SCM GROUP NEWS 2016

STRONG REASONS WHY

THE MOST RELIABLE WOODWORKING TECHNOLOGY
- 65 YEARS OF HISTORY
- 1° LARGE INTEGRATED GROUP WITH 15 SPECIALISTS BRANDS
- 500 REGISTERED PATENTS

AN IMPRESSIVE GLOBAL SERVICE NETWORK
- MORE THAN 1.000 SERVICE TECHNICIANS
- 20 FOREIGN BRANCHES IN THE WORLD
- 350 AGENTS AND DISTRIBUTORS

A WINNING WORLDWIDE REFERENCE FOR THE VALUE OF “MADE IN ITALY”
- 17.000 MACHINES PRODUCED ANNUALLY
- 500 ENGINEERS IN R&D
- 90% EXPORT

Secure your personal future prospects with high-quality machine technology and effective productivity: update your efficiency!

SCM GROUP specialists are highly qualified in the wood and plastics processing sector. This is why the company has been a reliable and experienced trade and industry partner for over sixty-five years. So why not reap the benefits of using such a solid and successful group. After all, a lot of what is now known as “state of the art” was originally an SCM GROUP innovation. If you want to learn about trendsetting woodworking technologies, which are both useful and a concrete benefit, you can find a representative cross-section of the group’s entire machine range at booth 303 in hall 10.0 on the ground floor at the Nuremberg “HOLZ-HANDWERK” and “FENSTERBAU FRONTALE” trade fairs, held between 16th and 19th March 2016. The main technologies on show will be on live demonstration. It is essential to make use of advanced machine technology at every opportunity so you are constantly in line with the times, as this will enable you to implement customer-specific solutions, and therefore guarantee productivity and peace of mind. The SCM Group’s perfect machine concepts make all this possible as they can be tailored to meet specific needs, while also offering superior reliability and production safety.

HOLZ-HANDWERK
Nuremberg
Hall 10.0
Booth 303
www.scmgroup.com

Scm Group invites you to Xylexpo,
Milan, 24-28th May 2016,
Hall 2 - Stand A01.
The SCM Group began selling classic standard joinery machinery in Germany as long ago as 1960. Since then, the company has established a firm position in the market as a woodworking trade and industry partner in the fields of CNC machining centres, wide belt sanders, and solid wood processing in general. Offering efficient services and spare parts delivery has always been a key factor in the company’s growth.

Creating close relationships with customers is a fundamental strategy for SCM Group. Service is a top priority and it has always been our philosophy to provide customer service directly, focusing on three main areas:

• pre-sales services - offering customers advice and support and helping them search for and identify effective solutions,
• during sales services - helping customers to develop and detail a best potential solution,
• after-sales services - providing commissioning, maintenance, repair work and the reliable supply of spare parts overnight.

SCM Group Deutschland currently employs around 60 staff members specifically for service and maintenance, and around 30 trained technicians for commissioning alone. So why not let a real specialist advise and inspire you with our latest products and innovations!

The Wels-based commercial enterprise, Handl Maschinen, was appointed as an agency for SCM GROUP products in Austria in mid 2015. The SCM Wood Division Director Luigi DeVito had always been an admirer of the company, and commented: “We wanted to enhance our presence in such a strong market as Austria. We knew Handl was a leading supplier in the market with exceptional service, and this meant that we could work together to form a long-term partnership.”

Peter Handl, Managing Partner of Handl Maschinen GesmbH & Co. KG agreed: “In the SCM Group, we have found a partner who can offer additional opportunities and solutions thanks to its wide range of products. Moreover, its innovative technologies are particularly attractive, especially in the solid wood processing sector, where SCM is traditionally strong, and with various new materials too. Having direct contact with specialists at the manufacturer’s plant is extremely important for us, as we often provide customised solutions that vary from standard machine types.”

The first indications of success appeared shortly after the acquisition of the distribution unit. High-performance Morbidelli and SCM machining centre brands began to be sold, thanks to special features such as the high Z-stroke, fully automatic tables, and machines with a grid table for processing both wood and aluminium. And of course, DMC wide belt sanders and Stefani edgebanders were sold to well-known Austrian companies.

Service Efficiency with a capital “S” and “E”:

The rapid availability of spare parts and a competent service are integral to Handl’s corporate strategy. This is thanks to 25 years of experience in the supply of spare parts, services, repairs and the maintenance of controlled machines.

