

CRETES

MEMBER OF VALTECH GROUP

**Driven by
value creating
technology.**

INTRODUCTION

HARVESTING SOLUTION

HEMP SCUTCHING

VIDEO



Flax- & Hemp processing

- **Complete lines for:**
 - Processing of flax- and hempstraw into fibers that are suitable for a wide range of applications.(textile, composite, insulation,)
 - Decortication technology to produce clean fibres for technical applications and cottonization.
 - Scutching technology to produce long clean fibres for wet spinning application.
 - Handling and cleaning of by-products such as hurd, short fibre and dust.
- **Important projects worldwide:**
 - France , Great-Britain , Malaysia , Spain, Romania, Belarus, Russia, Canada, Lithuania, South Africa, The Netherlands, Turkey, ...





REQUIREMENTS FOR LONG FIBRE SCUTCHING

Flax : +/- 90 cm.

Pulled.

Layed down in rows.

Parallel stalks.

Hemp : 2 – 3 m tall.

Requirement for scutching: parallel at 90 cm stalk length.

CRETES SOLUTION:

2 level cutting

Length adjustable

Cutting off tops and collecting them

Making rows of parallel stalks

Co-creation with our sister company UNION and with La Chanvrière



HARVESTING SOLUTION





To obtain an even retting degree

Turning the rows while maintaining parallel stalks

Solution : turning machine made by our sister company Union

Baling parallel stalks

Feeding a scutching line : parallel stalks

Quality of rolling up defines quality infeed layer and influences scutching yield

Solution : Baling press made by our sister company Union



HARVESTING SOLUTION





Hemp Scutching

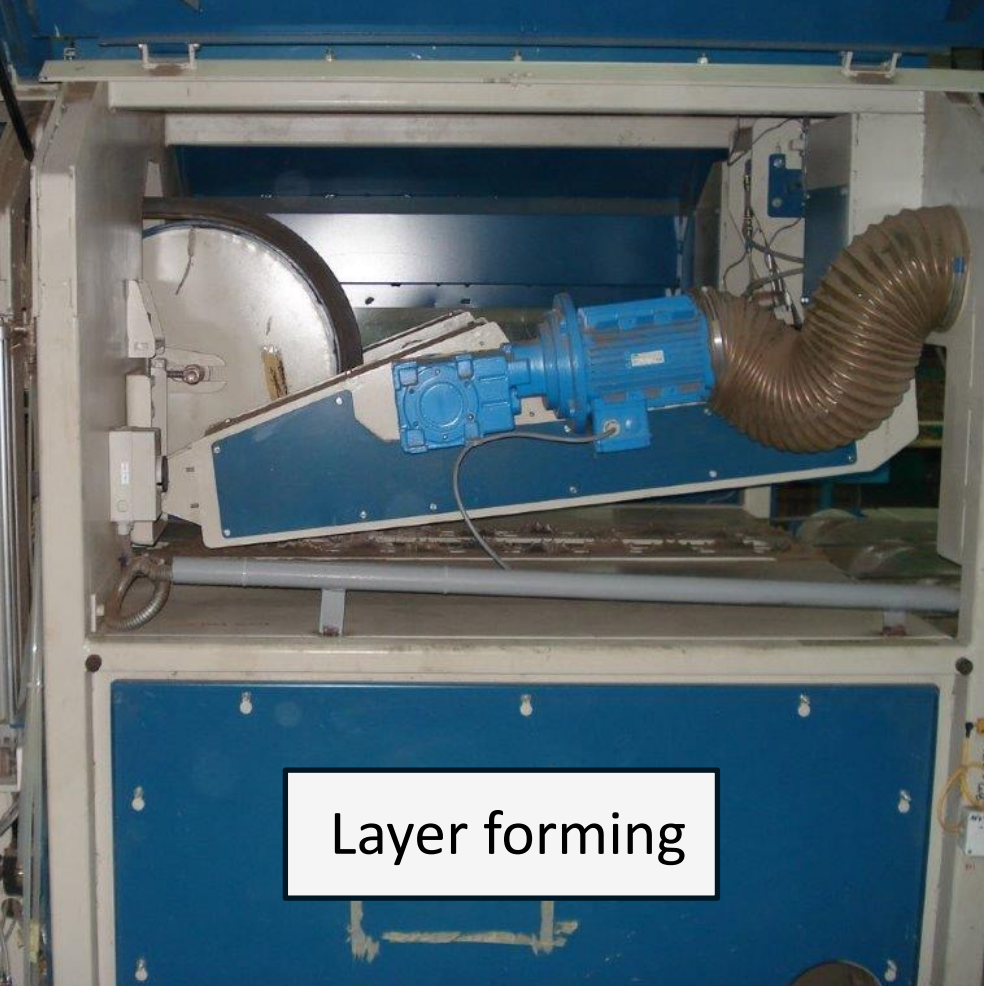
Stages:

