



ATF
AUTOMATIONS

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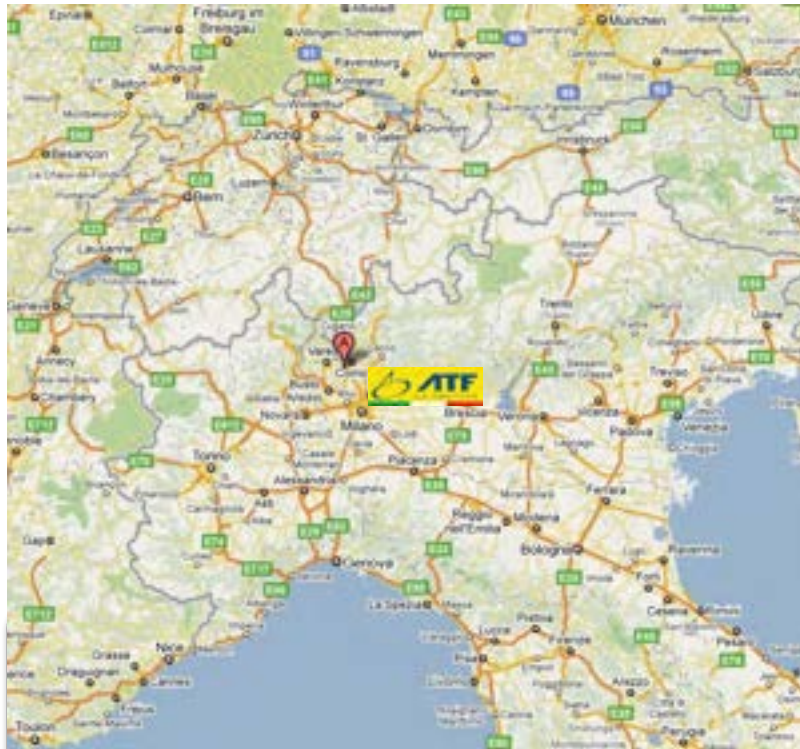
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Where we are:

- ATF is located in northern Italy, close to the Swiss border, 40 Km north of Milano



ATF Location



COMO : Our city



The Lake of Como

Historical notes:

21/06/1995	Date of establishment of ATF
11/02/2006	Transfer to the new premises
21/06/2015	20 th anniversary



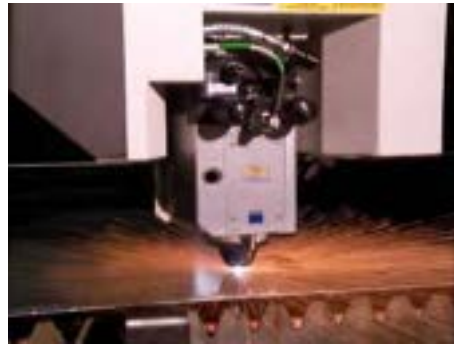
ATF facilities

The ATF technical office is the heart of the company into 4 sections:

- Mechanical engineering
(3D - Autodesk INVENTOR 2016)
- Electric engineering
(SPAC 2015 software)
- Software engineering
(TIA Portal SIEMENS) (CX One OMRON)
- Technical manuals .
(Microsoft Publisher)



Production area		
Preparation	Assembling of machines	Assembling of electric cabinets
~600mq	~1000mq	~200mq



BARCODE tracking

- Every stage of the production process, from design to assembly, is monitored by a computer system
- Human resources participate in the process of production

Please find below an example of recording process of a mechanical part

Drawing

Part

Machining
module



Computer
for barcode
recording



Machines
in production



Operator
recording phase



Customized lines

Over 90% of the ATF production is built to measure, and suitable to the specific requirements of the customers, who increasingly demand tailor-made installations

Market

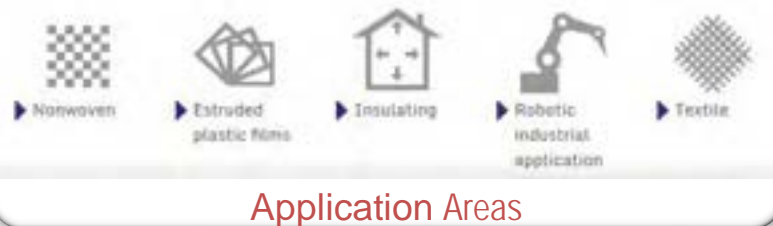
ATF exports 95 % of his production worldwide.

