



TEXTILE TECHNOLOGY



COMPANY

Lawer is a well established **Italian Company**. The concentration of the design department and production in the same plant provides control over the entire manufacturing chain.

The company operates in Biella area, the largest district in the national production of high quality yarns and fabrics. The know-how gained in the textile sector **since 1970** has provided the company with the right credentials to present itself also in other industrial fields.

Lawer today is a landmark for advanced dispensing systems and flexible to adapt the same to the different needs of each customer and holds a substantial number of international patents registered in many countries around the world .

Besides the Italian headquarters, where Lawer produces 100% of its systems, Lawer actually has 2 foreign commercial/assistance units:

TURKEY (Lawer Teknik Servis)

CHINA (Lawer Shanghai Dispensing Systems)



HYSTORY

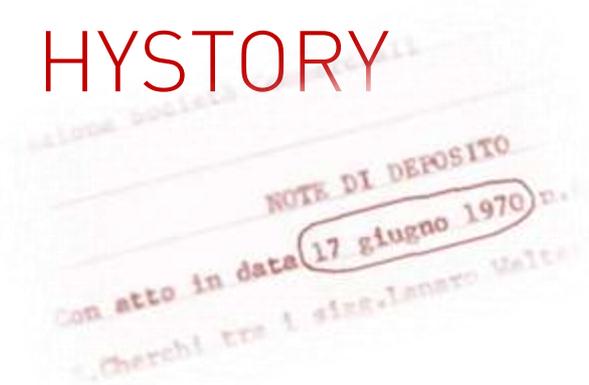
1970.....

Lawer, which takes its name from the initials of its founder **Lanaro Walter**, offers a know-how of over 50 years of activity.

Originally the Company was working on the production of machinery for the for textile fibres, establishing itself as the sector leader. In 1984 the merge with another industrial reality of Novara, MECTRA, led to a size growth of the company and its further specialization in powder and liquid dispensing systems.

Thanks of the long experience gained in robotized dispensing systems for textile, since 2001 Lawer has turned its interest also to other industrial areas:

- / Textile
- / Paint
- / Cosmetics
- / Food
- / Rubber Plastic



MISSION

QUALITY

A quality designed to last. This is the mission of Lawer, a Biella based company internationally recognized for the excellence of its dispensing systems for powders and liquids. Excellence expressed since the preliminary analysis to the commissioning of the equipment, to ensure safe and automated systems operated by high-class software, able to adapt themselves to the changing needs of manufacturing companies. Quality is also the ability to provide the best service and maintenance, efficient, worldwide available to be in every time close to its customers.

ACCURACY

It is in every small detail that is measured the great value of a Company. Lawer has made a hallmark of accuracy. In research, in the production cycle, in the technical support, every minimum detail is evaluated by the stricter controls. Extreme care is given to staff training. Nothing is left to chance in the choice of materials used to manufacture the various components of the equipment. Only components of very high quality are selected for the installations, which are able to fully satisfy the requirements of current regulations.

RESEARCH AND DEVELOPMENT

Since the beginning Lawer has always implemented the strategic decision to invest substantially in men, in research and new technologies. Through the technical department dedicated to the analysis and development, the nerve centre of the plant, the company shows its strong projecting capabilities. The task of finding the most innovative technical solutions for the continuous improvement of systems, is essential given a qualified professionals, and constantly updated, For this reason Lawer continues to lead in an increasingly competitive market.





SAFETY

Lawer meant to be a security for their customers. A partner to count over the years. Because Lawer follows the evolution in the production departments of the client companies, always providing the most advanced technological solutions and the top quality, whose components are selected from the best suppliers in the market. All this to ensure a total reliability of its systems and an excellent (a long term) availability of spare parts. Also, Lawer produces all the dispensing equipment taking extreme care for the environmental impact, which contribute decisively to the solution of problems of safety and hygiene in the workplace and reduce waste pollutants.

