

IT ALL STARTED WITH AN IDEA...

...that began to take shape, making the most of technology and organization!



The last time **decomagazine** visited Leghe Leggere Lavorate (LLL) was eight years ago! Since then, the company has changed considerably. Mr. Ivo Pizzamiglio (company chairman) and his two sons Davide (Co-Managing Director and head of sales) and Matteo (Co-Managing Director and head of production logistics and purchasing) are there to welcome us in the new head office still located, as the previous one, in Buccinasco. LLL is an exemplary firm in this industrial estate and we are highly impressed with the considerable leap forward the company has achieved since our last visit.

The layout of the plant is spectacular, 3000 square metres in premises without a single pillar. Everything is very well defined in terms of production areas, temporary storage and passageways. The other departments including logistics, the meteorological room, the office for technical meetings, the dedicated finishing area with clean rooms and rooms for

special treatments, as well as finished product and materials store rooms are separated from each other and are highly functional. There are also, of course, areas reserved for the canteen and the personnel.

We are taken into the offices located in a small adjacent building. As soon as we enter a small waiting room, a magnificent wooden stairway catches the eye with its clean lines leading up to the first of two floors of offices. These are very well-lit rooms, laid out in such a way as to make working there as comfortable as possible and to simplify contact and communication with other offices.

We are led into Matteo's office. One whole wall is taken up by a large window looking out onto the workshop. Looking out, we are drawn to two very orderly rows of Tornos machine-tools. There are about twenty different versions of DECO and a further twenty Tornos cam-operated turning machines, also lined up very neatly.

We take a seat in boardroom and look forward to talking with Messrs Pizzagmilio.

The key word: rationality

decomagazine: Mr Ivo, why is Leghe Leggere Lavorate such a success in the market?

Ivo Pizzamiglio: Our company is founded on rationality. This is a concept which can be strongly felt throughout the operations of the entire company. How to lay out the machines? Which flows will we put in place? Which machining sequences do we use? Which layout is best in terms of safety? Which system is best suited to the flow of information? If these questions are underestimated, we run the risk of jeopardising everything and the technology we would like to put in place, even the most advanced, would become inefficient due to all these difficulties. LLL is the result of this research into tidiness and cleanliness that is forever being updated and enables

us to continue reaching ever-higher levels of quality and customer satisfaction. Then we implemented our ideas and actions improve our level of understanding!

All singing from the same hymn sheet

In line with this principle, tasks and attitudes of our employees are closely monitored and carefully channelled towards the same goal within the company's mission: the search for precision and excellence. This is why every little action like, for example, putting tools back in their right place in the most orderly fashion, is done with this goal in mind. In addition, the feeling that you are part of an efficient team makes us stronger and all of our actions benefit.

In life, we all learn to walk before we can run. This is how we have grown. Each step has helped us anticipate the requirements of our customers in order to be ready when the need arises. This concept of being



LLL: a faultless organisation at the service of its customer base, well represented by workshops lined up straight as a die.



Yes, we actually are "in a bar turning workshop"!

"open to the future" was our basis for selecting our means of production. We want the best machine tools, what we have are some of the most technically-advanced and reliable. Naturally, our machine park includes brand new and less new units but every one is, or was at the cutting edge of technology at the time it came out. The result is plain to see in terms of precision and complexity levels of parts that can be machined.

dm: Mr Ivo, how has LLL developed over the last few years?

Ivo Pizzamiglio: Over the last few years, LLL has grown both in terms of capacity of production and manufacturing technology. The company has never expanded at the expense of quality and professionalism as these elements have always been an integral part of the work of our organization. The same can be said for the highly effective assistance and collaboration with Tornos, which has been a determining

factor of our success. In a few years, LLL has become one of the main production companies of certain precision mechanical components.

High-value parts

dm: Mr Davide, which markets is LLL currently aiming at?

Davide Pizzamiglio: To be honest, we don't believe that our manufacturing technologies are suited to all bar turning markets. As far as we are concerned, we want to make highly technological parts using particular materials.

dm: Am I right in saying that your company is active in the medical sector? Can you elaborate?

Davide Pizzamiglio: Our decision to enter the medical market a few years ago was really down to Tornos who helped us and enabled us to break into

a sector which, at the time was totally new to us. Nowadays, about 40% of our production is "medical". These are high-technology parts we produce for third parties either from the drawing given to us by the customer or we develop solutions for our customers. We are even able to carry out in-house research with highly-efficient research & development and engineering support. This is a plus for our customers!

Impeccable production

dm: Mr Matteo, you are in charge of logistics, purchasing and production. What are LLL's strengths in these areas and what are the challenges you face?

Matteo Pizzamiglio: I have to say that we produce huge quantities of different types of parts with 3 shifts per day. To begin with, my role was to make all purchasing or production planning as reliable and as flexible as possible right up to stocking and dispatch.

All the machines are interconnected and they all transmit data on every machine or handling settings in the different parts of the workshop to the production control and test rooms and to my own office. LLL can always follow the manufacturing progress in real time. These days, I am persuaded that it is inconceivable to think that you can control production with any other system.

A clear vision

dm: Mr Ivo, how do you see your company's future?

Ivo Pizzamiglio: First of all, I am pleased to say that already the company is in the safe hands of my sons who have realized the need to have good colleagues around them therefore forming a valuable team that will always be in a position to handle any future challenges in a positive manner.

However, to give you a more direct answer to your question, I would say that in the next 2-3 years, LLL's main task will be to continually find means of breaking into "difficult" and "niche" markets with a constant search for ever more efficient production capacities. Without close cooperation with the "machine-tool world", this development is impossible!

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LEGHE LEGGERE LAVORATE IN BRIEF

Year company founded:	1951
Change of strategy:	1986 – become specialized in high-technology parts.
Machining equipment:	35 automatic turning machines with capacities of 1 to 20 mm. 20 DECO NC turning machines with capacities of 1 to 25 mm.
Special procedures:	The company is equipped to carry out the following internal procedures: sanding, polishing, cleaning (ISO8) and decontamination.