

OMGA®
WOOD be nice.



Release 2024

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OUR VISION

DIERREGI S.r.l., manufacturer of Industrial Machinery for Woodworking, continues the tradition of over half a century, of the OMGA brand.

We aim at maintaining and improving the market position of an historic brand already popular worldwide and known for its cutting-edge technology, product quality and high standards of service.

MANIFESTO

Our attention to the market trends, continued research of our customers' needs, along with the structural growth of the past years, brought us to a better definition of our offer on the market, increasingly geared to specialization.

Specialization defined specifically towards Optimizing Saws and other sawing machines for straight and miter cross cutting .

A world map with a blue landmass and grey ocean. Two red downward-pointing triangles mark specific locations. One triangle is in North America, labeled 'South Bend, USA'. The other is in Europe, labeled 'Carpi, IT'.

HEAD OFFICE

South Bend, USA

Carpi, IT

All our machinery is designed and manufactured at our HQ in Carpi (Italy), the heart of a globally recognized district for woodworking machinery industry.

Through our USA subsidiary we guarantee service and sales support to our customers in North and Central America.

OUR PRODUCTS



PUSH FEED

High speed automatic and programmable cut-off saws for optimized cutting and defect removal.

The high speed (from 60 m/min up to 240 m/min), the last generation NC and the very accurate positioning of the work piece ($\pm 0,15$ mm) make the OPTIMA line, the ideal solution for those looking for maximum accuracy and great productivity.



T 2020 NC

THROUGH FEED



High speed automatic and programmable cut-off saws for optimized cutting and defect removal of wood.

Particularly suitable for high production requirements given its maximum feed speed of 240 m/min. The drive rollers with corresponding top pressure rollers are able to compensate for dimensional variations of rough mill stock.

Cutting tolerance of +/- 1 mm/m

V CUTTING

Fully automatic V-cutting systems for wood, plastic and aluminum profiles.

Touch Screen control with PC user interface and network connectivity.

Complete with automatic vertical or horizontal hopper feeder and out-feed conveyor with kickers.

Ideal for high production situations for window, doors, kitchen cabinets mouldings, ventilation components, as well as any linear material with high volume mitre cuts..

The V line is completed by manual feed models which may be complemented with electric positioning system.