Trade fairs: Handl will be at the SCM Group booth in hall 10 at the “HOLZ-HANDWERK” fair held in Nuremberg between 16th-19th March 2016. Plus: Interesting innovations regarding the processing of wood, aluminium and plastic can be seen during the Handl partner days in Wels on 7th and 8th April 2016.
YOUR PROFIT:

CNC machining technologies provide a high level of operating comfort plus greater efficiency

CNC machining centres have a long tradition in the SCM group. The pioneers of this technology are undoubtedly the legendary Morbidelli and SCM "Author" and "Record" series. From as far back as the 1980s, CNC machines have revolutionized this craft. Today, at the forefront of this revolution is the 5-axis CNC machining centre that is now available for all SCM Group machine types. Technical innovations only make sense if they are easy to manage, and the user can expect concrete cost advantages. Therefore, SCM offers a group of several machine series with different performances and design variants. Economic features as well as a high degree of operating comfort are always in the foreground, to ensure efficient and easy working every time.

SO THE CHOICE IS YOURS, BUT WHATEVER YOU DECIDE - A CONSISTENT COST/BENEFIT RATIO IS GUARANTEED:

• **SOM Accord 50 fx** - New and innovative, with 500 mm high workpiece passage!
  This allows the full potential of 5-axes technology to be exploited in different business sectors. Designed to meet high demands in processing of complex-shaped, large-sized components and design elements of wood, plastic or other high-tech materials.

• **SOM Accord 25 fx** - with the "Matic" table for fast set-up times of under four seconds!
  This flexible option offers important advantages for all processes including stairs, doors and windows manufacturing.

• **Multibordi "Planet Pr0"** - the multifunction working center for drilling, routing and edge banding. Designed to simplify the machining of shaped panels up to 600x600x900 mm.

• **Multibordi "Cyflex"** - the CNC drilling centre which occupies a space of less than 10 m², and boasts shorter cycle times than any other product available on the market.

CONTEMPORARY WINDOW PRODUCTION: WHETHER YOU PRODUCE A SINGLE WINDOW PER DAY, 20 OR 200 PIECES - THIS IS THE RIGHT SOLUTION FOR YOU

Choosing the "right" solution for a company also means securing its future as creating the right technological set-up for tomorrow’s world and operating profitably on the market. This is a very useful issue that the SCM group keeps constantly in focus when designing new machine concepts for window manufacturers. The SCM group therefore offers a wide range of solutions, and to a large extent offers for all areas of solid wood processing. "Solid wood processing" includes everything that is required to produce windows, exterior and interior doors.

• **Solution: SCM "Accord 25 fx"** - the entry level solution for flexible window production, including arch windows with and without automatic set-up table, designed for up to 10 units / shift. The new inking clamp with 140 mm height and 70 mm vertical stroke achieves accurate machining with double profile tests, together with processing of elements with different thicknesses, from 60 to 120 mm without the need of manual set-up on the automatic worktable of Accord 26.

• **Solution: SCM "Accord 40 dx"** - the perfect solution for automated doors and windows production with a capacity of up to 20 units / shift.

• **Solution: SCM "Degree"** - this machine operates like a large angle system with high efficiency in the smallest space of approx. 32 m². 8-axis flexible processing of energy-efficient and sustainable windows and doors. The elements are on all sides completely processed. So, tenon, tenoned and milled, lap- and external profiled. (20 units / shift)

• **Solution: SCM "Windex 60 / 100"** - the perfect solution for automated windows production with through fixed technology and a capacity of up to 80 units / shift, also for the single element production or a batch size 1.

• **Solution: SCM "System 5 / 8"** - if you need modern windows manufacturing with high productivity, then we have the solution for flexible production from 4 to 8 elements / bin, and therefore up to 200 units / shift.
MAESTRO: A TRUE MASTERPIECE

WORK PIECE-ORIENTED PROGRAMMING INTERFACE (WOP)

The new CAD/CAM “Xilog Maestro” software offers the user a highly intelligent solution. This easy-to-use software works quickly and easily, allowing virtually “anyone” to practically use the full benefits of 5-axis technology, as the machine is so intuitive and easy to operate. In addition to high productivity, the machine’s user-friendly design includes a reliable protection against faulty operation and/or damage caused by any incorrect settings. This highly functional operator interface for CNC machining centers with optional “Maestro 3D” modules for three-dimensional surfaces and genuine simulation “Pro View” software offers complete control and ensures that collisions and any consequential damage are reliably excluded.

