

DRAGO®

LANIFICIO IN BIELLA

ENVIRONMENT DECLARATION 2016



Drago Spa

Environment declaration 2016



Associazione Tessile e Salute



“EXCLUSIVITY AND QUALITY CREATED TRUE ENVIRONMENTAL RESPECT AND THANKS TO THE EFFORTS THAT EACH OF US PUT IN EVERY SINGLE ACTIVITY”

Lessona, 29th November 2016

Drago Spa, increasingly attentive to the constant evolution of the development process and renovation of all business activities, works to ensure that all the various process steps, both internal and external, are carried out with a view to eco-sustainability in full compliance with environmental respect and of the existing norms, thus achieving excellence through the overcoming of standard values. Drago Spa started with this project in cooperation with some important customers since 2016 in order to develop and implement new programs for environmental safeguard; this will bring inside the Biella Company to a significant evolution reaching very important targets. This project will be supported by the usage of new technologies that can reduce consumes and improve both on a production basis as well as on quality.

CEO
Paolo Drago



LAL LAL ESTATE

In 1842 or 43, Peter Inglis purchased Warrenheip Station near Ballarat and in 1846 he purchased the adjacent run of Lal Lal. In 1846, 17 years old Archibald Fiskin was placed in charge of the two stations, which later carried 6,000 head of cattle. Gold was discovered on a portion of the Warrenheip run. With the huge influx of gold seekers to the Ballarat goldfields after 1851, Fiskin was able to find a ready market for his cattle. He (or his uncle Peter Inglis who is named as the purchaser on the Parish Plan) purchased 10,000 acres of the land when auctioned. (Prior to this the land had been held on pastoral leases). In his obituary written in 1907, it states that “he formed the famous Lal Lal estate on which he built a splendid homestead, near Yendon, though the old slab hut which he occupied when he first took charge of the run in 1846 still stands there... Lal Lal is now leased to Mr Fiskin’s eldest son.” In 2014, Lal Lal Estate was sold by Geoff Fiskin, the sixth generation of Fiskin family and the former Wool Producers Australia (WPA) president, to Tianyu Wool. Tianyu Wool operates as one of the largest wool top makers globally. Since the acquisition, significant amount of capital had been invested to develop Lal Lal Estate.

Today Lal Lal Estate is focused on growing the best quality wool, and improving farm efficiency. Lal Lal estate is committed to animal welfare, biodiversity, sustainable development, and full traceability throughout the entire supply chain – ultimately delivering an ethically and responsibly produced product to the customer.

NM Certified

Wool from mobs that are declared to be Non Mulesed No removal of skin from the breech and/or tail of a sheep using mulesing shears



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Associazione Tessile e Salute

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Having regard to the fact that
DRAGO S.p.a. through its Legal Representative

- Has submitted the relevant application together with the declaration it commits itself to fulfil all conditions and requirements.
- Has fulfilled all necessary requirements and has provided all the necessary documents including:
 - 1) *traceability*: specification of all processing phases and of the place where they have been carried out;
 - 2) *knowledge of all chemical substances*: presentation of the safety sheets of all the chemical substances used in the different processing phases;
 - 3) *data updating*: willingness to immediately notify any change that could occur;
 - 4) *continuous improvement*: willingness to accept and implement all new technical / scientific indications coming from the 'Associazione Tessile e Salute';
 - 5) *study and solution of new problems*: willingness, in the case a textile, clothing or footwear product subject to the declaration "It participates in the Textile and Health Project" is found through appropriate researches to have caused any pathologies, to jointly tackle the problem in order to precisely define and solve it;
 - 6) *sampling and tests*: willingness to carry out sampling and testing activities.

The 'Associazione Tessile e Salute'
DECLARES THAT

Fabrics in pure wool Super 120'S and 130'S

**MADE by
DRAGO SPA**

**FULFILLS ALL REQUIREMENTS SET BY 'TESSILE E SALUTE'
and**

**PARTICIPATES IN THE TEXTILE AND HEALTH PROJECT
funded by the
MINISTRY of HEALTH**

**and aimed at protecting the health of people, guaranteeing to the end consumers
the safety and the transparency of the textile-clothing products.**

Certificate n° 14900127

Biella 18/04/2019

Certificate expiration : 30/04/2020

The Attorney
Mauro Rossetti

The President
Franco Piunti

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History

Drago Spa is a well-established industrial group that takes a leading position in the international textile landscape. Thanks to the entrepreneurship of the founders Umberto and Laura, the Drago family started its business since 1973 in the field of weaving yarns, becoming an partner of excellence of the most important mills in the Biella area. With the introduction of Paolo and Daniela Drago, Umberto and Laura's sons, in the eighties, the activity specializes and expands to foreign markets until the acquisition of the Fintes wool factory in 1993, incorporated in the group in 2001.

