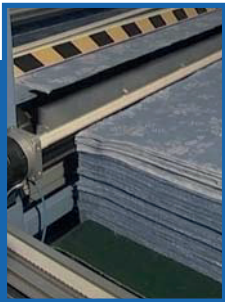
USEFUL FOR

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

Extendor

Spreading Machines

LIDEM®

Extendor DC3
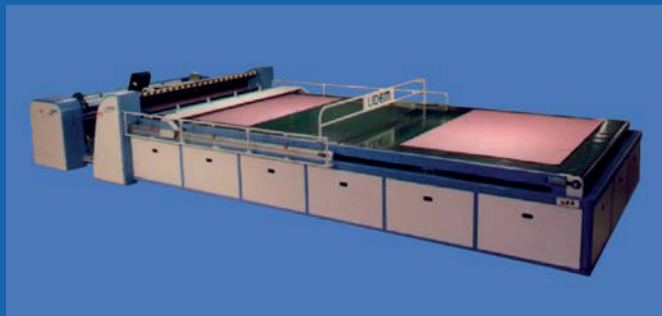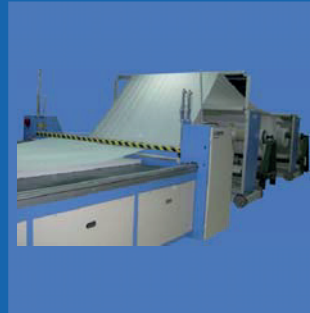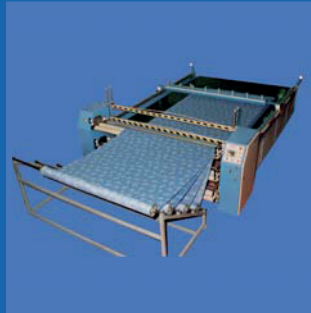
DESCRIPTION

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.

Extendor GDB2

LIDEM®

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.
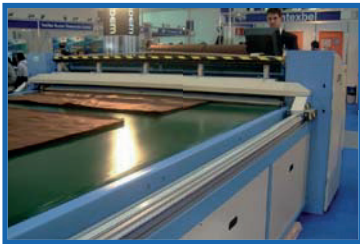
USEFUL FOR

· 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.

LIDEM®

Extendor GDT4

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.

Transca

LIDEM®

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.

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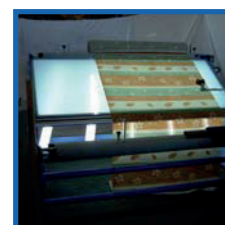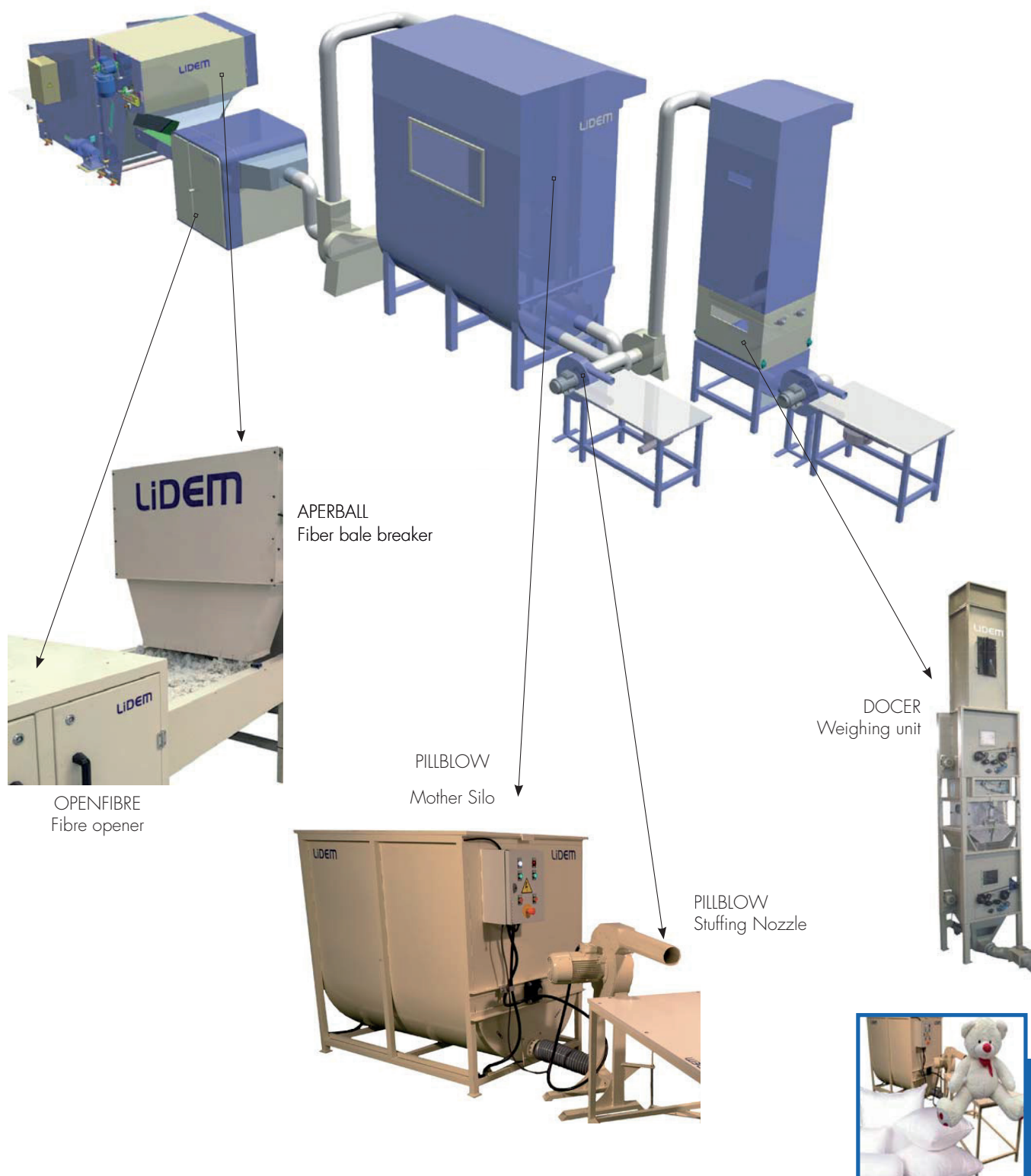
Quality Compact