SIMPLY BRILLIANT: MAESTRO - SIMPLY INGENIOUS

Another major feature of “Xilog Maestro” is the option of linking up to an industry standard software solutions provider. The choice of EDP options is as individual as the respective operating processes. And to ensure that the system can be hand-operated freely and allow the ideal software to be chosen (e.g. industry package, planning, time recording, etc.), the “Xilog Maestro” is also provided with an interface Package (MSL). This allows external, market-standard industry solutions to be adopted as well as letting other consolidated planning systems or specialist program providers communicate with the “Maestro” simply and easily. And if you wish, more complex APPs (machining) or automatic suction unit positioning for the machining centre are also available.

It’s what you’ve always dreamed of. Your quality of life is finally here!

Stop and think for a moment of all the many steps and procedures in body manufacturing. Every day, running machines involves combating numerous problems, including:

- Staff (Do you have enough qualified employees?)
- Auxiliary process times (Should processes be less or more efficient?)
- Delivery times (Does meeting them make life too hectic?)
- Quality (Being honest, should it be better?)
- Auxiliary process times (Should processes be less or more efficient?)
- Staff (Do you have enough qualified employees?)

If you are only dreaming about quality of life, then act now!

Now that building in wood is a genuine business prospect, the sector has become infinitely more challenging and competitive. This is hardly surprising as almost all of the individual customer requirements listed can only be met with exceptionally high-quality components. In order to exploit this market and the lucrative contracts that will undoubtedly be available in the future, it is essential to set yourself apart from your competitors, by highlighting company strengths and values and offering competitive prices.

This is why we have upgraded our state-of-the-art technology for this sector.

“3” IT’S A MAGIC NUMBER IN TIMBER CONSTRUCTION

Timber assembly operations play a major role in the performance of a timber construction company. And it can be done with just three employees and three performing machines:

- The 6 interpolating axes machining centre “Oikes” processes cut lengths, rafter, purline and laminated beams according to customer requirements in a continuous process. The universal machining of all work piece sides is possible with the 6-axes machining unit.

- The 5 axes CNC machining centre “Area” for curved glue beams and wall elements with dimensions of up to 3,500 mm, working heights up to 500 mm and working lengths up to 18,000 mm and 24,000 mm.

- The automatic throughfeed moulder “Superset NT” with six spindles at 8,300 rpm and an HSK quick tool-change system with a maximum working height of 220 mm and a working width of 260 mm. The spindles are positioned quickly and accurately using the touch screen control.

The perfectionist, Harald Fleischmann, has chosen these machines for purely pragmatic reasons: “SCM is one of the first manufacturers and has many years of relevant know-how and experience in the CNC-controlled five-axis technology for wood processing. With these three machines we can perform just about all the processing variants we need, including creating curved elements without any special effort. Together with a number of other machines from the SCM Group wide product range and their many innovative features (like the circular saw SI 550 and the thickness planer S 6300) our production plant is now well prepared to face the future.”

Highly efficient Start Up on cutting-edge technology!
EDGES, the neverending story

Complete and fully automatic processing even with the smallest machine

This SCM group offers complete and fully automatic processing system for edge banding to handicraft companies. All the basic machine versions of the compact "Olympic" range are equipped with all the necessary for an efficient edge processing.

From the "Olympic K 100" to the "K 230 Evo" and "K 360" there is a complete range of entry-level solutions for craft processes with all necessary working units, requested today, such as premilling, edge scraping and glue scraping, for the complete edge processing.

This highly popular "Olympic K 560 HP" version as well as the bigger "Olympic K 800" can be both equipped with the newly developed "SGP" glue.

This means: gluing processing with EVA and PU glue together with automatic glue changeover without glue pot exchange.

State-of-the-art cutting depends primarily on the operating requirements in question. To meet certain requirements, an angular system can be used with higher performance for large-cutting quantities from the "Galaxy" series and with the new "Hi-Tronic" saw carriage by Gabberts. Alternatively, to satisfy other needs - one of the panel cutting variables can be used, like the SCM "Sigma" series for separate daily panel sizing. And for anyone wanting a complete handling materials system there is the fully automatic high-performance cutting system from Marrinet, the SCM group handling specialists.

