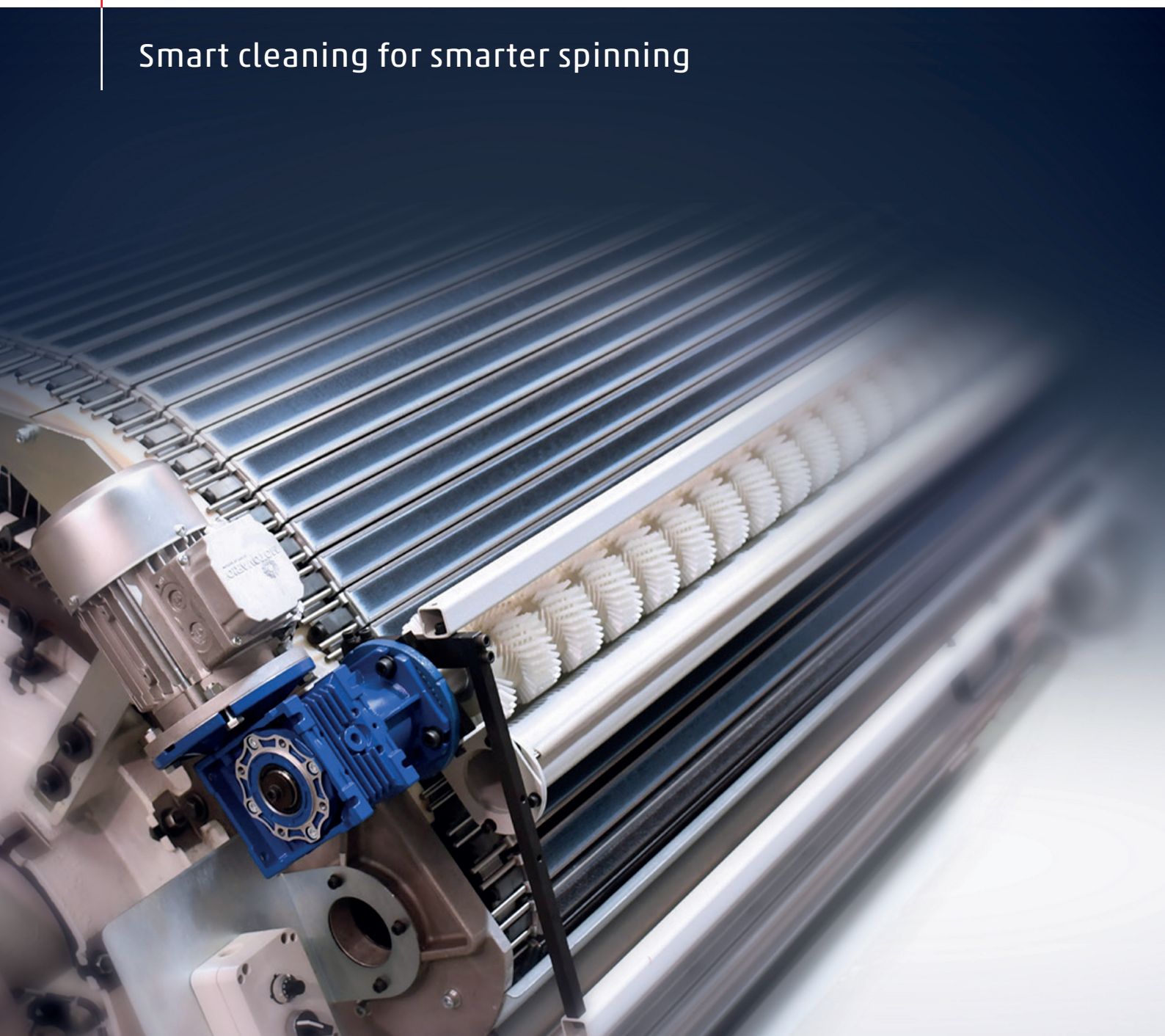


MARZOLI INTENSIVE CLEARING BRUSH (ICB)

Smart cleaning for smarter spinning



Marzoli

Complete spinning line,
components and digitalized
solutions for the best performance
of the spinning process