LIDEM®

DESCRIPTION

Compact inspection and metering machine. Designed for fabric rolls and non-woven. Manufactured in different widths and roll diameter capacities.

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

Stuffing Line

Stuffing Line

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

APERBALL
Fiber bale breaker

OPENFIBRE
Fibre opener

DOCER
Weighing unit

PILLBLOW

Mother Silo

PILLBLOW
Stuffing Nozzle

LIDEM®

Aperball CAB

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®

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.
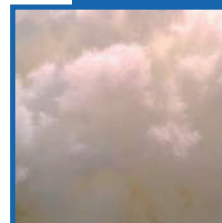
Ballfibre MFB

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.
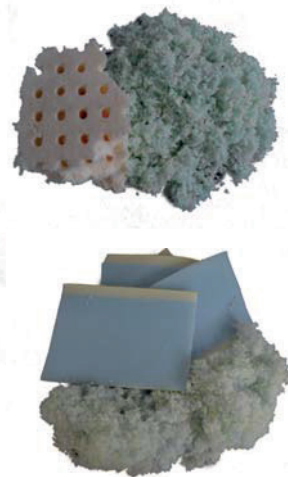
Docer

DESCRIPTION

Weighing silos for opened fibers and further dosage of filling units. Suitable for pillows, cushions, sofas, toys… The silos incorporate a high precision scale for an accurate material weighing.

Triturator MT

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…
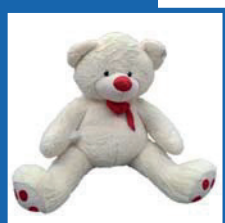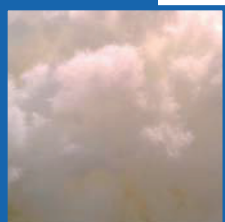· Upholstery: cushions, sofas, couches, puffs…
· Recycling.

LiDEM®

Pillblow

MOD. BA

MOD. BP

MOD. MLB

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

LIDEM®

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   · Eiderdowns and comforters
· Cushions   · Blankets

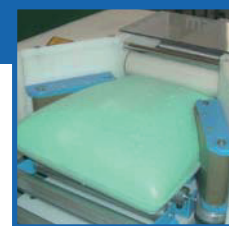LIDEM reserves the right to modify designs in line with current improvements - LIDEM se reserva el derecho de modificar sus modelos por mejoras técnicas

Encapil EAV

LIDEM®

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.

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

LIDEM®

Presspack PE

DESCRIPTION

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

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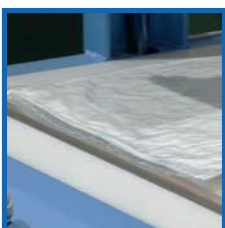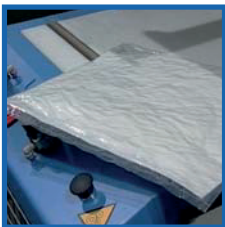· Adjustable pressure.
· High output.