There are also new technologies in both the "Galaxy" series as well as in the "Sigma Prima and Impact" saw variants that are well worth a detailed information.

**HIGH-SPEED EDGEBANDING FOR HEAVY DUTY REQUIREMENTS**

The "Solution" range of single sided edge banders is specifically designed for industrial and top level craft requirements. It is available in four different models for different performance classes. Feed speed: 35 m/min. consistently, even with corner rounding processing. Up to 36 controlled axes ensure an automatic panel shaping managed by NC.

In the same way, the panel and edge changeovers and tool positioning has fully automated functions with radius changeover and tool positioning correctly and can be clearly identified in the following processes.

**BATCH ONE PANEL PROCESSING: WHY NOT CHANGE TO THE STATE OF THE ART CUTTING NOW?**

High precision glue application and finish processing of the edged workpieces. The operator can also program any necessary machining on the control panel.

**FLEXSTORE S**

FLEXSTORE S for an effective cutting process cutting

The "Galaxy" series offers a range of different performance variants and capacities, including fully automatic processing cells for high production rates. The new "Hi-Tronic" saw carriage ensures an extraordinarily high degree of productivity and optimal cutting quality. It is ideal for splitting individual panels as well as panel packages, especially when combined with the 3 axis storage system "Flexstore" - a blank cell with a high capacity magazine and various storage and dimension stations that feed the panel saw directly. Equipped with a suction portal arm at the home position, this machine picks up the loaded panels at the initial position and loads them automatically into the magazine.

At the centre of the sizing installation is the modular system "FlexCut" that ensures maximum productivity. "FlexCut" consists of mobile unit with independent stroke from the main pusher, fitted with two grippers where the second can be excluded. This enables highly complex patterns and multiple formats to be used in an integrated cutting sequence that is processed extremely quickly. Even randomly organised longitudinal and cross-cutting are possible.
Today, what was once wishful thinking has become a concrete, trouble-free reality. We are looking beyond the design of a vast range of completely individual surface effects from high-gloss finishes on transversal or longitudinal wave surfaces to carefully structured or saw cut effects. Even realistic natural effects and antique-looking wood finishes with woodworm effects can be created. With our brand new adjustable blade units, cutting depths and speeds can be changed. So, for example, you can create the effect of an irregular surface that is produced using a band saw. Whereas, if the workpiece requires a “hand-crafted” look (with a length or crosswise wave cut, profiled surface, or like woodworm), simply switch the corresponding units and the result will be perfect!

The new “Sandaia 900” with up to four work units provides an optimal surface that will satisfy even the highest requirements. The optional super finishing unit has an interior lamellar belt for the paint finishing. This offers perfect “automat” results due to the high tolerance compensation and permanent cooling of the sanding belt. The intuitive “logic 3C” control with its innovative graphic user interface allows all the work program processing parameters to be stored and quickly retrieved as required. This machine also means that sanding is no longer a problem for the less experienced.

In the modern “System” series there are three versions to choose from. This allows all units, including crossbelt units, positioned on a rail system virtually at any point, to accurately adjust the grinders to the respective requirement criteria. There are working widths 650 - 1350 - 1650 - 2200 millimetres which can be equipped with up to twenty units. In addition to “normal” facades, such as perfectly collimated steel rails, different rubber sanding roller designs, roller unloading sanding combinations, electronic sectionalising sanding packs (patented) and other sanding pack units there are also a number of “Special Features”. These include a planner shaft for levelling hardwood (an option that also includes a internal lamellar belt for the paint finishing. This offers perfect “automatic” results due to the high accuracy by simply touching a button.

A smart glance at the history of SCM’s long-standing relationship with this successful window and door manufacturer shows immediately why this ambitious business move is so happy. After all, this family business, which is now run by Anton’s son, Josef, currently boasts a production area of no less than 1300 m².

1989: The company was founded in a 500 m² workshop area with the purchase of standard SCM machines, a circular saw, a surface planing machine and a table sawing machine.

1990: Purchase of the first SCM “K-Method” window production machine, and simultaneous extension of the workshop area to 1000 m².

1994: Purchase of the first SCM “K-Method” window production machine, and simultaneous extension of the workshop area to 1500 m².

