
SWINSOL
Swiss Industrial Solutions

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01

COMPANY

Who we are and what we do.



SWINSOL
Swiss Industrial Solutions

LOCATION

Headquarter in Switzerland
Globally active

SEGMENT

Developing components & technologies for ring & open end spinning systems with focus on sustainability (recycled fibers)

INNOVATION

Creating efficient & sustainable innovations in the segment of compact spinning and recycling

For processing natural and man-made fibers and their blends into compact yarns

02

MISSION

Mission Statement and Visionary Goals

Our Vision

"We will revolutionize compact spinning worldwide in the upcoming years with our mechanically based, swiss compact spinning systems."

Mission Statement

"We develop green solutions to recycle, dose and spin 100% recycled fibers. Our goal is to increase sustainability through energy efficiency and CO2 reduction, maximize yarn quality, reduce downtime and increase the lifecycle as well as implement automatized processes."

03

INNOVATIONS

In Compact Spinning, Fiberdosing and Recycling

We drive innovation :

Recycling



Mechanical Compact Ringspinning



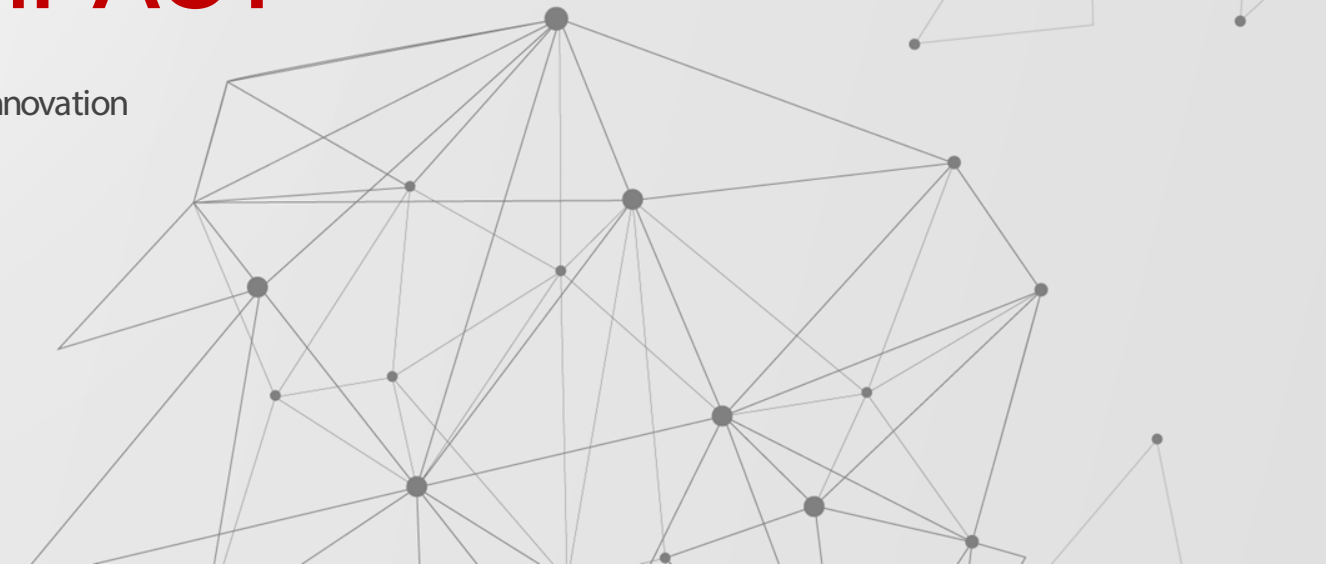
Fiberdosing



04

RECOMPACT

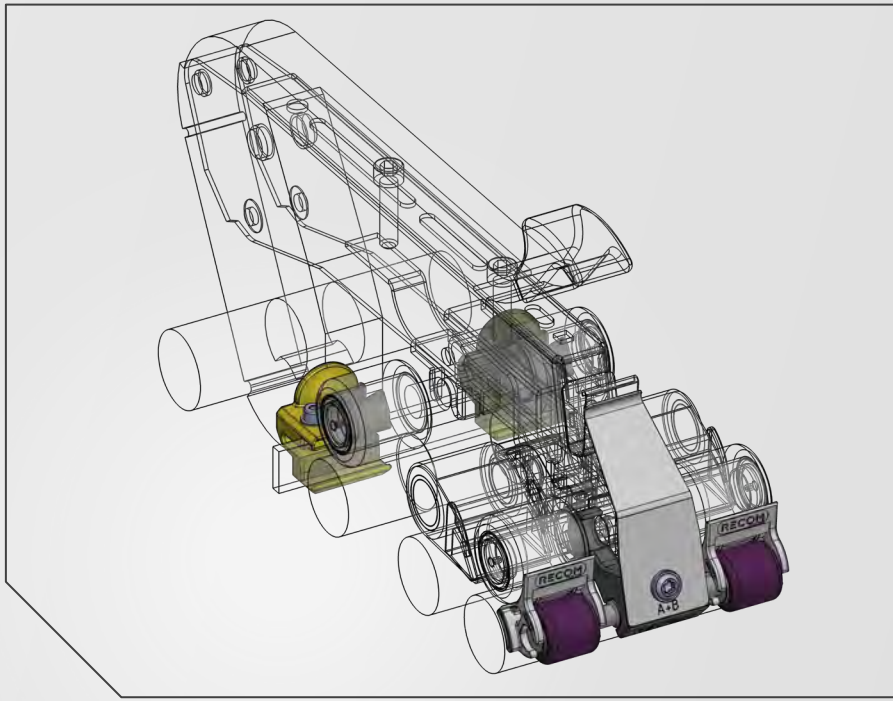
Compact Spinning & Innovation



RECOMPACT®

SWISS MADE

Compact spinning device



Energy saving (mechanical system)

