

PRESS RELEASE

## SCM Group participates in the Ligna 2016 Conference presenting the "EASY & RESPONSIVE" Industry 4.0 production system

*Ligna Conference, 3-4 May 2016  
Robotation Academy, Hannover*

**'Where the dictates of an industry are now making way for the answers: this is the new industrial revolution the market is looking for, and the challenge that we at SCM have embraced for some time now. Our response is a new production system, "EASY & RESPONSIVE", able to leverage automation and interconnection to drive the process renewal the market is demanding.'** These words by Luigi De Vito, Director of Woodworking Machinery Division at SCM Group, explain the Group's participation in the Panel Discussion entitled "Integrated Manufacturing in the Woodworking Industries: The Industry on Its Way to Industry 4.0", organised as part of the **Ligna 2016 Conference** .

The SCM Group vision on the future of the industry in the age of digitisation is based on the concepts of "dynamism" and "process intelligence" that production systems are increasingly required to adopt. *'The industry needs to be able to respond to consumers who demand solutions, performance, beauty and the right price, without settling for customary standards,'* goes on Luigi De Vito. *'Our system of technological solutions that we offer to the industry was designed therefore to be agile, integrated, easy to manage and control, ensuring low cost of ownership, and able to adapt to the sometimes unpredictable changes in ultimate end user requirements.'*

Furniture manufacturers renew their collections frequently, almost as often as in the fashion industry, which means products with short life cycle that are increasingly more customised and thus hard to manage using rigid and standardised work flows. Hence, what is called for is a **technology that can render "mass customisation" competitive.**

The need for change applies to the entire industry, from big industrial groups to small carpentry shops. SCM Group, with its great expertise covering the entire range of machinery and production processes, develops EASY & RESPONSIVE solutions for any target sector:

- For **Big Industries**, integrated cell systems easy to programme and reconfigure, equipped with advanced storage areas that take up little space and consume less material, less energy, less investment. Advanced automation and sensor systems tailor-made for each company to help it seize market opportunities. Intelligent production process control with line configuration which collects data and optimises it faster and more efficiently.
- For **Small Joinery Workshops**, automatic cells with fast set-up times and user-friendly interface, fit for non-specialised personnel, compact and lightweight. Cells that are made of standard machines, easy to adjust to changes, and with simple interlocking systems.

At SCM Group we call the production system EASY & RESPONSIVE because it can respond to the wide variety of requests for personalisation by end consumers, a system made of "intelligent" technological solutions that combine investment sustainability with an ability to reconfigure production flows – that is, agile, responsive and **ready for changes.**

**"CLOSE TO CUSTOMER", the European project with a view towards "Mass Customisation"**

**"Close to Customer"**, a project financed by the **European Union**, is a product of over three years of research work performed with the participation of, besides SCM, ten European partners, including leading companies in their respective industrial sectors as well as universities (including the Rosenheim University of Applied Sciences, Milan Politecnico and SUPSI University). The project is based on the concept of **"live on demand" manufacturing** – that is, totally automated – of furniture products that can be configured directly by customers using an app to fit, while visiting any specific shopping centre. It is all based on the **innovative Morbidelli Planet P800 machining centre** which can perform all the furniture machining phases – drilling, milling and edging – in tight production times, which the end-customer can dedicate to shopping.

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