



Pierret

Since 1925

innovations
from experience

Worldwide leader in feeding and cutting



Since 1925

Worldwide leader
in feeding and cutting



COMPANY PROFILE p. 4-5

PRODUCTS

- Automatic feeders p. 6-7
- Cutting machines p. 8-9
- Accessory equipment p. 10-11

APPLICATIONS

- Preparation for textile waste recycling p. 12
- Preparation for soft plastic waste recycling p. 13
- Special applications p. 14

SINCE 1925

Pierret specializes in the manufacture of guillotine cutting machines as well as automatic feeders mainly dedicated to the preparation for textile and soft plastic waste recycling. They can also be used for special applications such as high precision short cut, reinforcement, etc. Pierret machines easily and accurately handle most textile and soft plastic materials as well as special fibers (glass, carbon, aramid, basalt, stainless steel, Dyneema®, Spectra®, ...) without danger of melting or fusion. They are easy to use and of robust construction, reliable, capable of providing significant outputs at low installed power, adapted to the most varying conditions and suitable for difficult-to-handle applications.

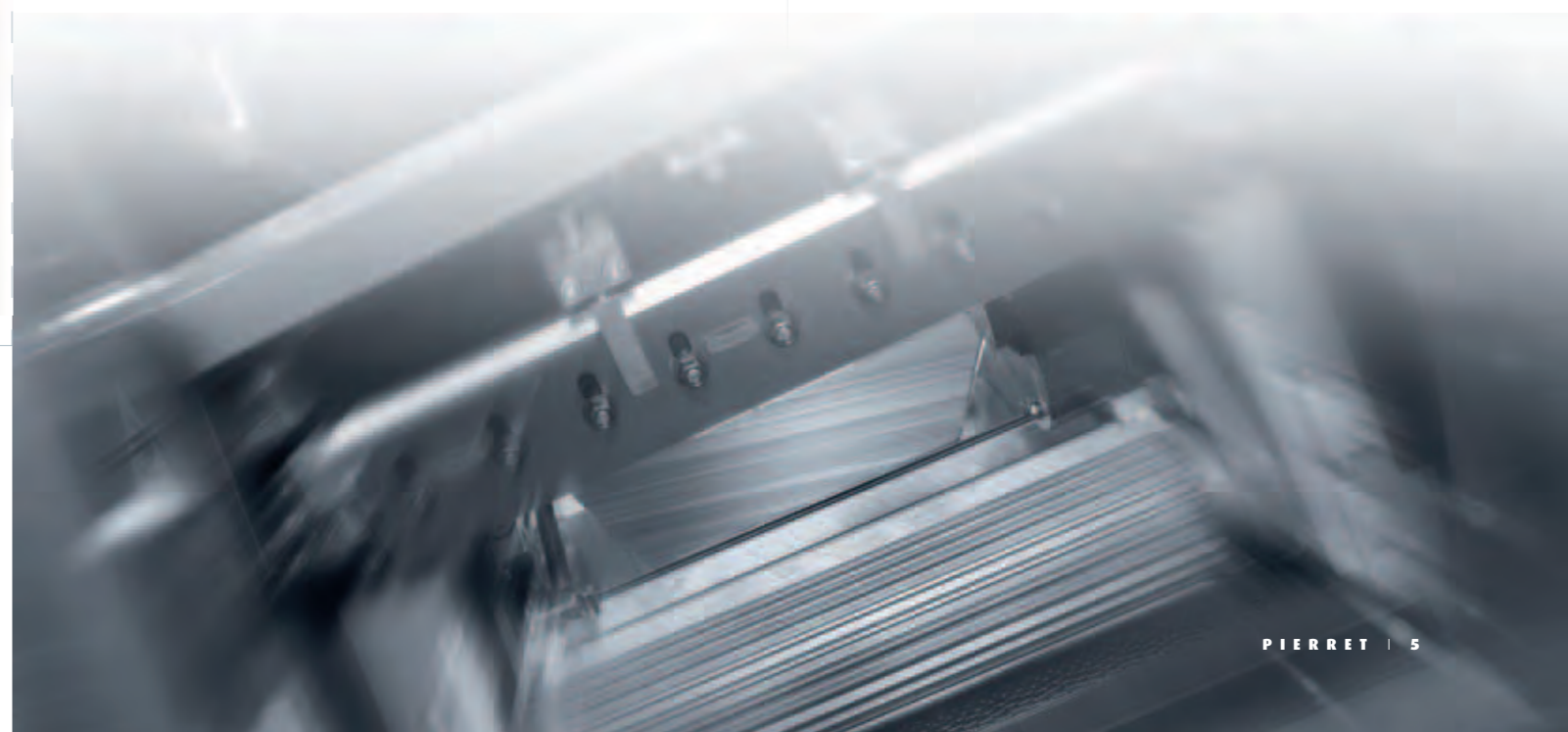


ALL UNDER ONE ROOF

This is how you can quickly describe our company. In our state-of-the-art manufacturing facility located in Belgium, we always start from basic raw materials in order to ensure full control over the entire production process. We take care of the development, the manufacture and the assembly of all our products.