The important investments in technology in the last 10 years have made Drago Lanificio in Biella one of the main integrated mill in the Biella area, including the whole production chain from spinning, weaving to finishing, to an efficient sampling and a modern laboratory analysis.

Innovation, efficiency and creativity are the winning weapons that more than 150 people situated in Lessona and Verrone departments, they are doing every day to reach ambitious growth targets that have led the group to export in recent years in 70 countries around the world, among its customers all major international brands in the clothing industry.

The Drago family invests in research and development a significant percentage of its turnover, engaging in product innovation projects and related processes, with a special focus on environmental protection

Technologies

Drago spa can boast of being an integrated woollen mill, presenting within it the complete production chain, from spinning wool to finishing. In recent years the Drago group has faced significant investments in the development of new technologies and in the purchase of the latest generation machinery, always paying great attention to environmental protection and production performance.

Laboratory

Drago is extremely attentive to the quality of its products and has a well-equipped internal analysis laboratory, certified since 1990 to Interwoollabs. Within this "department" there is the prior control of the purchase of wool, which in order to be suitable and subsequently acquired must pass the following checks:

Thinness of the Fibers → OFDA100

Height of Fibers → AL 100_Almeter

Cleanness of the Fibers → Top Tester

These three features are very important for the final fabric, just think that the fineness of the fiber it allows us to know the quality of our final product

These controls are performed → on samples

→ on pre-production

→ on production

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LANIFICIO IN BIELLA

INTERWOOLLABS

International Association of Wool Textile Laboratories

This is to certify that

Drago S.P.A.

is a licensed Member of Interwoollabs and has been granted Interwoollabs Stamp No.113 for

2020

for use on Test Certificates issued for measurements of Wool Tops carried out according to the following IWTO Test Methods

IWTO-17 "Determination of the parameter of wool fibre length distribution with the ALMETER apparatus"

IWTO-47 "Measurement of the Mean and distribution of fibre Diameter using an OPTICAL FIBRE DIAMETER ANALYSER"

INTERWOOLLABS
International Association of Wool Textile Laboratories
Association Internationale de Laboratoires Textiles Laniers
Internationale Gesellschaft der Wolltextillaboratorien
Wool House, Sidings Close, Canal Road
Bradford BD2 1AZ - United Kingdom

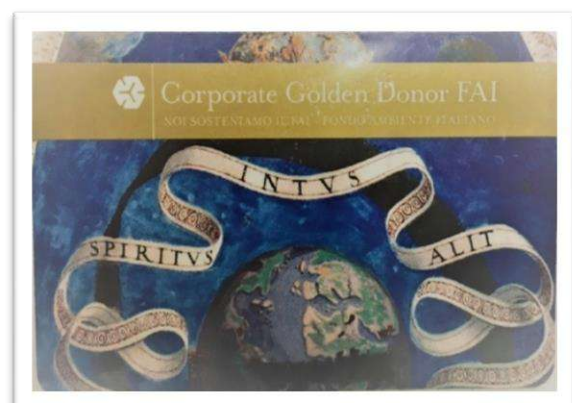
G Giebel
G Giebel – President

A J Lambert
A J Lambert – Secretary

 **INTERWOOLLABS**
International Association of Wool Textile Laboratories

FAI

Furthermore, Drago's attention to social issues and the environment is also demonstrated by his participation in the FAI Fondo Ambiente Italiano as a Corporate Golden Donor.



The FAI is an Italian foundation founded in 1975 for non-profit, for the protection, protection and enhancement of the Italian artistic and natural heritage through the restoration and opening to the public of historical, artistic or natural heritage received by donation, inheritance or loan. It promotes education and awareness of the

community to the knowledge, respect and care of art and nature and intervention on the territory in defense of the Italian landscape and cultural heritage.

Department

Lessona – spinning dept.

- warehouses– Tops & yarns
- Laboratory
- Administration dept.
- Sale dept.
- Marketing & communication dept.
- Bunch & Bespoke dept.

Verrone – mill

- Warping dept.
- Weaving dept.
- Mending dept.
- Finishing dept.
- Sampling & Shipping dept.
- Style office

Processes

Drago Spa is a complete mill, from the raw material to the fabric ready to be delivered all around the world. All the processes are performed internally, with some exceptions:

- The first step of industrial preparation: the cleaning of the wool, is done by suppliers. Drago selects and buys directly raw material from Australia, New Zealand (wool), China (cashmere) or other countries (South Africa or South America) after a selection by quality, which is done by the internal laboratory in Lessona plant.
- Dyeing. All dyeing processes are externally done.
- Singeing. The second step in finishing, singeing, is externally done. After preparation and crabbing process, fabrics are sent to a supplier, and then are processed in a piece of machinery that quickly rolls the fabric and rapidly pass it over a controlled flame which burns long hairs and fluffs that protrude from the fabric frame. In that way, fabric acquires smooth and “dry” aspect and it is ready to be clean and to be treated in all the following processes.