For all ring spinning frames

Very fast installation

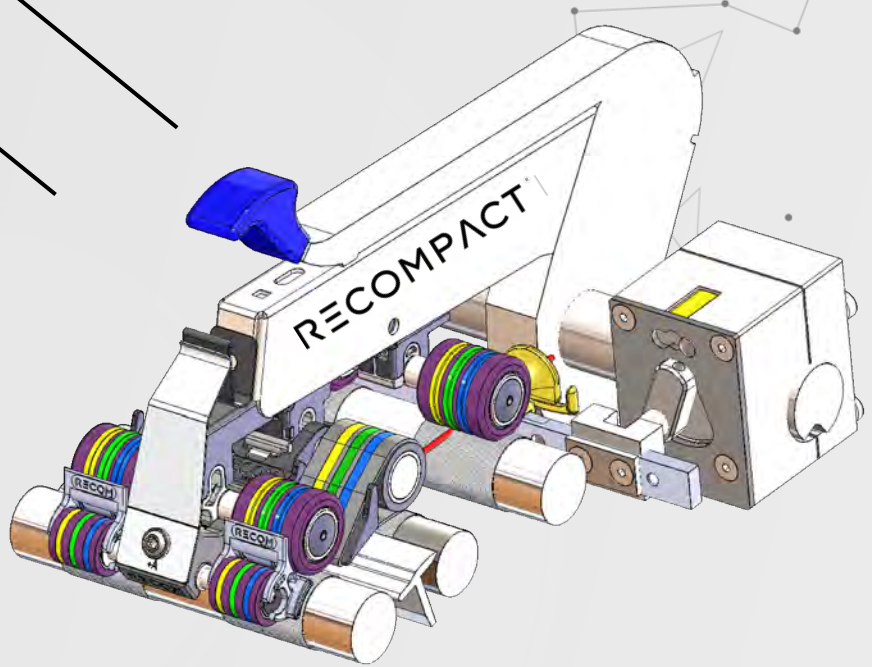
Low maintenance through traversing

Excellent yarn characteristics

Alle fibers type cotton, man made, short recycled fibers

3 /4 /5 Channel-Technology

Increased lifetime of cots & aprons

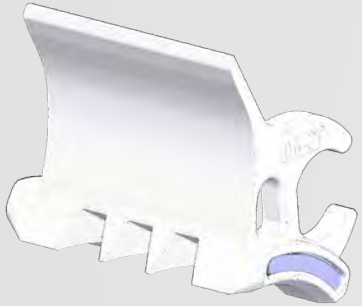


Soon available with 3 / 4 or 5 roving channels

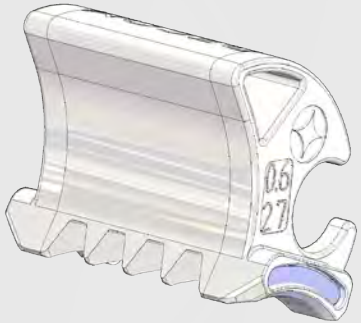
3 / 4 / 5 Channel Technology

Supercharge lifetime and sustainability

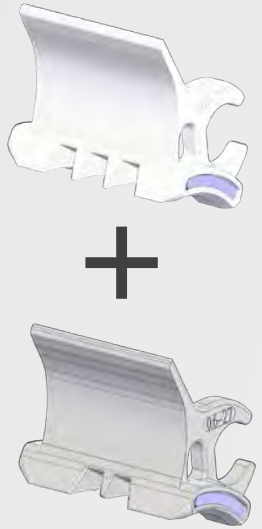
3-Channel-Traversing



4-Channel-Traversing



5-Channel-Traversing
(3 ch. + 2 ch. Intervals)



Wear part recycling program

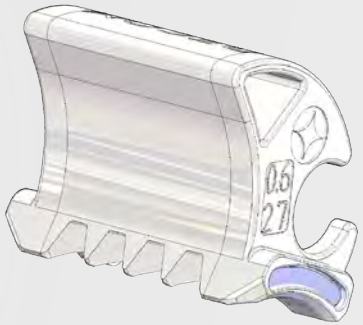
