

Officine Meccaniche Venturini: Binding machines built to customer requirements

Customised, specific solutions based on production needs, alongside support in optimising industrial productivity management - these are the driving principles for growth of this Brescia company run by the Venturini family. We are an internationally proven company in the design and manufacture of binding machines, handling equipment and packaging systems for rolling and drawing systems, in particular those used in the steel industry.



Shortening packaging time by providing the perfect solution for any production needs: this is the added value of binding machines. These industrial machines perform a crucial function in the production chain, allowing closure of a bag or grouping items of varying thicknesses into bundles, quickly and safely. Machines are often standard, with shared technical features, but able to be customised to become unique and tailor-made for customer needs. This is the case with Venturini branded machinery produced by our company in

Bovezzo in Brescia province. We design and manufacture binding machines, handling equipment and systems both for wrapping finished products as well as for rolling iron, steel and brass products (strips, rods, blocks, beams, and channels for all purposes) for rolling and drawing machines, especially within the iron and steel industry

Thanks to over 10 years' sector experience, our Brescia company is able to provide fully customised solutions, and, where necessary, a system for complete evacuation downstream of the cooling plate, of the roll-forming device or of the straightening machines. "Our company has always been committed to developing innovative technologies that have a high degree of reliability," says Claudio Venturini who, with his cousin Sergio, co-owns the company that their fathers founded in 1969. "Today we export worldwide, from Mexico to India. Our aim is to ensure that the binding machine, that's generally installed in the final phase of a highly complex process, does not compromise the overall efficiency of the system. Binding is the last link in the production chain and as such takes on somewhat strategic importance: indeed the machine should not only maintain the efficiency of the overall production cycle but it often also has to operate at high speed. To guarantee the highest quality binding, we pay great attention to the conditions in which the material is presented. We then optimise the efficiency and precision of the devices that remove the material from the cooling plate, to move it to the area where it is bound and then unloaded."



Having a design function in-house is therefore one of the company's main advantages: "Starting with a standard solution, we go on to create a custom, non-standard machine in terms of shape,

size and technology and then provide end-user support for its optimum application,” says Venturini. “Some of our machines are for high productivity systems and others for more modest installations. Once we understand the requirements and specific needs of the customer, we assemble the machine in three months, sometimes even less. Over the past few years we’ve produced around a thousand machines, all different, and we’ve patented one particular model that binds using 2mm wire and uses eyelet knotting which provides more operator protection.”

The result is machines that share the same efficiency, longevity and quality assurance that has led the company to focus on customer needs, and to evolve and adapt our products in line with today’s changing manufacturing standards. We have also turned our attention to the rolling mill sector, and the need of special steels manufacturing and of automation. All this with an eye to increasing our exports. OMV began exporting worldwide in the 1980s. Our first, large-scale commissions were for pressure binders, destined designed for heavy, intensive use and for evacuation systems for fully automated processes.



"The introduction of CAD design systems in the early 1990s meant we’ve were soon able to move ahead much faster on design. For example, we developed high-strength knots, and also made major structural changes to all our machines. The company also got its first Quality certification at that time, too,” adds Venturini. “Harnessing the latest technological innovations has made our machines even more functional: "light" versions have been introduced alongside

new hardware to digitise the machines for integration into 4.0 industrial systems. And we’ve also modified some details for better resistance to wear and facilitate maintenance operations.”

Indeed, maintenance to minimise production stoppages is another of the guiding principles in OMV's market place. Apart from assisting customers with programmed, preventive maintenance, we also offer a revamping service: "We always offer after-sales support, including start-up and in-house training. We also supply spare parts, upgrades and revamping services as well as comprehensive warranty inspections for machines that have been subject to constant use over long periods and so require resetting and, perhaps, technological upgrades.”