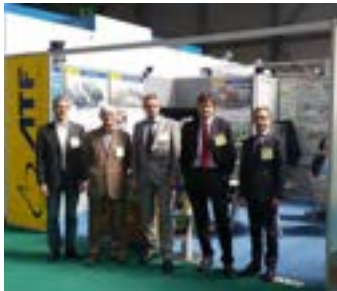
Main markets:

- Europe
- Russia
- USA

FAT (Factory Acceptance Test)

All the lines are completely erected in Italy and tested before shipment.





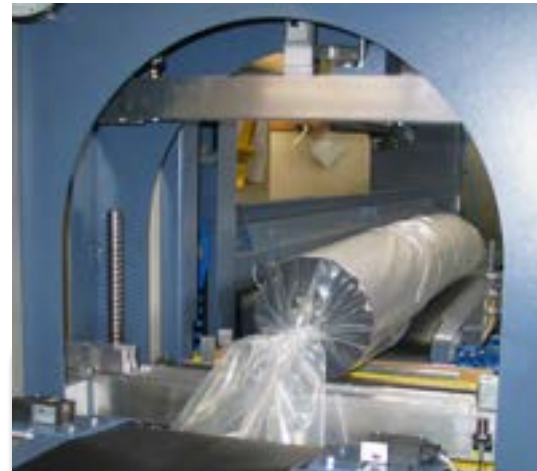
Exhibition	Location	Sector
TECHTEXTIL	Moscow	Technical Textile
IDEA	Boston	Nonwoven materials
K Show	Düsseldorf	Film
ICE Show	Munich	Converting
INDEX	Geneva	Non-woven materials
TECHTEXTIL	Frankfurt	Technical Textile
ITMA	Barcelona	Non-woven materials + Textile

PACKAGING:

Ends Closing for rolls



Thermo – Sealing



Ultrasound



Film inside the core



Ends Shrinkage

Packaging machine for big rolls



Packaging machine for big rolls - Ends closing with ultrasound

Drum winder for filtration webs



Roll exit at the drum winder

HANDLING & ROBOTICS:

Robotics Applications



General view



Table handling tools

WINDER

Winder + slitting for nonwovens 7m width



WINDER

Winder + slitting for nonwovens 7m width



WINDER

Drum winder for Meltblown



General view

WINDER

Automatic winder for nonwoven



General view

Winding unit

Roofing converting line



Exit winder



Liner application with hot melt

HANDLING & PALLETIZER

Roofing converting line



STRETCHING & PALLETIZER





WINDER & PACKAGING

Roofing converting line



WINDER & PACKAGING:

