

COSTA LEVIGATRICI
THE WORLD OF SANDING AT XYLEXPO

Costa Levigatrici spa is a world-leading manufacturer of **automatic sanding equipment** for the treatment of wood, metal and hard surfaces. For over 50 years, Costa has been offering high quality sanders with unchallenged level of reliability, a commitment that continues through investments in innovation, manufacturing and after sales services. As per tradition, Costa Levigatrici will join the biennial Xylexpo exhibition that is considered a key event on the international trade fair scenarios. This year Xylexpo has returned to grow in size and will include the Hall 4; this makes the company confident of the great results they can potentially achieve. Costa Levigatrici will display different types of advanced and high performance machinery for all types of companies, from the craftsman shop to the production of the top range machines and will bring the total covered area to 19,000 square meters.

Hall 1, stand C01-C02.

www.costalev.com



SAOMAD 2
FORTY YEARS OF ACTIVITY



This year **Saomad 2 srl** celebrates an important goal: forty years of activity in the European woodworking machines market. At the Xylexpo 2018 exhibition they will present the **"Woodpecker 15"** Cnc wood-working center, a robotic cell for the machining of standard and special doors and windows. Perfect solution for medium-sized industries that need to work in a flexible and automatic way.

Fully automatic productive cycle and dimensional control of all pieces before machining. "Woodpecker 15" works avoiding the operator's continue presence. "Total real time" concept allows more daily shifts maintaining unchanged reliability and executive quality. Low tooling times guarantee high performance. Saomad 2 studies the ideal solution to satisfy any production requirement.

Hall 4, stand B45-C44.

www.saomad.com

MACMAZZA
FORTY YEARS OF FLEXIBLE PANEL SAWS

Specialist since 45 years in any type of panels' cutting, **Macmazza** exhibits one model of the **Flexible angular systems** range, solutions generated by the mechanical connection of 2-two beam saws and the last generation electronics. The result is doubling production in series of any single cutting line, but also keeping the flexibility of 2-two independent machines with small lots/orders and so guarantying the best Optimization of the waste by complicated cutting patterns more easy and fast profiting of 2-two independent but connected cutting lines at the same time, that can work together at the same complicated order or separately two orders/cutting programs.

Connecting a rear loaded beam saw together with a cross cut saw (even for post forming, pre-edged panels) Macmazza had already used the deep dedicated range and experience also of end users to manufacture a sort of semiautomatic, more compact and convenient Angular System. Nowadays this experience supported by the new electronics and software know how, in particular last instruments supplied by the Schneider Digital can open technologies, has generated a very full range of Flexible angular systems solution **"Top Saw N E"**.

Provided with automatic loading by lifting table or even by automatic an chaotic storage, as automatic unloading systems, are suitable for industrial customers having large quantities to be produced and equivalent space and budget addressed to produce several full trucks of cut panels per week by cut height up to 8x18 mm = 150 mm panels, on the other side always requiring to keep the modern flexibility of 2-two single line cutting machines, so able to work on line with minimum manpower big as small and flexible orders normally generating complicated, as waste saving, cutting patterns

Same solutions can be addressed to customers with less needs, lowering the height of cut to 6x18 = 110 mm, with or without auto loading/unloading systems, by custom solutions in terms of cutting exact panels' size, available space even for the front rotation tables (Macmazza patent to use one operator, only according CE rules).

The Flexible angular system more space and cost saving with height of cut 72 mm (4 panels of 18 mm each) on the first beam saw can be connected (even in the future) to a second transversal beam saw cutting 110 mm (6 panels, overloaded each other when with same cross cut) so to obtain double series respect to any single cut line machine, anyway able to cut double faster



even optimized so complicated cutting patterns at five cut levels (p,x,y, z and w) over two independent beam saws performing different cuts contemporary on same panels, as front double space/ air flotation+rollers tables will be used better to load, handle, easily rotate strips to cross cuts, head-pre cuts parking for not heavy later recycling, not needing loading/unloading over/ from the floor...in fact two beam saws are cutting same complicated program, or even two different orders, at the same time, by same or two operators, according availability and speed needs! same angular solution could therefore be the most productive for a carpenter/small industry, but even the most flexible inside a special/ small lots Area of a bigger series industry... according any space, customizable need, manpower and budget available.

Obviously this hi technological level guarantees all economical facilities of Industry 4.0 and so, the real better Informatics' Organization even **"Just in Time"** connecting office cad design and managerial software in network with the beam saw pc, so able to generate custom labels managing all the following different machines on line, as managing storages of master, cut and recycled panels as all the factory's job anyway processed by orders coming from offices through the Hi Tech Beam Saw's Brain.

At Macmazza' stand will be also demoed the New Vertical Panel Saw space saving **"TS V"**, connectable to same Pc and software of all other Macmazza horizontal beam saws, therefore Top technological level guarantying all facilities and practical advantages of Industry 4.0, as above explained.

Provided with automatic grippers and saw carriage positioner to guarantee cut quality by scoring blade standard and precise tolerance visualized as exact measures over digital displays positioned in rip and cross sections, so needing one operator only.

Hall 1, stand Q19.

www.macmazza.it

COMEC GROUP WOODWORKING SOLUTIONS

COMEC FRONTAL CN series

MULTI-PROCESS WORKING CENTRE EQUIPPED WITH 6 WORKING STATIONS, 17 WORKING UNITS, LOADING/UNLOADING AUTOMATIC DEVICE AND PIECES' RETURN SYSTEM. MACHINE FITTED FOR THE FOLLOWING PROCESSING: PIECES' CUTTING / MILLING / DRILLING / PLANING / DOWEL INSERTION.

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