



ITMA ASIA & CITME 2018 EXHIBITION PRESS RELEASE

THE SALMOIRAGHI GROUP LEADERS IN MAN-MADE FIBRE AUTOMATIC HANDLING TECHNOLOGY

As always, the Salmoiraghi Automatic Handling Group will be present at the prestigious ITMA ASIA & CITME 2018 exhibition.

Salmoiraghi is the internationally reputed market leader in automated handling and storage systems for man-made yarn bobbins and other textile products.

Over fifty years of experience in this highly specialised field, and a creative engineering approach are just two of the many factors that are the key to the company's success.

Salmoiraghi field-proven technology works in more than 180 automation systems installed in 15 countries, augmenting plant efficiency and profitability worldwide.

Every day, Salmoiraghi automated handling systems process over 3.000.000 man-made yarn bobbins.

Many of these automation systems are installed in China, which has lately become the most important market for Salmoiraghi. These systems have been ordered by major Chinese man-made fibre producers.

Salmoiraghi will exhibit the "IGVD Automatic Doffing System".

This is a driverless, automatically guided, battery-powered vehicle equipped with a special doffing module with twin bobbin mandrels. The vehicle features a state-of-the-art inertial guidance system, ensuring millimeter positioning accuracy.

This machine is designed to perform the same tasks as the "classic" Salmoiraghi automatic Doffers (namely, travelling to the required locations in front of the winders, doffing the yarn bobbins from the winders and transferring the doffed bobbins to the next machine/device in the automated handling chain).

The IGVD Automatic Doffing System is specifically designed to serve both the latest generation double-chuck winders (TMT "MANTA", and BARMAG "WINGS" and "I-QOON") for man-made continuous yarn, as well as classic single chuck winder types. The IGVD Automatic Doffing System is the only feasible automatic doffing solution in winding aisles characterized by low ceilings and tight spaces, which preclude the use of classic Doffers. It is also an excellent solution when it is desired to avoid the fabrication and installation of overhead supporting structures.

Salmoiraghi also continues offering a wide range of "classic" automatic Doffers, designed to transfer the doffed bobbins to "Shuttle" transport vehicles travelling on overhead monorail circuits – technology widely used by Salmoiraghi in many Automated Handling Systems installed worldwide.

All Salmoiraghi Doffers feature numerous sustainable technology and energy-saving solutions, making them the "greenest", quietest and most reliable Doffers ever; this fact is indicated by the certified "Green Label" affixed to these machines.

Visitors to the company's stand will have the opportunity to discuss their specific textile automation needs with the Salmoiraghi team.

Extensive multimedia documentation will be available to show the various automation solutions for small, medium and large textile plants.

Salmoiraghi will also present the revolutionary Salmoiraghi concept for Autowarehouses for fabric rolls; three of these Autowarehouses are currently in operation in Italy.

Our scope is to offer Global Handling solutions for fully automated plants, all the way from the production line to final shipping. In these plants, it is possible to control from the Computer Room the complete product flow and contemporaneously check in real time all product physical and statistic characteristics.

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The ultimate target is to achieve Total Quality, lower operation costs and augmented plant profitability by implementing the "Industry 4.0" Smart Factory concept and technologies.

SALMOIRAGHI PRODUCTION RANGE

- *Automated handling and warehousing systems for the textile industry*
- *Autowarehouses for bobbin pallets, bales and fabric rolls*
- *Automated logistic terminals*
- *Internal handling and storage systems for industrial plants*
- *Overhead transport systems with payloads from 10 to 1000 kg*
- *Various types of ground conveyors and load transport vehicles*
- *Product bulk packing lines*
- *Machine control and system supervision software*
- *Factory automation systems*

SALMOIRAGHI AUTOMATIC HANDLING
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Shanghai, China
National Exhibition and Convention Center
HALL H1 – Stand E13
www.salgroup.it