2000: Extension of the workshop area to 2000 m².

2001: A second “K-Method” window machine is purchased and a larger wood storage in the workshop is added.

2002: The long-serving surface planer and thickness planer machines are replaced with current SCM types. The 3D SI 450e and the 3C 6500 plants can also be used for wide panel house doors and other processes.

2014: All and “K-Method” window machines is purchased in order to process the various profile groups available in the window market.

2015: A trendsetter, SCM “SiX” & “40°” format circular saw is purchased with swivelling saw blade and “Full Support” frame for processing规矩 and diagonal elements and customised winter garden corner features efficiently and precisely.

We would like to cordially thank you Mr Anton Küblböck for his supreme confidence in SCM and his future-oriented decision-making. And we would also like to wish his son Josef every success for the future! You can rely on SCM anytime.

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SCM - THE LARGEST SELECTION OF CLASSICAL MACHINES ESTABLISHED TRADITIONS AND STATE-OF-THE-ART TECHNOLOGY

“Univincible” is the trademark that launched SCM worldwide success story back in 1952. And today, this machine series is still a treasured in the industry. Packed with high-tech, innovative solutions, these machines still play an important role in current production lines. “Univincible” is a symbol for the SCM group’s superior performance.

More than 50 different models are available, including the classical machines in three independent series: “Nova”, “Class” and “Univincible”.

These machines offer:
- Spindle moulders, there 45° tilting blade with innovative “Compex” and “Full Support” frames, the ideal solution for all complex miter and compound cuts.
- Thru-passes with brushing control, electronic thickness profiling, adjustable feed pressure, and electronic power consumption monitoring during chip removal.
- Combined surface and thickness planing machine that shifts from one process to the other with a simple click.
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Mini work centre: Staritech CN

Another important new entry is the “Startech CN” for drilling and grooves. This machine takes up only 4 m³ and can be integrated as a modular production line. With the Easy-logic control, the machine can be programmed quickly and intuitively.

With 7 vertical spindles, 3 horizontal spindles and a grinding saw all adjustments can be made precisely and accurately in a very short time with absolute accuracy by simply touching a button. The ideal solution for the smallest perfectionists.

TODAY, SURFACES ARE DESIGNED, NOT MERELY SANDED
Customer care is our Commitment

SCM Group provides a service that goes beyond the purchase to guarantee long term performance of its clients’ technological production system.

OVER 1,000 TECHNICIANS ACROSS THE WORLD
A network of trained and constantly updated professionals provides a first hand, concrete and highly efficient support service.

A COMPLETE RANGE OF AFTER-SALES SERVICES
• installation and start up of machines, cells, lines and plants
• tailored training programs
• telephone support to reduce times and costs due to stopped machines
• preventive maintenance programs to guarantee long term performance
• complete overhauling of machines and plants to renew the added value of the investments
• custom upgrading to update machines and plants and meet new production requirements.

Anywhere in the world, quality in record times.
SCM Group can count on 140 spare parts professionals worldwide to meet any request with real time shipments.

36,000 SPARE PARTS
Our spare parts inventory, with a value of 12 million euros, covers every single machine.

SPARE PARTS GUARANTEED
We guarantee also hard to find parts, with 3.5 million euros invested in “critical” spare parts.

IMMEDIATE AVAILABILITY
Over 90% of orders received are carried out the same day thanks to the huge inventory available.

6 BRANCHES AROUND THE WORLD
The spare parts service can count on worldwide support (Rimini, Singapore, Shenzhen, Moscow, Atlanta, Sao Bento do Sul)

500 SHIPMENTS A DAY

THE SPECIALISTS IN THE WOOD INDUSTRY
Scm Group has been designing, building and distributing technologies for the woodworking industry since 1952, from the furniture to the nautical sector from the building industry to door and window frames.

For over sixty years we have been in partnership with companies across the world, from large industrial giants to the smallest craftsman. Stories, people, situations and skills that have allowed us to become what we are today: specialists in the wood industry.

The group includes many “specialist” brands that are the reference point for every wood working process: Gabbiani, Stefani, Morbidelli, Routech, SCM, Celaschi, Dmc, Superfici, Sergiani, Mahros, CPC and Minimax. Each one of them highly specialised in their field and capable of resolving specific situations, with people that know and express all their knowledge and skills.