IN MORE THAN 70 COUNTRIES

Thanks to local agents, test facilities, after-sales service teams as well as overseas spare parts inventories, Pierret customers are always offered a quick and suitable support. Based on our experience and know-how, we are constantly listening to our customers to innovate our products and provide optimal solutions to the market place.





ROBOT COMPACT

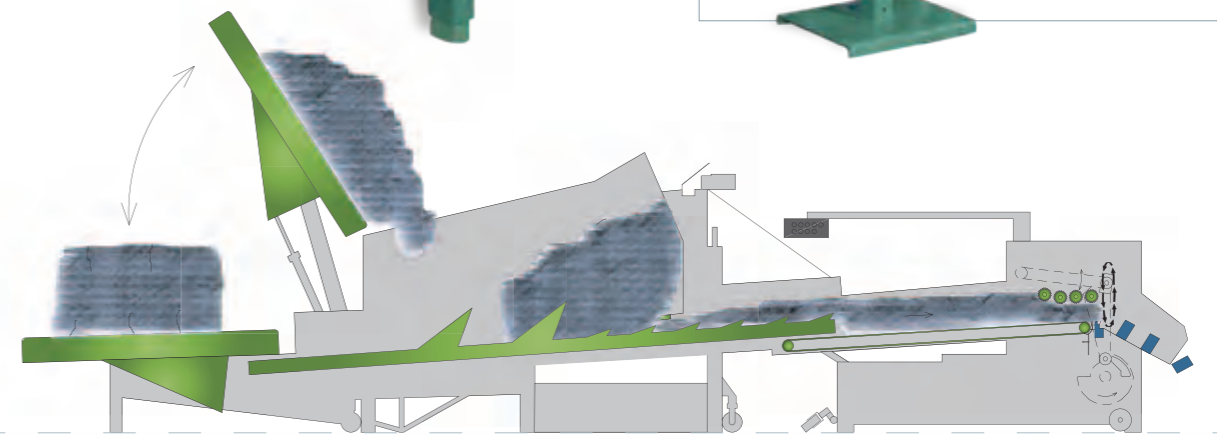
Medium capacity automatic feeder compatible with our N45 and CT60 cutting machines as well as with other recycling equipment.

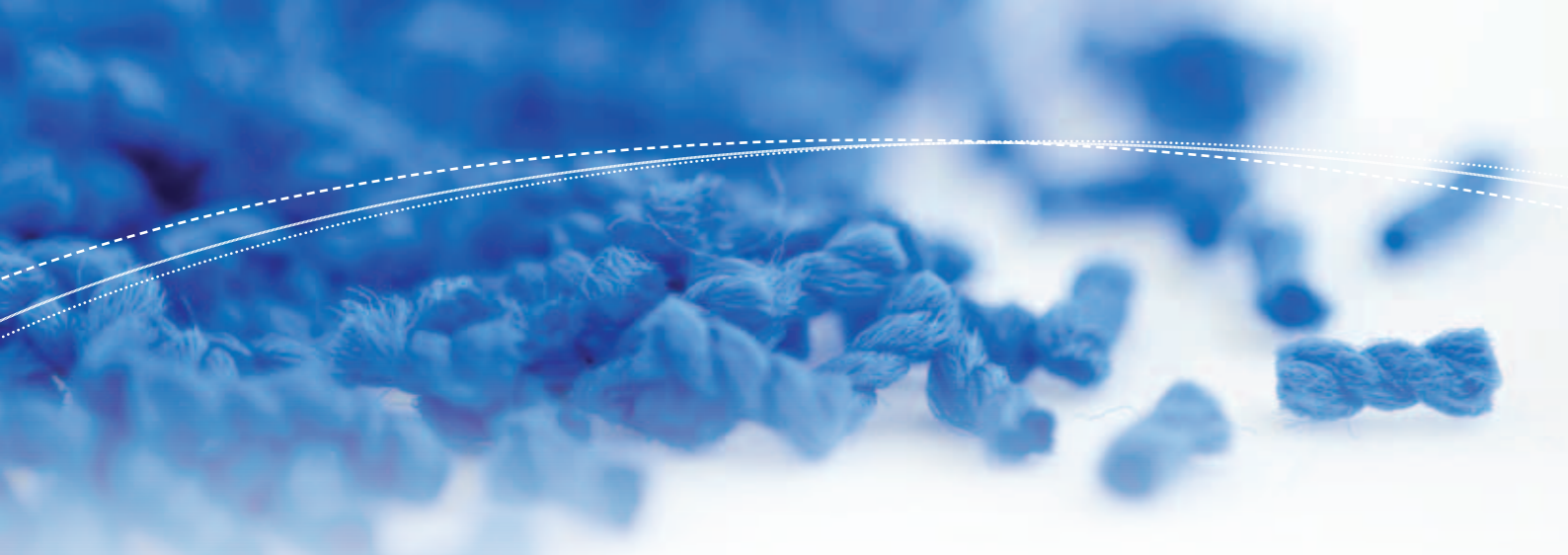


The patented "Robot" and "Robot Compact" loader-feeders are designed to take large bales and/or boxes as well as material in bulk form and feed the material to awaiting downstream equipment such as a cutting machine. Their operation is fully automatic, consistent, adjustable and continuous. Processed material may consist of fibers, tangled yarns, rags, carpets, plastic films, tows, non-wovens, ...