THE ONE SOURCE FOR A FULLY-AUTOMATED AND DIGITALIZED SPINNING MILL



Marzoli, one of the major brands of the textile sector worldwide, is a unique European manufacturer of the complete line of machines for the opening, preparation and spinning of short-staple fiber. From the bale opener to the ring spinning frame, Marzoli offers the most advanced technology for a completely-automated spinning mill. Through its global sales and service network, its expertise on each type of fiber and application and the competence on the entire process, Marzoli represents a competent and reliable partner. And through its experience, know-how and commitment, it provides its customers with:

- Advanced spinning solutions through a careful activity of textile engineering. Marzoli assists its customers from the study of the spinning plan, throughout sourcing, erection and commissioning, up to maintenance of the resulting turnkey spinning plant, which can comprise Marzoli but also third-party machinery. The customer can rely on the competence and capability of a unique partner, responsible for the quality and productivity of the entire spinning mill.
- The advantages of smart spinning. No matter what the brand(s) of the machinery is, Marzoli can install its software platforms, YarNet and MRM, its hardware applications for gathering data on waste percentages and its composition, quality values, productivity indexes and other kpi data to let the customer build on the potential of Industry 4.0, optimize the entire spinning process through well-informed decisions and reach the highest performance in production operations.

OVER
170 ■ YEARS
OF SUCCESSES

OVER
70 ■ COUNTRIES
WITH ACTIVE CLIENTS



OPENING SECTION

- Openers & Cleaners
 - Mixers & Blenders
 - Card
-



COMBING SECTION

- Draw Frames
 - Lap Winder
 - Comber
 - Lap Transport
-



SPINNING SECTION

- Roving Frame
 - Ring Spinning Frame
 - Bobbin Transport System
-

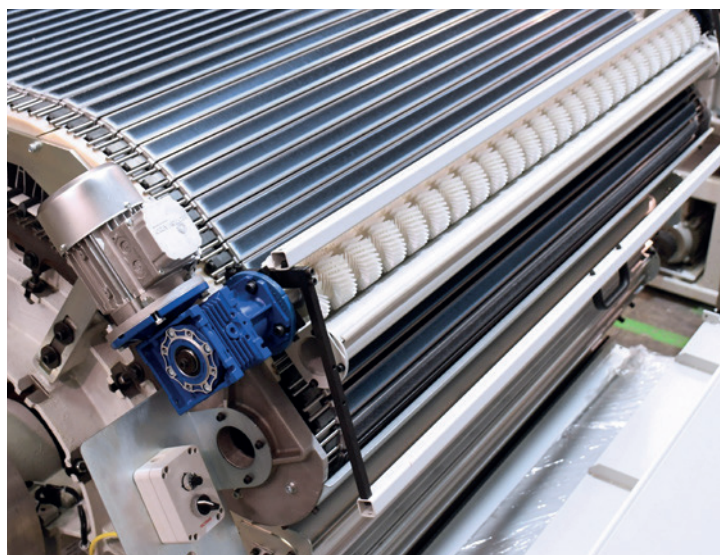
MARZOLI INTENSIVE CLEARING BRUSH (ICB)

Designed and developed for spinning mills that process different color batches, where effective cleaning of the card and contamination avoidance are major challenges, Marzoli ICB, Intensive Clearing Brush, is an automatic device that cleans the carding strips installed on the revolving flats in great depth.

It comprises a frequency-controlled brush and an integrated suction system to remove all fiber fly and dust. The brush penetrates the carding strip to remove the fiber stuck in depth to avoid any contamination on the next batch.

KEY POINTS

- INTENSIVE AND IN-DEPTH CLEANING OF CARDING STRIPS
- INTEGRATED SUCTION SYSTEM TO REMOVE FIBER FLY AND DUST



MAIN FEATURES

- Brush with nylon bristles that penetrate deep inside the tips of the revolving flats
- In case of frequent batch change:
 - a) Contamination is minimized
 - b) Maintenance and cleaning operations are faster
- Integrated suction for removal of fiber and dust
- Brush activation by means of a service procedure allows visual control by the operator of the brush cleaning action
- Simplicity of putting the brush into working / resting position by means of a lever system with central handle
- Mechanical stop to lock positions in work / at rest
- Configurable solution for carding flats with a 40 inch or 60 inch working width
- Modular brush speed under inverter according to the desired degree of cleaning
- The brush is installed in an area of the machine that does not complicate access to normal cleaning and maintenance operations

TECHNICAL DATA

Marzoli Intensive Clearing Brush (ICB)	
Working width	40" – 60"
Brush diameter	109 mm
Installed Power	0,12 kW
Net weight	20 kg



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