Buy back the out-of-date Compactors by new ordering

Worn-out parts
Buy back



Recycling

Manufacture new parts
Resale



RESULTS

Recompact Case Studies 2022

10% — Increase in production volume

Up to 50% — Longer lifetime cots and aprons

<12 month — Return on Investment

*Compared to conventional compacting systems

Modifications

Due to customer inquiry and sustainability

We provide:



- Upgrades from other / old systems
- Rotorcraft, Rieter, Suessen, etc.
- Any kind of pneumatic / compact system
- Individual Upgrade Kits for existing systems
- Unique and tailored conversions
- Consulting us at our ITMA booth

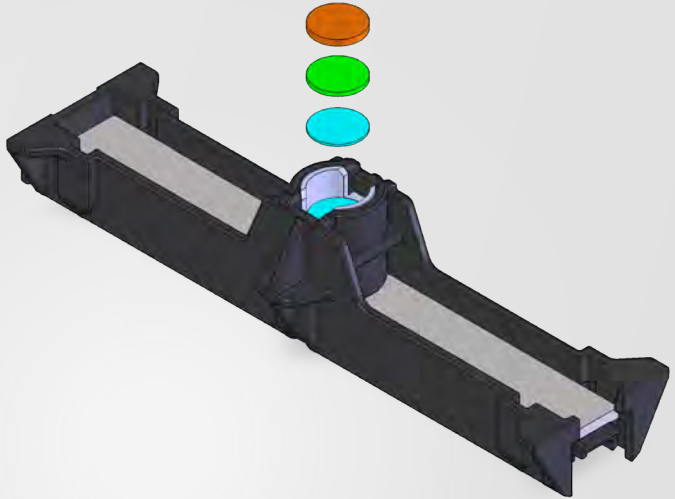
05

SPRINGUNIT

Mechanical Pressure Device (P3-1)