FEEDING   PRESSING   PACKING

LIDEM®
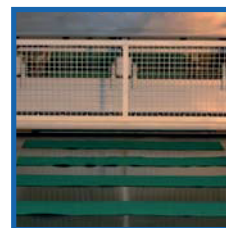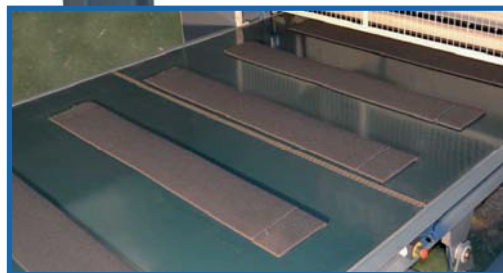
Pressvac PSD

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
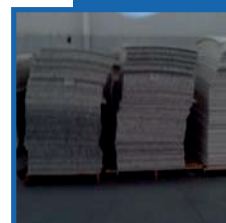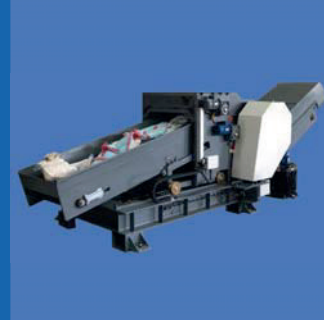
Guicut GCP

LIDEM®

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.
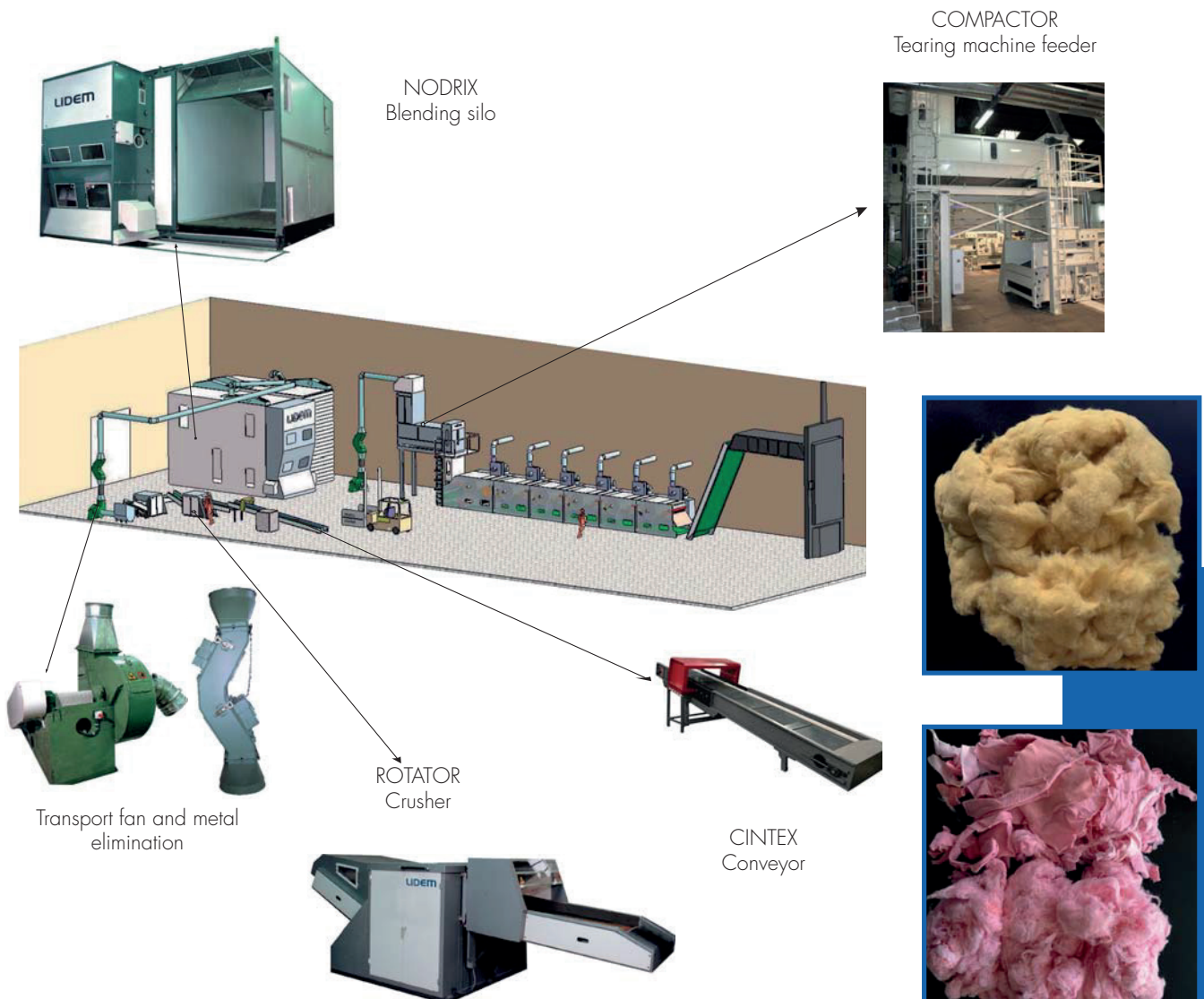· Non-woven and felts.
· Quiltings.
· Technical fabrics.