THE FINE POSITIONER



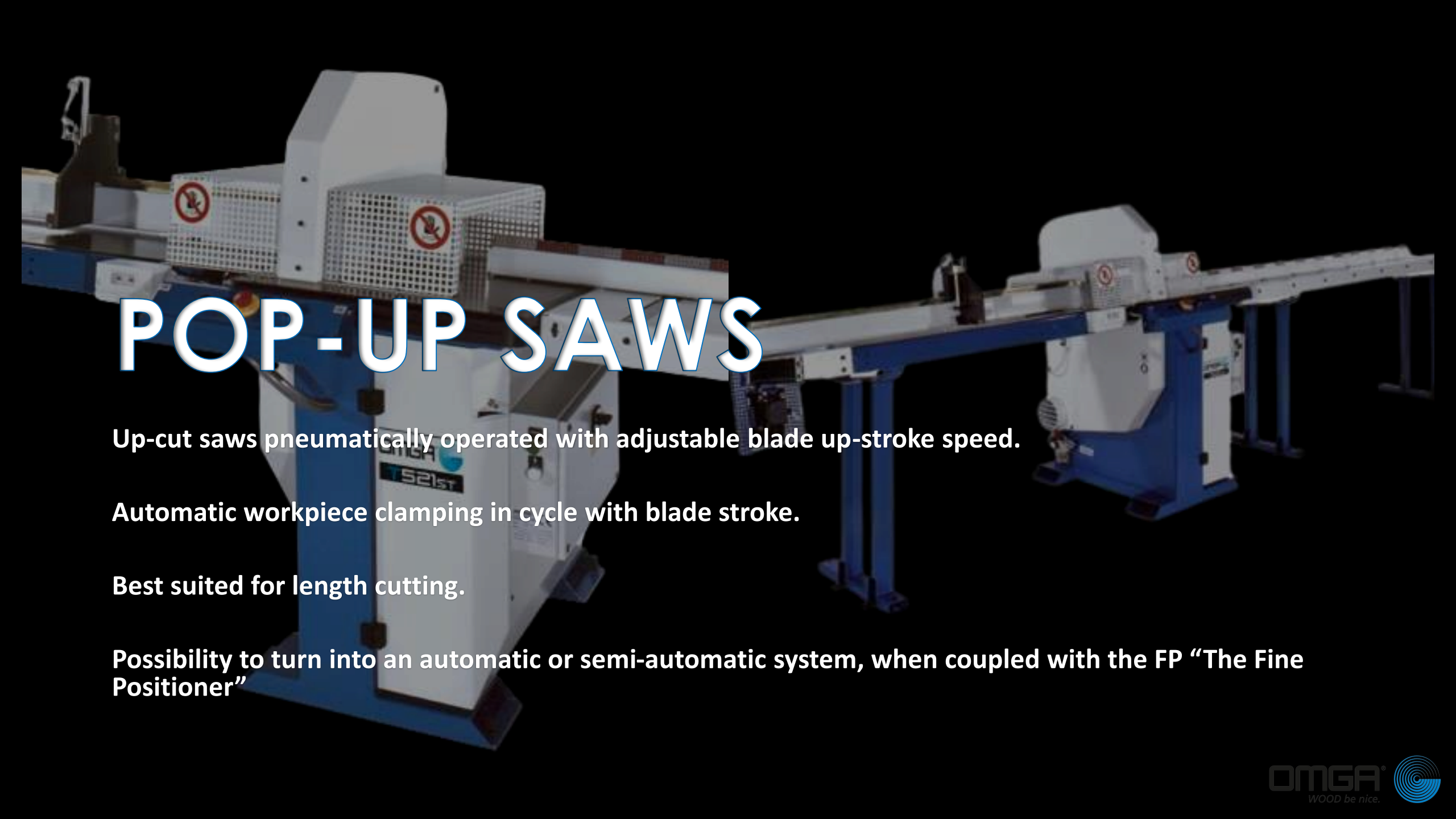
Numerically controlled stop and positioning system with up to 6,700 mm useable length suitable to be paired with any type of equipment where accuracy and reputability of the length, is required.

It can be used in conjunction with a variety of machines such as pop-up saws, radial arm saws, table saws, drills, mitre saws, double mitre saws and others.

Used as a gauge, it eliminates the need for the tape measurements, improving accuracy and the productivity.

Used as a pusher, it can really turn a simple manual machine into a truly powerful manufacturing cell.



The background of the slide features two industrial pop-up saws. The saw on the left is a smaller model with a white upper housing and a blue base, with the label 'OMGA TS21ST' visible. The saw on the right is a larger model with a similar color scheme. Both machines have a long horizontal table and a vertical blade assembly that can be raised or lowered. Safety warning symbols are visible on the left side of the smaller saw.

POP-UP SAWS

Up-cut saws pneumatically operated with adjustable blade up-stroke speed.

Automatic workpiece clamping in cycle with blade stroke.

Best suited for length cutting.

Possibility to turn into an automatic or semi-automatic system, when coupled with the FP “The Fine Positioner”

RADIAL ARM SAWS

Heavy duty radial arm saws with cast iron arm

Crosscut capacity up to 1,350 mm

Steel sliding tracks, easily interchangeable.

Cutting unit sliding on 8 ball bearings with dust scrapers.

Available also in semi-automatic version, featuring air-over-oil cylinder

SINGLE MITRE SAWS

Heavy duty precision single mitre saws for wood, aluminum and composite materials cutting.

Solid cast iron base and structure

The rotating table rotates on axial roller bearings for maximum smoothness and accuracy over time.

Positive stops for all the main angles.

Belt driven powerful induction motor.



DOUBLE MITRE SAWS



Double mitre saws for wood, plastics and aluminum cutting.

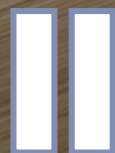
Fitted with one fixed head on the left and one moveable head on the right. The traverse could be automatic via NC, or manual.

Positive stops for all the main angles are standard on both heads.

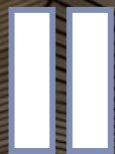
Cast iron structure.



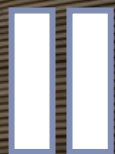
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