Lessona – The spinning mill

Blender machine

As written before, Drago buys raw material that is initially processed outside, then, in terms of factory production, the first material that enters the plant of Lessona is represented by tops. Tops are delivered by the supplier and then stoked in the warehouse. Usually, two kinds of tops arrive in the department: dyed and raw, this characteristic will condition the following processes.

The first operation, when the bales of tops arrive, is to open the bales and insert the tops into a drawing frame and blender machine. This machine has the function of parallelizing and blending staples from different bales, in order to obtain a homogeneous final staple. In this phase a compound of water, oil and antistatic agent is sprayed on the wool, preparing for the next steps.

Combing machine

At this point, wool pass throughout a series of combing machines which have the aim of increasing the quality of the wool, eliminating short fibers, achieving a better parallelism of fibers, eliminating clumps and obtaining the higher level possible of evenness in the sliver.

Preparation

In this phase, slivers are paired Questa fase serve ad accorpate i nastri di lana e renderli più regolari possibili in termini di peso per lunghezza, anche in funzione del titolo di filo desiderato.

Finisher Drawframe

Wool slivers enter a machine: the finisher drawframe (in italian: “finitore”) which gives a slight twisting to the staples, just to give faint compactness to the product preparing it to the yarning process.



Spinning – Steaming – Winding

In spinning, wool staples, thanks to the twisting and drawing actions, finally become yarns. After this process, yarns are treated in a steam-pressurized chamber in order to fix the twisting. The yarns quality is constantly checked by Husters capacitive sensors, which are able to detect all the slightest change of yarn thickness and to eliminate the defective section, all these control and correction processes are automatically done by spinning machines. When the yarn steaming phase ends, yarns are winded up on distaffs. Usually, spinning, steaming and winding are well-separated processes accomplished by specific machines; in our case, instead, these three phases are processed in automatic sequence by machines linked together.

Twisting

In certain cases, the single yarn winded up on distaff needs to be paired with another single yarn. The process that two yarns are paired together is called “twisting” (“ritorcitura”).



Rewinding

In the spinning department we can find also a machine used for rewinding (Slaforst X5), this machine can wind up yarns dyed on distaff in order to adjust the product to the distaff quality standard of Drago. This process is also used to recover residual material of the warping phase or for quality control.

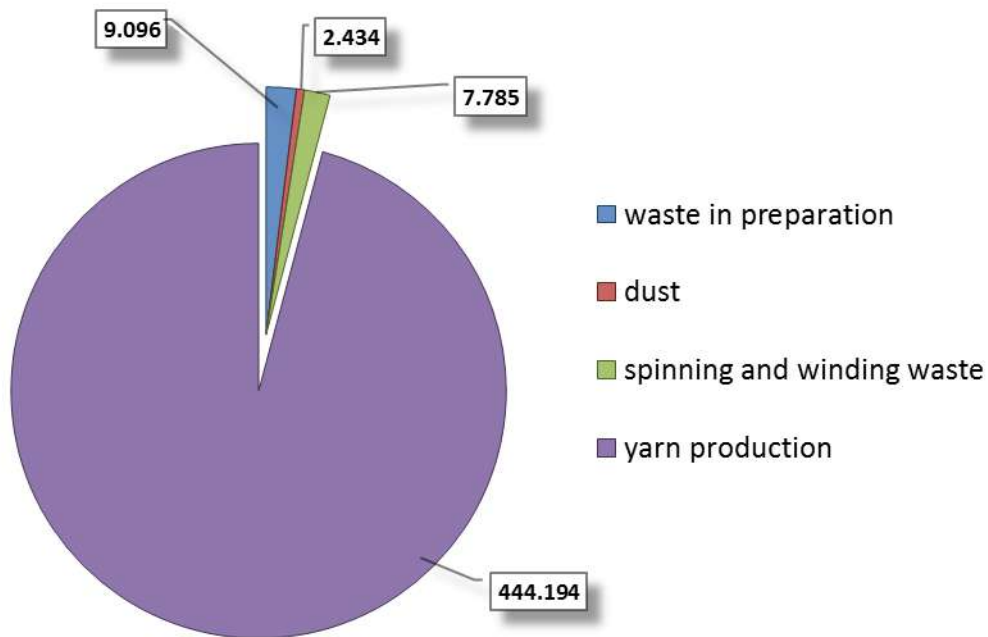
Spinning waste material

All the processes of spinning mill produce a really low quantity of solid waste, like wool dust and fibres, which are sucked by specific vacuum cleaners that automatically work along the spinning machines. This waste material is sold to recycling specialized companies.

After all the spinning processes, yarns are stoked in the warehouse, waiting to be used for fabric production in Verrone plant.

Shown below, a summary chart that describes by numbers waste material production in spinning phases, in related to the production of yarns. Measurement values are in kilograms.