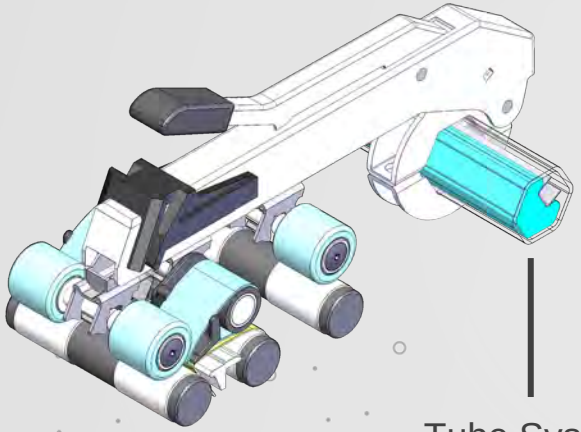
SpringUnit

P3-1 Modernization Kit

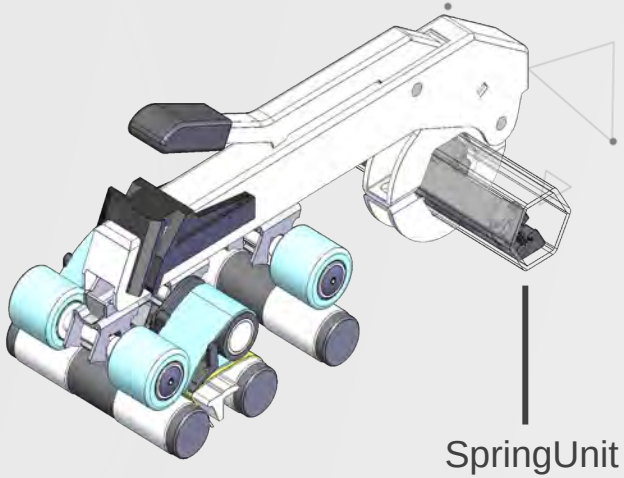


Replacing P3-1 Tubesystem

Before Installation

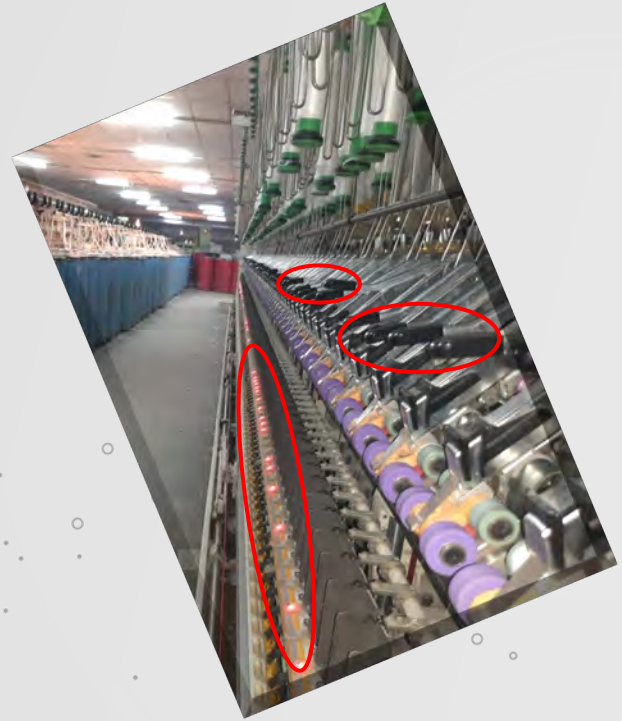


After Installation



Replacing P3-1 Tubesystem

Before Installation

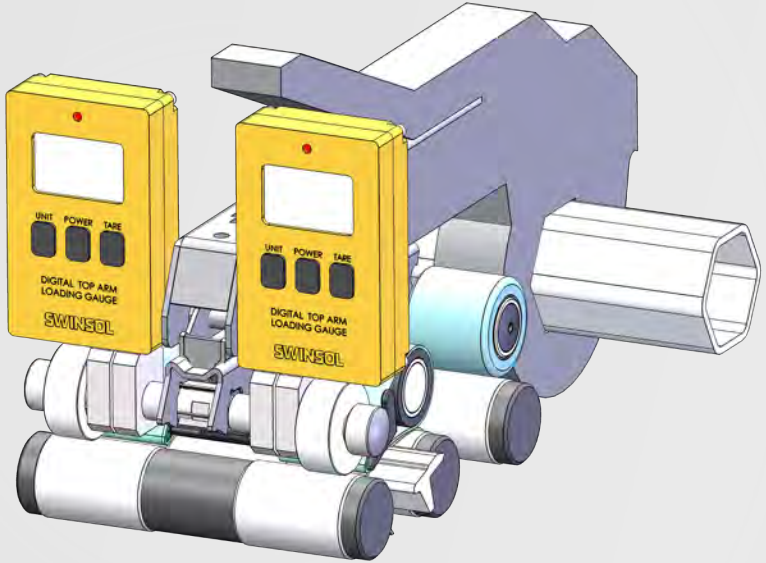


After Installation



