

PRESS RELEASE

News in brief – The Varvel Group introduces a new digital formula for production process automation, as part of its commitment to constantly improve performance: more effective management, faster delivery times and greater control over every stage of manufacturing in order to respond to an increasingly demanding and competitive international market, all to the benefit of the entire supply chain.

More effective and competitive with Dadistel

The computerization of production processes and the improvement of management, thanks to an innovative automation system, thrust Varvel ahead in an increasingly selective global market

Valsamoggia (BO), 26 March 2019 – Technology combined with digitalization is set to provide the **Varvel Group** with renewed competitive momentum in the immediate future. The Group has introduced **Dadistel**, an **automation system** for control of production in mechanical machining departments that enables effective and efficient time management, providing invaluable real-time information and accurate estimates on delivery times and the availability of resources, as well as an analysis of production processes and trends.

In the coming months, this extremely advanced tool will enable **integrated monitoring of production flows**, with a clear improvement in terms of reliability and performance. An Industry 4.0 innovation that thrusts Varvel ahead in a global scenario with an ever greater capacity to meet the needs of a demanding, computerized and competitive market.

The Bologna-based company's sixty-plus years of experience and the tried-and-tested quality of its product range Made in Italy, not to mention a concept of advanced modularity and a range of high value-added custom solutions, are just some of the strong points which, from now on, will be boosted by Dadistel, thanks to the fundamental advantages that the system delivers in automation of production control.

This important resource enables accurate, profitable **control of timings**, providing information on timing related to preparation, retooling, machining, downtime/pauses, production resumption and changeover. Equally important is the counting of parts, approved and/or rejected, in addition to the indication of average statistical times for parts produced, namely cycle, machine, loading/unloading.

These real-time calculations bring improvements in management, with benefits that affect **estimates** relating to delivery times and the availability of resources, favoring the entire just-in-time supply chain and producing a significant improvement in the supply chain overall.

To make daily and periodical monitoring even more meticulous, Dadistel also provides **analysis of production processes and trends**, together with machine and loading/unloading performance details, plus essential production data.

However, it is without doubt **timings** that constitute the greatest added value of the Dadistel control system: the information is made available in various formulas to suit different requirements at different times: at the same time as machining; as a record of work completed; based on groupings by period and subperiod (such as shifts, days, weeks, months, quarters, years); in relation to a machine, a department or a work island and even based on references/criteria of interest.

In view of the **ease** and **speed of installation**, the Dadistel system has unrivaled characteristics that obviate the need for mechanical interventions. It can be applied to all machine tools, from the oldest to the most modern, whatever brand and model they are. In addition, as it is a passive system, it offers the unique advantage of making no modifications whatsoever to existing plants.

Another highly attractive feature is the fully independent data collection, which **does not require operator intervention or the use of bar code readers**. This means that Dadistel guarantees objective information that cannot be manipulated, plus this information can be integrated within different perspectives, tailored to the needs of all operators – production managers, workshop managers, factory managers, owners – based on roles and requirements.

Dadistel is an artificial intelligence which, by its very nature, learns from past events and continually improves its analyses. It has already obtained a patent for the innovative combined hardware/software system on which it is based.

Its introduction was facilitated by the fact that the new system integrates with the major order management and planning systems, with an interface that allows its immediate and simple use, with room for extensive customization.

With a view to boosting the tried-and-tested quality synonymous with Varvel, renowned the world over and expressed through its products and services for over sixty years, Dadistel offers the ideal support for a group which is an increasingly international and global player, without losing sight of the founding values of a history that, over the decades, has made it a benchmark in the Italian national manufacturing industry.

VARVEL GROUP

The Varvel Group has been designing and producing power transmission systems for various industrial applications (like packaging, livestock feed systems and access automation and control) and for innovative applications like wind turbines and photovoltaic fields since 1955.

With unrivaled experience accumulated in over sixty years of activity, a production capacity of over 500,000 gearboxes a year and a turnover of around 50 million Euros, Varvel offers customers a vast range of standard products and custom solutions for specific requirements.

The entire product range is designed and made in Crespellano, near Bologna in northern Italy, where Varvel has its HQ. The company exports 70% of production through two subsidiaries (one in the USA and another in India) and a global network of over 100 commercial partners.

Further information is available on the website www.varvel.com

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