WASTE MATERIAL PRODUCTION IN SPINNING - IN KILOGRAMS 2016



Warehouses

Drago spa has three warehouses. In Lessona there is the warehouse for raw material and yarns which will be sent, accordingly to the need, to the weaving departments in Verrone or Bacau. In Lessona there is also the warehouse for fabric articles of “bunch”, a daily shipping service that can face our customer requirements.

In the Verrone plant, instead, there is the warehouse of fabrics and samples office, in charge in shipping of collection articles.

Verrone – Wool mill

Warping

In warping, yarns are prepared in a frame that represents the warp structure which will be used in weaving. This is a mechanical process and yarns are fixed in the frame as required by the design project.

Drawing-in (Incorsatura)

Drawing-in is the phase of preparation of yarn for weaving which in our plant is automatically done. This is an operation of insertion of every single warp yarn in a respective heddle in order to obtain the framework of the design.

Weaving

Weaving is the mechanical process that produces the fabric.

Unrefined fabric control

After weaving the fabric is finally produced but it is not finished yet. The first step after weaving is the first quality control: every piece of fabric is controlled by specialized workers in order to check and detect possible defects of production. The defects are marked and a first report is printed, then the fabric moves to the next step: patching. In this process, the defects are corrected and, if it is possible, completely removed.

Finishing

Finishing is the group of labors and processes that are done to the fabric in order to lend specific features, as enhancing the appearance, technical performances, drapery and in general, making the fabric as it has been designed. Finishing is a very complex and varying process that involves multiple passages and types of machinery and that does not follow always the same path, the same procedure; it depends on the fabric, on the final result that we want. Furthermore, considering the same article, with the same drawing and the same colour, it does not mean that we can be sure to follow the same steps. Actually, the finishing treatment can be conditioned by many variables such as wheatear (humidity), water quality/condition, chemical or mechanical differences, etc.

Thus, the operator must be flexible and evaluate carefully the product during the process, in order to be prepared to change or adjust something in the process, before it is too late and the fabric is definitely ruined. That makes finishing quite a kind of handcraft work. In Drago Spa there are both wet and dry finishing.

Wet Finishing

Crabbing

The first treatment is Crabbing, that aims to fix or stabilize the fabric and increase structure regularity. The mechanism uses a combination of temperature and moisture action, while the fabric is flattered and put under pressure in order to give it a permanent set.

Scouring

Accurate scouring is the premise for a success in all the following processes. Scouring has not only the aim of remove the dirty from the fabric, it has also the purpose of giving to the fabric some features. Scouring result can be mainly affected by five factors:

- Water features
- Washing Agents
- Mechanical actions of the washing machine
- Temperature and pH
- Rinsing

The excellent purity of biellese water gives to our products an unparalleled quality.

Felting

Felting is one the main features of the wool and it is known from ancient times. Wool shrinking after washing is generally an undesired effect; in factory wool finishing, instead, it is a feature that is used to give to some articles a specific trait. Felting of wool fibres take places as a result of a combination of compression, heat and moisture.

Dry Finishing

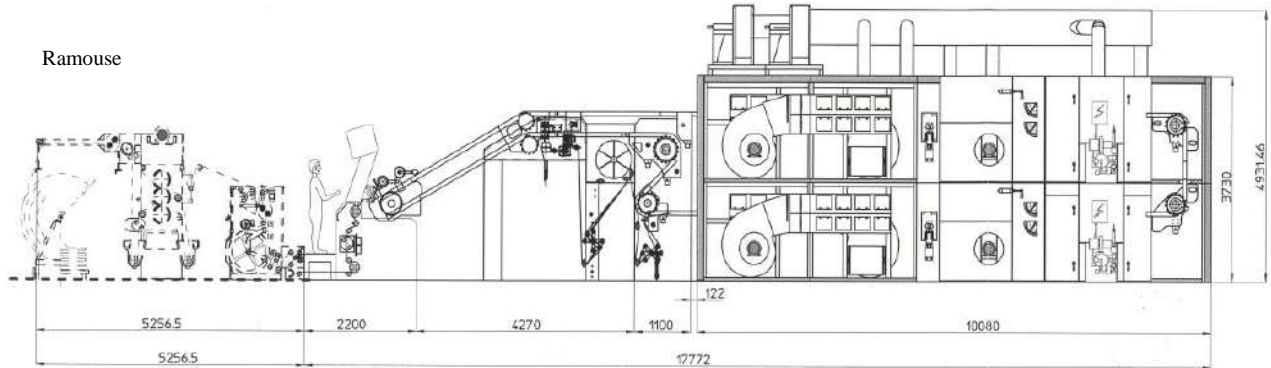
Finishing department is obviously complete with all main dry finishing machines:

Stender Drying is a drying machine and it is used also to do some thermal fixing treatments. The operation system is based on heating of fabric by hot air flows. Stender Drying machine or *Rameuse* is a machine often linked to a pad mangle and a weft strengthener. Pad mangle or *foulard* is a machine that immerses