Roofing converting line



WINDER

Roofing converting line

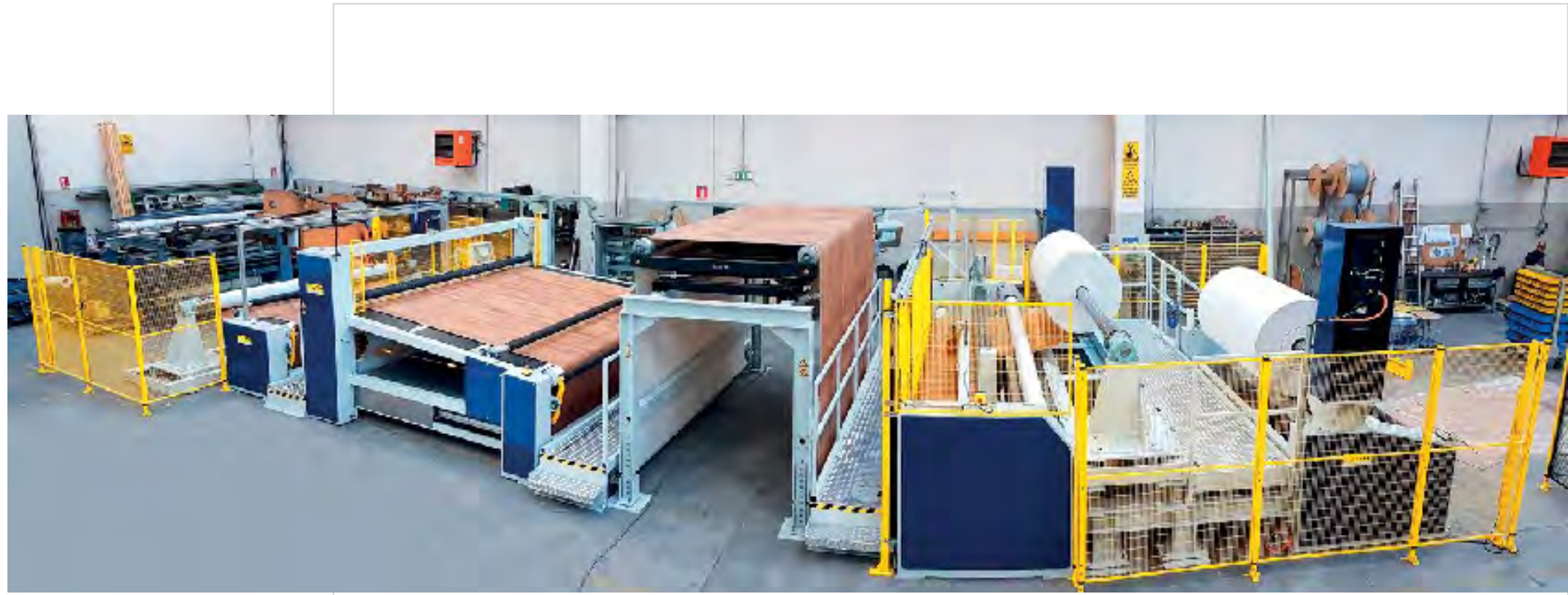


General view



WINDER

Floor-covering winding line



WINDER

Lamination line for hygienic products (Frontal tape for diapers)



PACKAGING & PALLETIZING:

Packaging and palletizing installation for non-woven materials



Packaging and palletizing installation for non-woven materials

HANDLING & ROBOTICS

Handling of hygienic reels and packaging



General view

WINDER

Winder for wadding



General view

HANDLING :

Spooler handling



General view

SPECIAL LINE: Milling plant



The French President, Mr. Holland, inaugurates the customer's new facility..



General view



Stacking of the milled panels



The milled panels



Final packaging

SPECIAL LINE:

Packaging with paper



Mechanical details:



Detail of a Cartesian palletizer

Electrical details:



Main electric cabinet



Metal conduits for cables

Production: HMI Touch Screen :



HMI

Accumulator & Winders HOME PAGE

HW Safety Air Setup Not Ready Gates & Rope OK Barriers OK **TEST**

Accums. Winders Stretch Core L

Master Velocity **15.0 m/min**
Winder Velocity **5 m/min**
Roll Length **0.7 m**
Roll Diameter **0.096 m**

ACCUMULATOR ZONE

Automatic Mode OPERATIVE
Accumulator Opening

WINDERS ZONE

Automatic Mode OPERATIVE
Tana-Winder Group Material Threading Active
#8: Wrapping
Cross Cut Group Material Moving
Roll Eject Ready
OP PRESEL ON
Roll Length Preselection **30.0 m**
Pull Master Moving Synch
AUTO RUN ON
RE Alianer Automatic Mode

MAIN MENU HOME TRACKING DATA AGNOSTIC MANUAL T-Winder MANUAL Others PAGE BACK

HMI Example

Production: HMI Touch Screen :



HMI Example