AFTER SALE ASSISTANCE

Flexibility, professionalism, capillarity of the international network with 45 highly qualified Agents. Ability to analyse, identify, translate the client's needs in a personalized project. Short time in the projecting, manufacture and installation of the systems. A timeliness after-sales service, able to respond to every request and problem-solving, with qualified technicians, 2 Service Centres, a Web on-line remote assistance. Support services program designed to optimize the interventions and reduce costs. These are the elements that characterize the Lawer' service and assistance, who wants to be in relation to their customers as not just as a simple supplier but a reliable and **proactive partner in time.**



ENVIRONMENTAL FRIENDLY

Lawer is one of the first companies in Italy to have joined "*Sustainable Technologies*", a project promoted by ACIMIT (Association of Italian Machinery Manufacturers). The associated companies to ACIMIT have to supply equipment and technologies that target to the centre of the manufacturer cycle the reduction of power, water and chemical materials for a more responsible production process and careful to consumption. The /energy/environmental performances are guaranteed by a 'green plate' fitted on the systems. Lawer's engagement throughout "Sustainable Technologies" do not stop here. The company is equipped with photovoltaic panels to self-produce and use renewable energy , and go on in the research of productive solutions addressed to environmental respect



LAWER'S WORLD



/ more than 12.000 sq. m. production plant

/ about 100 employees

/ sales-after sale service offices in China and Turkey

/ more than 50 sales qualified agencies worldwide

TECHNOLOGY

the accurate monitoring of the dyeing process, the precision of the preparations, the repeatability of the recipes and the perfect traceability of the operations carried out are fundamental elements of an efficient working process, constant monitoring and cost reduction.

The need for a healthy and hygienic working environment where contaminations and product handling are minimized are also essential elements for a modern process.

LAWER supplies systems that allows to completely automate the preparation process of dyestuffs and chemical products starting from laboratory processing up to the whole dyeing and finishing process

/ Laboratory dosing and dispensing systems

/ Automatic Liquid Dispensing Systems

Volumetric and Gravimetric

/ Automatic Powder Dyes & Chemicals Dosing Systems

single scale technology

double scale technology

multi scale technology



CONCEPT

Lawer's automatic dosing systems organizes production in an innovative way, automatically weighing and dosing powders, liquids and chemicals parts of the recipes of the textile dyeing and finishing process.

The systems guarantee the following:

- / Highest quality of the finished product
- / Highest weighing / dosing accuracy
- / Repeatability of the recipes
- / Production management, efficiency and cost reduction
- / Optimisation of production, less production time



LAWER Sp.A.
TEXTILE MANUFACTURING
BIELLA - ITALY

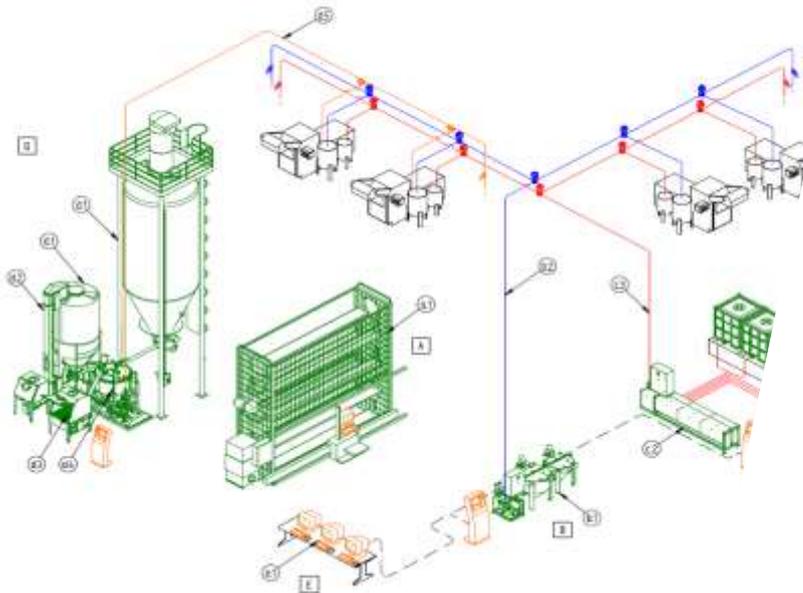
AUTOMATIC DOSING SYSTEMS

/complete automatic powder weighing systems with single, double or multiple weighing scales.