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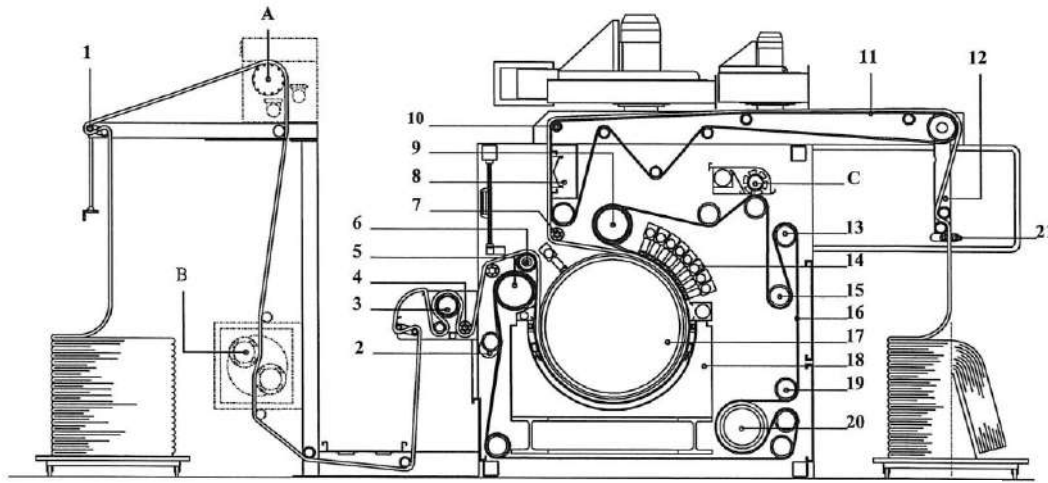
the fabric in a bath with a solution of water and chemicals chosen for the feature we want to give to the fabric.



Decatizing is an important step in finishing, it aims to reduce fabric thickness and increase the smoothness of the surface, these results are achieved using pressure and steam. In general this is a dry process, but there is also a wet decatizing, in this case, fabric pass through a foulard machine (or pad mangle) and it is immersed in a bath before decatizing. There are different Decatizing machines which give different effect to the fabric; for example, Decatizing "finish" gives to the fabric a "full and woolly hand", it also favourably influences the crease and shrinking resistance. Autoclave Decatizing, better known as Under-pressure Decatizing or KD (*Kessel Dekatur*), is used to produce permanent effects of shiny to the fabric; this finishing also gives to the fabric steadiness in term of dimensional stability (*Hoffmann* press test) and wetting. KD Decatizing machines consist essentially of two parts: a winding work station where fabric is wound up around a perforated steel cylinder, whose holes are traversed steam flows, and a pressure chamber where fabric is treated with saturated steam.

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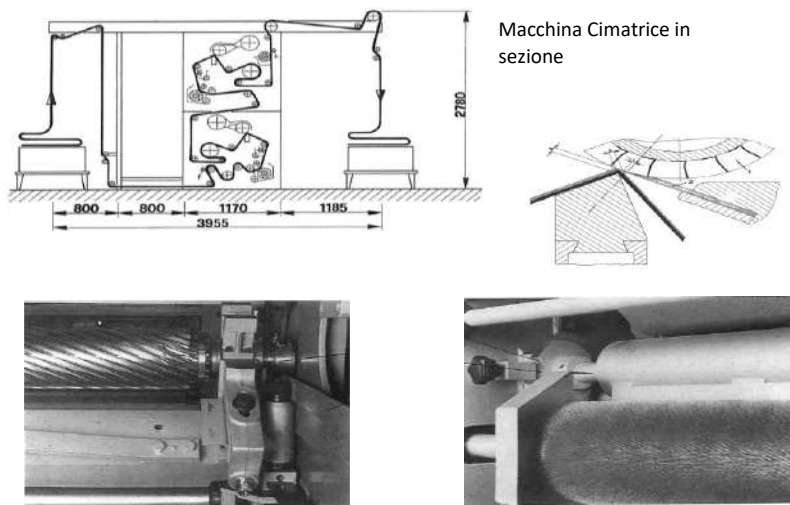
Macchina decatizzo in continuo: Decofast Ultrafinish SP.9.A

Songing is a process that aims at reducing fabric tension thanks to the combined effects of pressure and steam. This process makes fabric smooth, soft and shiny.

Cropping is a mechanical, dry treatment that aims to create an even surface of the fabric by cutting fibres that protrude from the fabric frame to a uniform length. The mechanism is based on blades mounted on rolling cylinders, another fixed blade and on brushes cylinders that raise the fibres to cut them easily. This treatment increases the clearness of the fabric drawing.