Recycling

Textile Recycling Plant

LIDEM®

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…)

NODRIX
Blending silo

COMPACTOR
Tearing machine feeder

Transport fan and metal
elimination

ROTATOR
Crusher

CINTEX
Conveyor

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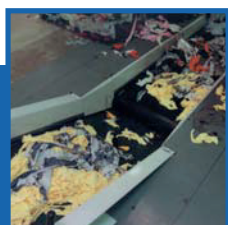
Permanent Magnet Pass with Z Shape for metallic elements detection and elimination, installed in the pneumatic transport piping lines. It avoids introduction of metallic objects and particles into further productive systems.

Cintex TSB - TTF - TTFS

LIDEM®

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.

Nodrix SAM

LiDEM®

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.

LiDEM®

Compactor SAD

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.

Cibal CVC

LIDEM®

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
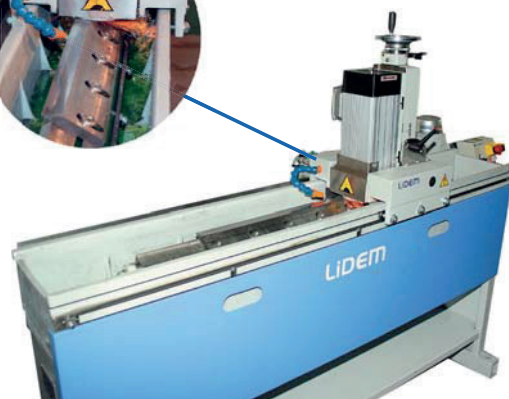
Cutters-Shredders

Rotator CRSM - CRS

LIDEM®

CRS8 DT

CRSM8

ROTATOR CRS8

ROTATOR CRS5

ROTATOR CRD5

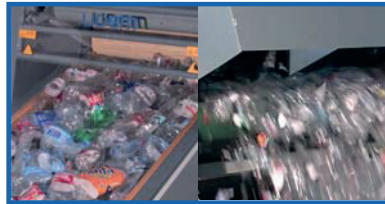Blade Sharpener

Rotator CRSM - CRS

Ropes

Polypropylene

Big bags

Fiberglass

PET

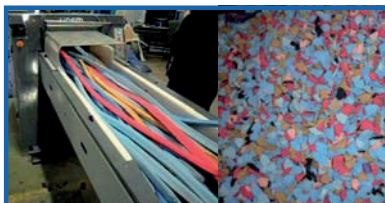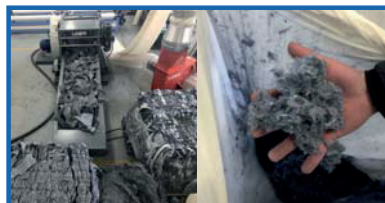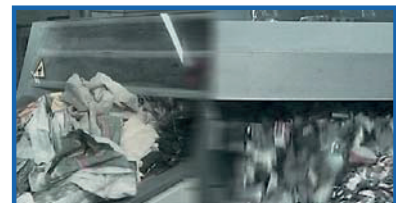Agricultural film

Foam

Foam

Sisal

EVA / EVA

Fieltro / Felts

Textile Waste

Metal Detector

Tow

Accesibility

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, whool).
· Tows.
· Natural and syntnthetic 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

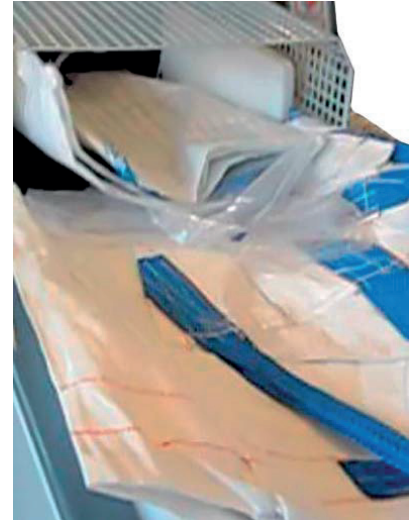**LIDEM**®

LIDEM®

Triturator TR - TRS

Paper

Polypropylene
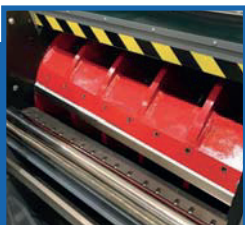

Big bags

Big bags

Agricultural film

Natural fibers

DESCRIPTION

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

Accesibility

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 MT

LIDEM®

MT/15

MT/10

MT/15

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.

Silplast SADR

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.

i2 Europe TECHNICAL TEXTILE MACHINERY

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