Digital toparm loading gauge

Measure the exact pressure on individual toparms

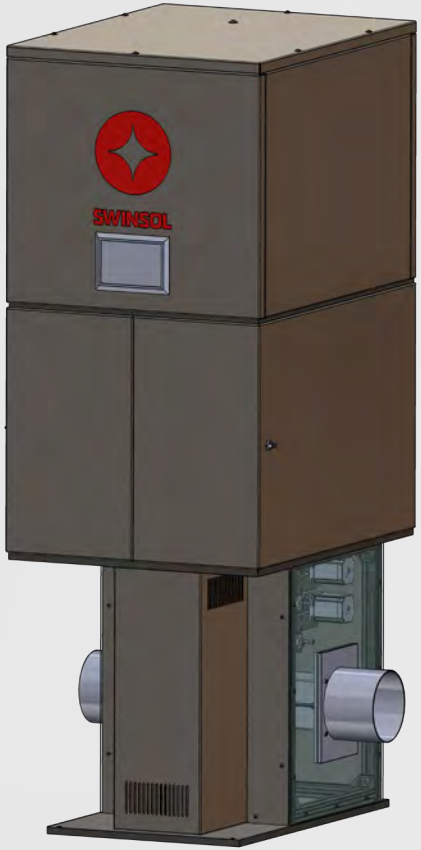


06

Fiberdosing

Swinsol
Fiberdosing







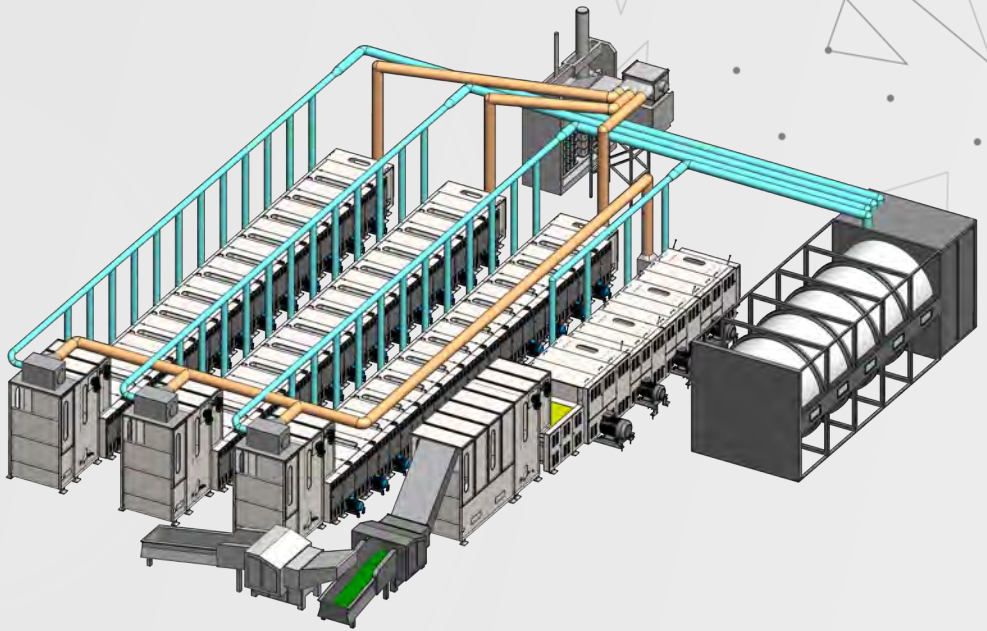
07

Textile Recycling

Swinsol

Recycling Machine





THANK YOU

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