Quality Control

Our articles are tested, in order to guarantee a high-quality level of the production and the compliance with our customer requires and international standards. Our products are tested in internal laboratory and external certified laboratories. Furthermore, the high-quality level of our products made it possible to Drago group to enter into the inner circle of the most reliable suppliers, which are able to realize “pronto all’ago” products, for some of the most prestigious international costumers of the field.



- “pronto all’ago” control: the high certainty about internal quality of our controls, made by specialised operators, has a value of absolute control of the fabric.



New Machineries

DRAGO SPA is a company quality and innovation-oriented and this attitude pushed the business to a continuous renovation, above all in production processes where new machinery is added.

Spinning – Steaming – Winding Machine

The program of substitution of spinning machines with last generation new model is currently underway. These machines are composed of three parts connected each other:

- Spinning: Saurer – Zinser Impact FX 451
- Steaming: OMV – Vap 40
- Winding: Schlafhorst - Autocorner 6

The new piece of machinery connection guarantees high process automatization level, then a reduction of the operator's workload. These new machines, based on sophisticated technologies, led to a significant improvement of product quality. Then, this solution has also produced an important energy saving, in fact the number of machines is decreased but quantity and quality production is increased. At present, the substitution machines program is at ¾ of the total.



Biella Shrunk – Kinetika

One of the new machineries introduced into the production processes, we can find the revolutionary Kinetika, produced by Biella Shrunk in collaboration with our technicians of the Verrone plant, who, thanks to their experience, are developing this project in order to obtain, actually, the best washing – finishing integrated machine in the market. Kinetika was presented to the public, for the first time, in the EICMA fair of January 2016, where it obtained a great success, above all for its innovative solutions.

Kinetika takes its name from “kinetics”, distinctive feature of the new machinery, introducing a new concept of washing which reaches surprising level effectiveness. Using powerful recirculation pumps (30Kw) and a special washing circuit equipped with spray nozzles, flat-jet type, the washing liquid is thrown like micro-drops (50/100 µm of diameter) to the fabric with high pressure.

That means high recirculation volume (L/h) which can reach a bath exchange throughout the fabric till 100 litres per fabric meter.

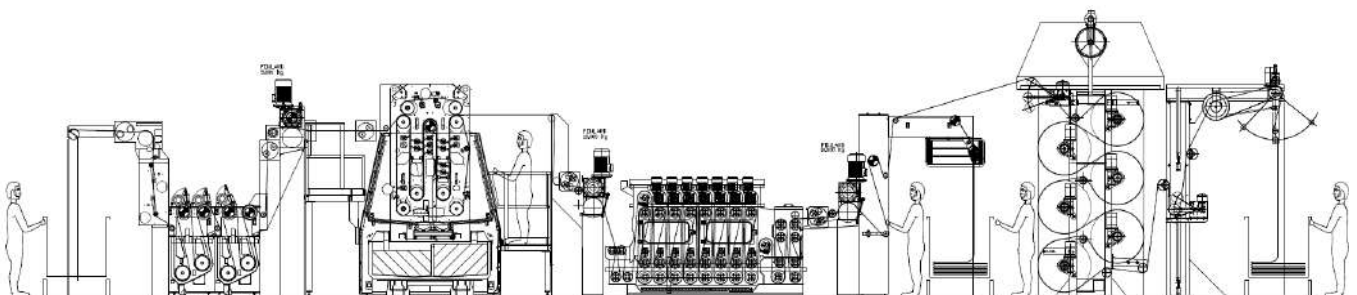
Kinetika is a modular machine, it means that, depending on necessities, it is possible to add complementary components which integrate various treatments in series.

Drago already launched the project of installation of two additional modules:

- Steaming tank with foulrad
- Dryer with 6 steamed cylinders of 800 mm of diameter



Those modules, perfectly integrated with the washing structure, will optimize the whole working process, reducing the time needed and water/electricity consumption, since the work processed by three machines will be done by a single: Kinetika



Looms - ITEMA mod.R9500

Weaving department is actually one of the most renewed in Drago group, in fact 9 new looms were bought last year, and these machines with the other 15 looms recently introduced into the production process, make this department one of the most modern and efficient of the factory.

The management, after an attentive research, decided to purchase the R9500 models produced by ITEMA, which are classified A+ and then with a remarkable energy saving in comparison with the previous models. The new looms are also “Green Certified” by ACIMIT (Association of Italian Textile Machinery Manufacturers).



The substitution of the looms contributed also to the complete disposal of the “air looms” which are considered too much energy consuming and harmful to the environment.



Energy Saving

Thermal Energy

With a view to energy saving policy, DRAGO SPA implemented a recovery system of the thermal energy produced during some industrial process; the heat, in this way, will be reused in those processes that need it, instead of being lost into the environment. The thermal energy saving occurs thanks to an exhaust steam Recovery system installed on a particular machine: the “Ramousé” which uses the combustion of gas to produce hot air flows in order to heat the fabric. Then, the hot air produced should be lost into the environment, passing throughout the chimney but thanks to the recovery system, hot air is instead conducted to a heat exchanger, which transfers the heat of the hot air to the water, which will be used during the wet finishing processes as the scouring.