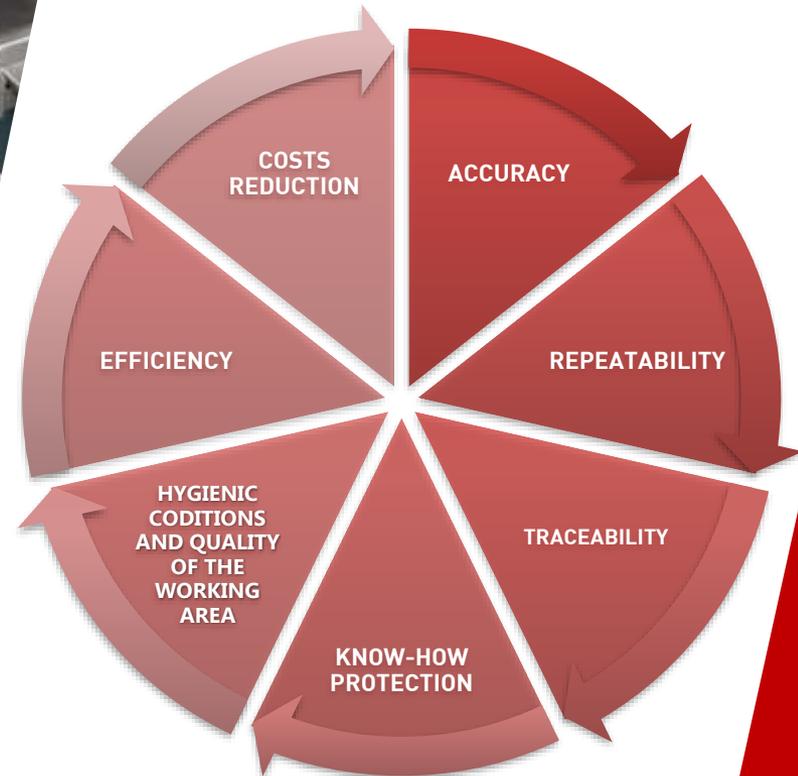
/complete automatic liquid (water based) dosing systems with magnetic inductive-flowmeter

/high accuracy and repeatability

/traceability and real control of each weighing operation



KEY POINTS





TD-LAB

Laboratory dispenser

- / dye solutions and chemicals preparation
- / volumetric dosing
- / integrated solution maker
- / automatic water refill system
- / single syringe
- / software wizard for recipes preparation
- / automatic bottles rinsing and drying system
- / 72 to 396 bottles
- / management of empty bottles
- / management of expired solution