ROBOT

High capacity automatic feeder compatible with our CT60 cutting machine as well as with other recycling equipment.





MATERIAL IN BULK FORM

Model	Cutting width	Cutting lengths range	Cutting speed	Maximum compressed material thickness	Total installed power (50 Hz)	Soft material	Special fibers
N28	280 mm	5 - 140 mm	400 cuts/min.	50 mm*	10,7 Kw	✓	✓
N40	400 mm	4 - 150 mm**	350 cuts/min.	70 mm	5,5 Kw	✓	
N45	450 mm	5 - 140 mm	400 cuts/min.	75 mm	7 Kw	✓	
CT60	600 mm	10 - 180 mm	200 cuts/min.	200 mm	25,1 Kw	✓	✓

* According to the material
** According to the model

PRECISION CUT FOR **CONTINUOUS MATERIAL** IN CABLE FORM

Model	Cutting width	Cutting lengths range	Cutting speed	Cutting thickness	Total installed power (50 Hz)	Soft material	Special fibers
FP 2600	260 mm	0,1 - 8 mm	85 - 400 cuts/min.	2 - 40 mm	13,25 Kw	✓	✓

SOFT MATERIAL

- Synthetic fibers (PP, PES, PA, ...)
- Natural fibers (cotton, flax, wool, sisal, ...)
- Textile waste (old cloth, ...)
- Plastic films (PP, PE, PES, ...)
- ...

SPECIAL FIBERS

- Glass
- Carbon
- Aramid
- Basalt
- Stainless steel
- Dyneema®
- Spectra®
- ...

N28



Reinforced guillotine cutting machine for special fibers.

CT60



High capacity guillotine cutting machine for soft material as well as for special fibers.

N40



Guillotine cutting machine for soft material.

FP 2600



High precision guillotine cutting machine for continuous material in cable form (for flock, ...).

N45



Guillotine cutting machine for soft material.

R14



High speed rotary cutting machine for continuous cables, carpet selvages and processing of bobbins.



Pierret machines can be adapted to suit the user's specific requirements by adding a range of accessories and complementary machines, such as:

- Bobbin cutter
- Big bag compacting unit
- Conveyors for transporting materials between the different stages or at the end of the production line
- Automatic grinding machine
- Metal detectors
- ...

CB

This hydraulic cutting machine is dedicated to the cut of bobbins of large diameter (max. 450 mm). It offers the flexibility to work alone but it can also work in line with other equipment (automatic feeder, cutting machine, ...).



UC

This compacting unit for big bags is an alternative solution to the existing baling press technology for all types of soft cut materials including wet materials, mixings, variable density materials, ... and is the perfect choice for short fibers as well as glass fiber.

CP

Conveyors of different sizes and fixed height.



CO

Conveyors of different sizes and «height adjustable».



RL 1000

Automatic grinding machine for all Pierret knives.



PREPARATION FOR TEXTILE WASTE RECYCLING

Our machines are mainly used **to cut** textile waste **prior to the tearing process**, such as:

- ✓ SYNTHETIC FIBERS (PP, PES, PA, ...)
- ✓ NATURAL FIBERS (COTTON, FLAX, WOOL, SISAL, ...)
- ✓ SPECIAL FIBERS (GLASS, CARBON, ARAMID, ...)
- ✓ TEXTILE WASTE (OLD CLOTH, ...)

In most cases, **after the tearing process**, those material will be used for **non-wovens** or for **re-spinning**.



PREPARATION FOR SOFT PLASTIC WASTE RECYCLING

Our machines are mainly used **to cut** soft synthetic waste (contaminated or not) **prior to the extrusion process**, such as:

- ✓ SYNTHETIC FIBERS (PP, PES, PA, ...)
- ✓ PLASTIC FILMS (PP, PE, PES, ...)

In most cases, **after the extrusion process**, those material will be used for **re-granulating**.



SPECIAL APPLICATIONS

- ✓ HIGH PRECISION SHORT CUT (ARAMID, VISCOSE, PA, PES, ...)
- ✓ REINFORCEMENT (GLASS, CARBON, ARAMID, BASALT, STAINLESS STEEL, DYNEEMA®, SPECTRA®, ...)
- ✓ VOLUME REDUCTION
- ✓ ...



HEADQUARTERS US DIVISION

PIERRET INDUSTRIES S.P.R.L.
Rue du Sommet 32
B-6838 CORBION (BOUILLON)

BELGIUM

Tel. (32) 61.46.51.00
Fax. (32) 61.46.62.63

PIERRET NORTH AMERICAN DIVISION
215 Wingo Heights Rd
SPARTANBURG, S.C. 29303

USA

Tel. (1) 864.583.4829
Fax. (1) 864.583.3362