The heat recovery system was built in 2014 and in two years and a half it allowed DRAGO SPA to save more than 230.000 cubic meters of methane gas and to reduce CO2 emission of more than 430 tons.

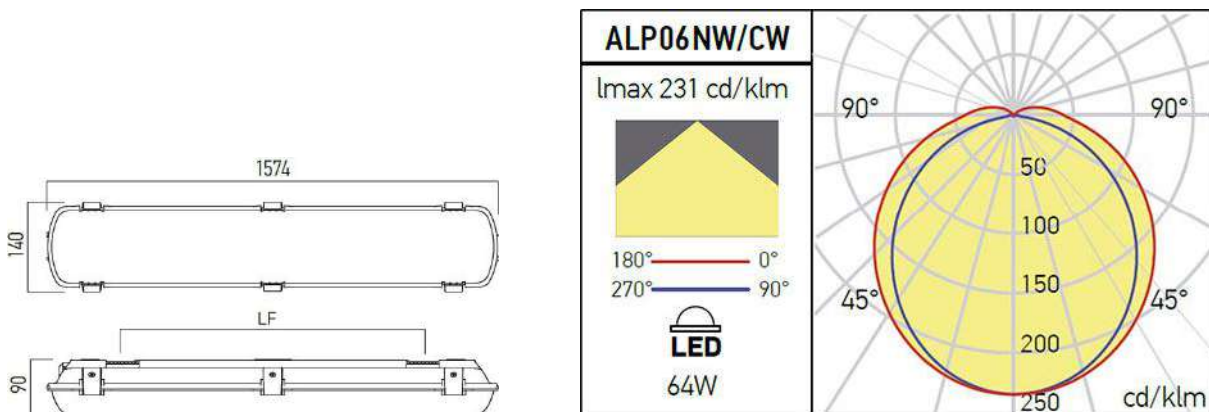
Here some numbers which briefly describe the results obtained by the described system:

Recovered Energy	CO2 Emissions	Methane Gas consumption
2225,17 (MWh)	- 431,44 tons	-231.957 Sm3



Enlightenment

In addition, the enlightenment system has been included in the renovation and modernization process. In fact, 817 lamps has been substituted with new LED models - **ALP06NW** produced by **ARELUX**. Thanks to this optimization, it will be possible to get an energy saving equal to 130.609 kWh.



Table

VERRONE PLANT

	N° LAMPS	PERIOD 2015/2016				PERIOD 2016/2017			kWh SAVED
		WATT	TOT KW	YEARLY USE-h	TOT KWh	LED	WATT	TOT KWh	
WEAVING	166	116	19,26	5.520	106.293	64	58.644	47.649	
DRAWING IN	20	116	2,32	1.840	4.269	64	2.355	1.914	
FINISHING	179	116	20,76	3.680	76.412	64	42.158	34.253	
OUTSIDE	5	250	1,25	4.000	5.000	125	2.500	2.500	
OTHER DEPARTMENTS	46	828	3,77	4.000	15.088	415	7.700	7.388	
TOT Verrone					207.061		113.358	93.704	

LESSONA PLANT

	N° LAMPS	PERIOD 2015/2016				PERIOD 2016/2017			kWh SAVED
		WATT	TOT KW	YEARLY USE-h	TOT KWh	LED	WATT	TOT KWh	
YARNING	230	72	16,56	7.704	127.578	64	113.403	14.175	
PREPARATION	19	116	2,204	7.704	16.980	64	9.368	7.612	
WAREHOUSE	90	72	6,48	3.680	21.727	64	19.313	2.414	
WAREHOUSE ENTRANCE	6	250	1,5	3.680	5.520	64	1.413	4.107	
WORKSHOP	21	72	1,512	2.760	4.173	64	3.709	464	
OTHER DEPARTMENTS	15	250	3,75	1.840	6.900	64	1.766	5.134	
OUTSIDE	20	1500	1,5	4.000	6.000	750	3.000	3.000	
TOT Lessona					188.878		151.973	36.905	

Yearly kWh saved of
the Group:

130.609

Revitalization of waste material

All spinning and milling processes inevitably produce a certain amount of waste and solid waste, such as wool powders, fibers, scraps, paper and plastics. The company, in full respect of the environment, has activated within its plants a system of separate collection of various by-products, which are sold to companies specializing in the processing of various production waste, thus revaluing material that should be wasted and consequently accumulated as a waste.

Below is a summary table that describes in the numbers the production of processing waste in the different phases of spinning and wool milling throughout the year 2016. Values are expressed in kg.

