

CASE STUDY



Textile Engineering

YEKTA FALLAH

Iran



Why Marzoli?

"The success of our production is without any doubt the outstanding quality of our products and the reliability of the machines we have installed"

Mr. Gh. Mihanparast, says

- TOP QUALITY YARN
- BEST TECHNOLOGY AVAILABLE

Yekta Fallah Sepahan is a subsidiary of Persian Holding which was established in 2003 in order to produce different kinds of yarn and textile products and effectively serve both the local and the export market.

The newly-established company started out its activities by purchasing Rahimzadeh spinning factory in 2005 and Ragin Baft Kouhpaye spinning factory in 2010. After the take-over, the company started replacing the old machinery with the latest technologies, a successful strategy that the management at Yekta Fallah has continued to implement.

"Our mission is to produce the best quality yarn and, to do that, we constantly upgrade our technical asset. We implement only the best technology available and we continuously

monitor the quality of our yarns through our laboratory" Mr. Mohammad Kolahdouzan, factory manager at Yekta Fallah, states.

Yekta Fallah produces several types of yarn. The yarns being produced have counts ranging from Ne20 to Ne40, 100% cotton or blends of cotton with synthetic and chemical fibers (e.g. polyester and viscose), for both knitting and weaving applications.

"The success of our production is without any doubt the outstanding quality of our products and the reliability of the machines we have installed. Some of our machines are more than ten years old and still assure excellent performances. Marzoli's cards are just the perfect example of this"

Mr. Gh. Mihanparast, production manager at Yekta Fallah, says. *"These machines were installed more than ten years back and still guarantee a production*

within the highest percentiles of international quality rankings".



Mr. Mohammad Kolahdouzan
Factory manager



Our Solution

"The results obtained during quality tests far exceeded our expectations"

Mr. Mohammad Kolehdoouzan, states



Mr. Gh. Mihanparast
Production manager

- SUPERIOR QUALITY & EFFICIENCY OF COMBING SECTION
- LOWER NOIL %
- MAC 3000 COMPACT YARN: HAIRINESS -25%; STRENGTH +30%

Following the successful experience with Marzoli's machines, Yekta Fallah in 2016 decided to rely on Marzoli for its expansion strategy. An order was released for the installation of the most advanced combing section, 1 LW3 lap winder and 4 combers CM7 LP, the newly-launched FT60D, the world's leader among roving frames, an MTR bobbin transport system with the innovative IBC bobbin stripper and 3 MDS1 spinning frames equipped with Marzoli pressure arms and compact system MAC 3000.

"The decision to implement Marzoli's technology was not only based on the longstanding relationship between our two companies, but also on the

superior quality and efficiency performances that Marzoli's machines were able to achieve with our materials during the supplier evaluation stage" Mr Mohammad Kolehdoouzan states.

Beside the automatic lap piecing technology, appreciated for its capacity of enhancing efficiency rates and guaranteeing top quality during piecing of the lap, the CM7 LP combler offers an outstanding selection of the fiber in relation to the staple diagram. This assures higher quality and lower waste of good fiber, a fundamental point in combed yarn production.

Mac 3000 is a fully-redesigned compact system with auto-cleaning apron and modular suction system with self-cleaning filter box and fan motor controlled by inverter. This compact system has given substantial quality improvements throughout

a wide range of applications. On combed yarn the results on counts ranging from Ne30 to Ne40 speak for themselves: reduction of hairiness up to 25% and increase in strength up to 30%.

"The results obtained during quality tests on the combler and on the compact system far exceeded our expectations and this convinced us to partner once again with Marzoli" Mr Mohammad Kolehdoouzan concludes.

The new plant was started during July and August 2017 and since then it has been delivering top efficiency results for the production of top quality combed compact Ne40 yarn.



Marzoli CM7 LP (2017)

MARZOLI
INTERNATIONAL, INC.
USA

MARZOLI MACHINES
TEXTILE SRL
Italy

MARZOLI INDIA
MTMM PVT. LTD.
India

YEKTA FALLAH SEPAHAN

Legend

- Marzoli premises
- Sales & service network
- Sales affiliates

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