TD-MATIC

Sample weighing / dissolving dispensing

/ automatic dyestuff weighing

/ dyes and chemicals solution preparation

/ robot multifunction

/ 36 buckets for recipes storage

/ automatic dissolving station

/ automatic buckets rinsing drying system

/ solution dispensing





MR / DOS-CONTROL

Rotary store and powder weighing

/ manual weighing

/ rotary dyestuff storage

/ clockwise and anticlockwise rotation

/ Dos-Control check weight system

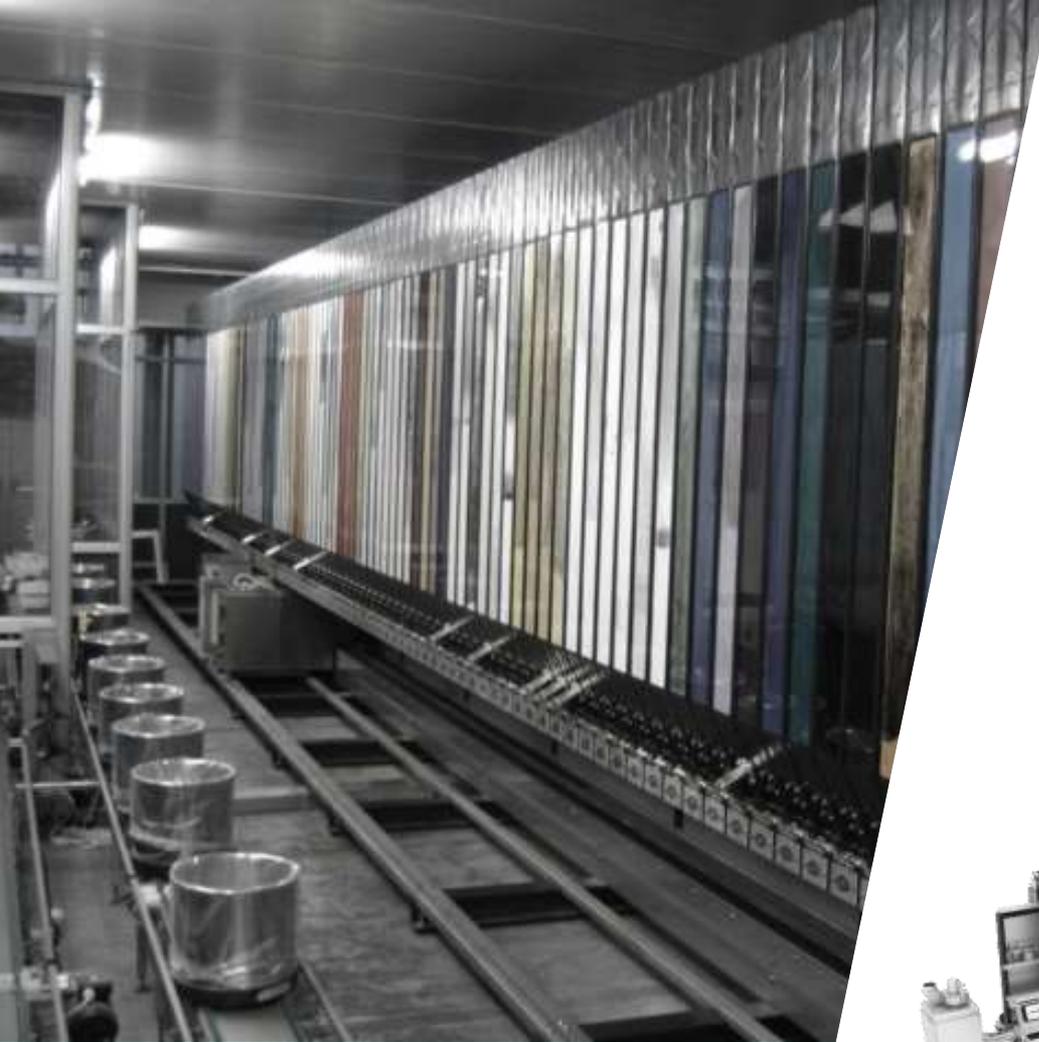
/ wizard Sw for recipes preparation

/ electronic weighing scales

/ bar code reader

/ label thermal printer





SUPERCOLOR

Automatic powder weighing

- / independent silos
- / modular structure
- / 150 l. or 300 l. capacity storage silos
- / automatic sliding trolley
- / automatic weighing
- / dosing screw (Lauer Technology)
- / electronic scales 0,01 gr accuracy
- / thermal printer
- / contamination free





STK

Automatic powder Dissolving and dispensing

/ stainless steel dissolving tank 5, 35, 70, 140, 400, 1000 l. capacity

/ conical bottom

/ automatic rinsing device

/ mixer, automatic safety cover

/ bar code reader

/ high pressure dispensing pump

/ mono-pipe dispensing line by three way valves (Lower Technology)





DYEMATIC

Automatic powder weighing, handling ,
dissolving and dispensing

/ fully robotized

/ automatic dyestuff weighing

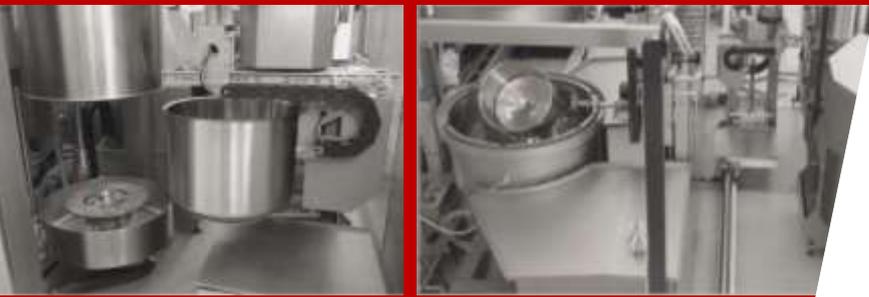
/ robot multifunction

/ recipes storage rack

/ automatic dissolving station

/ automatic buckets rinsing drying

/ mono-pipe dispensing line by Three-way
valves (Lower Technology)

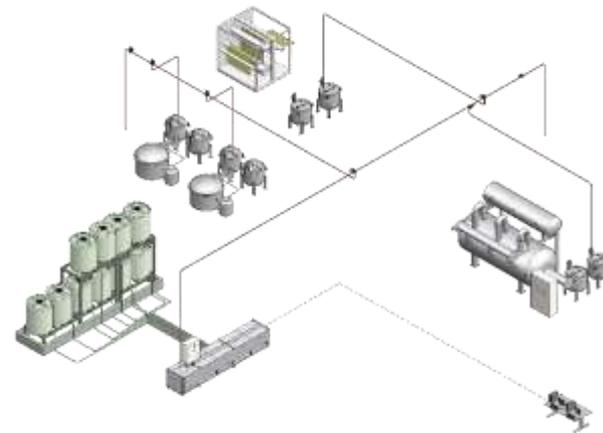
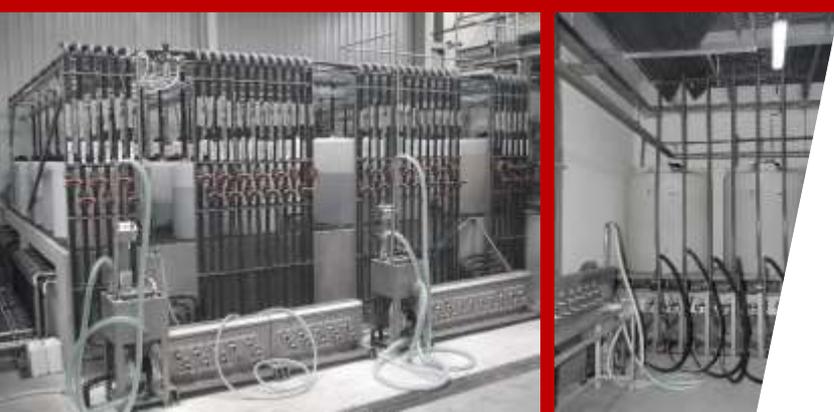