**Unrolling bales
Feeding and layering
Stem breaking
Scutching
Lay-out bench with wipers
Roll press for long fibres**

Additional equipment:

**Hurd collection and cleaning
Tow fibre collection and cleaning
Dust extraction and filtration**

HEMP SCUTCHING



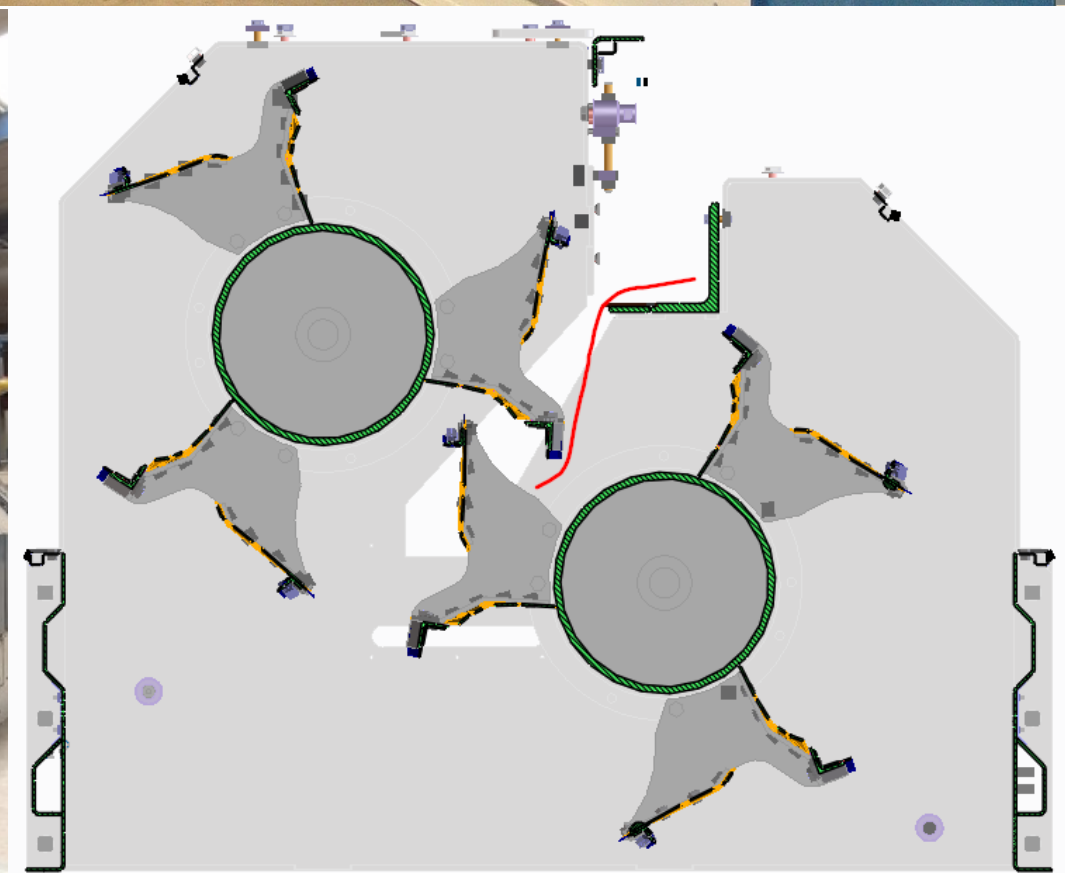
Layer forming



Stem breaking



Scutching and fibre exit





Additional equipment

Hurd collection and cleaning

Hurd from under the breakers

Hurd from the tow fibre cleaning

Tow fibre collection and cleaning

Tow fibre from under the scutching elements and wipers.

Tow fibre from the hurd cleaning

Baling in square bales



Aspiration and filtration



HEMP SCUTCHING



Video Scutching



THANK YOU !

CRETES : ONE STOP SHOP FOR HEMP PROCESSORS

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