SOTTOPRODOTTI LANIFICIO	Totale anno 2016
BRETELLE Lanificio	13.924
SCAMPOLI	2.486
FILANDRE	1.716
FONDO CONI PURA LANA	2.174
	20.300

SOTTOPRODOTTI FILATURA	Totale anno 2016
LAPS	5.589
BLOUSE GG	3.507
POLVERE GG	2.434
FILANDRE GG	7.785
	19.315

Recycling

Drago Spa has organized a separate collection system to which all employees must comply, thus involving the various departments and offices present in the two offices. Part of the waste is collected by the municipal service, while the remaining part is sold to specialized subjects (plastics and cardboard). In this logic the company has purchased a waste compactor, which allows and facilitates the storage of waste materials for sale. An initiative that has brought not only a better environmental impact but also an economic benefit within the company budget. Here are the updated data:

2016		2017		var % 2016	2018		var % 2016	var % 2017
<i>Lessona</i>		<i>Lessona</i>			<i>Lessona</i>			
<i>costi ritiro</i>	-€ 427,00	<i>costi ritiro</i>	-€ 162,15	-62%	<i>costi ritiro</i>	-€ 334,77	-23%	106%
<i>vendita</i>	€ 978,70	<i>vendita</i>	€ 3.161,20	223%	<i>vendita</i>	€ 3.490,90	257%	10%
<i>Costo annuale pressa</i>	€ 0,00	<i>Ammortamento annuo pressa</i>	-€ 1.800,00		<i>Ammortamento annuo pressa</i>	-€ 1.800,00		
		<i>costo totale pressa 9.000 €</i>			<i>costo totale pressa 9.000 €</i>			
<i>Verrone</i>		<i>Verrone</i>			<i>Verrone</i>			
<i>costi ritiro</i>	-€ 14.877,36	<i>costi ritiro</i>	-€ 10.541,48	-29%	<i>costi ritiro</i>	€ 0,00	-100%	-100%
<i>Tasse</i>		<i>Tasse</i>			<i>Tasse</i>			
<i>totale</i>	-€ 4.146,00	<i>totale</i>	-€ 4.102,00	-1%	<i>totale</i>	-€ 3.724,00	-10%	-9%
<i>Vendita coni di filatura usati di plastica</i>	€ 0,00	<i>Vendita coni di filatura usati di plastica</i>	€ 120,78		<i>Vendita coni di filatura usati di plastica</i>	€ 589,26		
<i>Tot. Spesa rifiuti annua</i>	-€ 18.471,66	<i>Tot. Spesa rifiuti annua</i>	-€ 13.323,65	-28%	<i>Tot. Spesa rifiuti annua</i>	-€ 1.778,61	-90%	-87%

Control of Pollutants

Chemicals

The careful management of chemicals used in production processes, in particular in finishing, is undoubtedly a primary importance task in term of environmental protection and heaty of the workers.

For this reason, the choice of suppliers is carefully taken, in order to peacefully respect national and international regulations, and also to compliance with our customers which are more attentive to the environment.

Obviously, all incoming and outgoing chemicals are constantly controlled and registered for a correct application and a safe management.

Waste Water

In term of pollution, the management of wastewater is certainly the most critical factor in every company operating in the textile field, this is because in water in higher the risk of pollution.

DRAGO SPA owns, in Verrone, a purification plant. However, the company preferred to entrust entirely the wastewater management to an external company: CORDAR SPA Biella Servizi, which, thanks to its specialization, professionalism and experience, guarantees the higher level of control.

CORPORATE HEALTH AND WELFARE

Air conditioning system

DRAGO SPA is particularly sensitive to the health of its workers and air quality is an essential element for a healthy and safe work environment. Air humidification is necessary for the correct processing of wool, but also to maintain the necessary comfort for workers' health. A dry climate, in fact, mainly involves the dryness of the respiratory tract, which becomes incapable of trapping dust, dirt and pathogens, which can more easily reach the respiratory tract. Typical consequences of an incorrectly humidified environment are: coughs, colds, bronchitis and sinusitis. For this and other reasons, in the choice of air conditioning systems we opted for the most cutting-edge solution that separately treats air and water. This creates benefits for people in the environment, such as: no airborne dust, reduced respiratory tract diseases, improved air quality, reduced temperatures. The installed system follows the most recent guidelines of the Italian Ministry of Health (Legislative Decree 81/2008 and subsequent amendments) and the German VDI 6022 certification and guarantees a healthy environment because air and water are released into the environment separately, thus avoiding the possible development of elements harmful to health. The system water is filtered with a reverse osmosis system and undergoes a UV sterilization treatment, both procedures to prevent bacterial proliferation. The plant is also designed to avoid any stagnation of water, minimizing the possibility of biofilm formation (something not possible in the case of humidification via canalization).

The plant is also efficient in terms of lower energy consumption and waste of water compared to traditional systems, resulting in a lower environmental impact.