DOS-CHEM

Liquid dosing and dispensing

- / modular structure
- / volumetric dosing
- / high-resolution flowmeter
- / fast, safe dosing and dispensing
- / products waste free
- / high pressure dispensing pump
- / mono-pipe dispensing line by Three-way valves (Lower Technology)





SILOS-COL

Automatic Bulk dyestuff storage, weighing, dissolving and dispensing

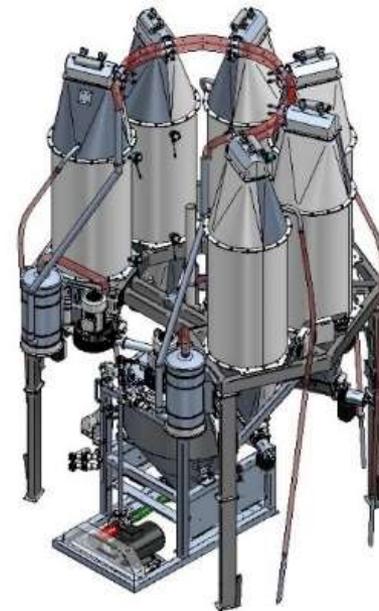
/ Silo capacity 900 l.

/ dust exhaust filter

/ automatic weighing

/ 450 - 1000 l capacity dissolving tanks

/ mono-pipe dispensing line (Lauer Technology)





SILOS-DOS

Powder chemical storage, weighing dissolving ,
dispensing

/ Silo capacity from 0,2 to 32 m³

/ indoor or outdoor storage

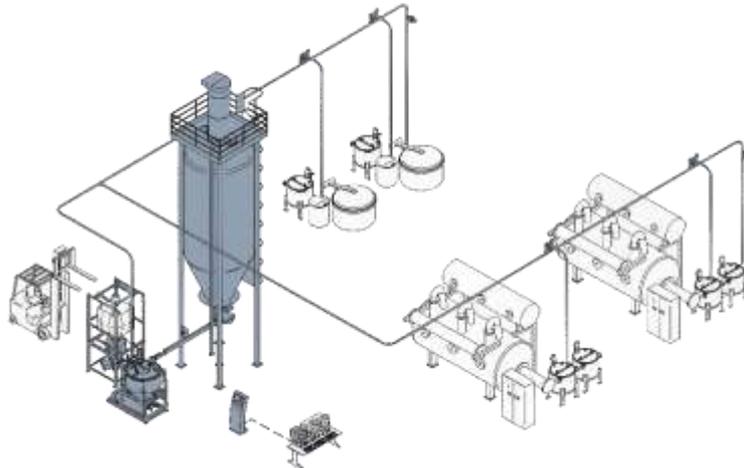
/ dust exhaust filter

/ bags - big bags elevator system

/ automatic weighing

/ 225 l-450 l -1000 l capacity dissolving tanks

/ mono-pipe dispensing line (Lauer Technology)





Leims.i

Integrated management system

- / interface
- / virtualization
- / planning
- / configuring
- / monitoring
- / reporting



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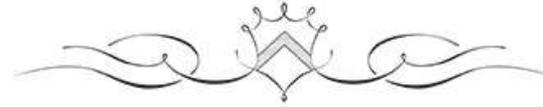
YÜNSA



Tollegno 1900

ZEGNA BARUFFA LANE BORGOSIESIA S.p.A.

yeşim



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yarns for creation



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SANAYİ VE TİCARET A.Ş.



CONTACTS



LAWER S.p.A.

Via Amendola 12/14

13836 Cossato (BI) ITALY

Ph. +39 015 9899511

Fax +39 015 9842211

e.mail : sales@lawer.com

www.lawer.com