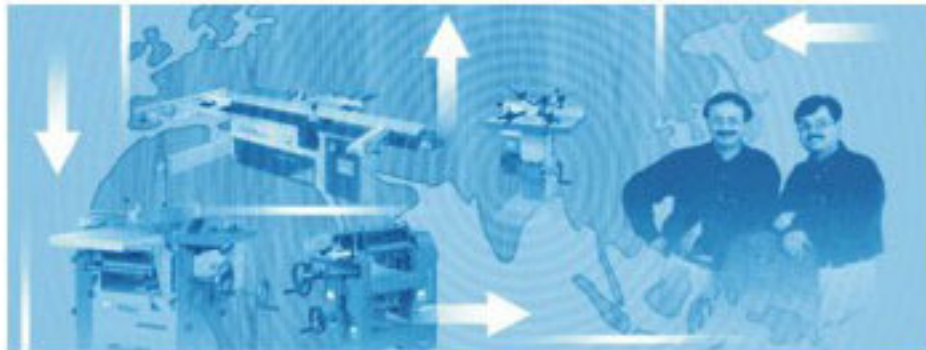


The Biggest Machine Mall For Panel & Wood Industry



The industry-leader in India is well-equipped to offer you the best all round deal



Jai Industries was established in 1965. Within a decade it acquired regional leadership for its wood-working machinery and soon, the national leadership. Today it manufactures and sells 10 times more machines than its nearest competitor. Due to Jai's quality, reliability and competitive price it has become the most preferred choice in the wood working industry. The range includes over 150 models of Combiplaners,

Thickness Planers. Surface Planers, Moulding m/cs, special Design m/cs, Wood Saws, Mortisers, tenoning m/cs, Sanders and various job m/cs.

With its well organized dealer network all-over the country, Jai machines are easily available in all the nooks and corners of the country. After the new millennia of year 2000, the company has made its presence felt in the global markets. Already, Jai is a known brand in whole of the Gulf region, many an African and South American countries including complete Indian sub-continent.

Jai Industries has well equipped manufacturing facilities, which

span across an area of 10,000 sq. mtrs. Qualified, trained and skilled work force total over 500 people. Professional management and information systems are in practice and reviewed quarterly. Over the period, Jai has more than 200,000 WudPro machines installed at various customer's end; which have been working satisfactorily. In line with the all compassing vision of leadership through innovations and growth, Jai has technologically improved the range last time around and has rechristened this solid wood machinery as "Wudpro". It constantly adds machines and models to its already the widest range of machines for all applications. Stringent quality measures are in place from design to manufacturing and testing to dispatch. A well defined quality assurance plan backed by systems ensures that each and every Wudpro machine being shipped, perform in consonance with its promise.

World-class panel processing, made easy & cost-effective



Jai Modula

World-class panel processing m/cs

to spend unreasonable amounts on installing the needful machinery, which made the whole process costly. Now Jai Industries, with it's

These JAI-Modula machines along with European SCM range are available through a highly specialized dealer network of Jai Industries. Also, Jai has launched a unique conceptual 'International Pan' 'wood Machine-mall' for the purpose of providing concentrated and efficient sales outlets and service to these customers. For the buyers of such machineries, it is like an opportunity to select from plenty of choices on offer at a 'Machine Mall'. Modula offers wide range of machines in each segment to suit your need and budget.



Jai e scm

European panel and wood m/cs

Around the year 2000 it recognized the need and entered the field of machinery for panel process industry, with the brand name "Modula". It succeeded and to expand the offering, the

After the new millennia of year 2000 Jai ventured in to it with new brand "Modula". Today modula has grown to a very big stable of world class machinery.

India is fast catching up with the world in executing giant interior projects in record times. Till now the problem was getting suitable machinery. Panel industry had

manufacturing and marketing muscles, making global machinery available locally at affordable Indian cost; the industry norms have changed dramatically! Jai's expertise and experience of 40 years combined with it's huge capacity and honesty ensures the perfect machine, beneficial deal and reliable service support to all buyers.



company established sourcing of quality machinery from all over the world. Thus, the coming together of two leaders of respective countries happened. SCM group of Italy and Jai Industries of India joined hands to make available, the world best European machinery in this part

	<p>Postform</p> <p>model : J-2400</p>	<p>Spindle Moulder</p> <p>model : J-3400</p>	<p>Edge Bander</p> <p>model : J-3000</p>

of the world.

In addition, Jai has launched a unique conceptual 'International Pan' 'wood Machine-mall' for the purpose of providing concentrated and efficient sales outlets and service to these customers. With this, the panel process industry norms have changed dramatically! Jai's expertise and experience of 40 years combined with its huge capacity and honesty ensures the perfect machine, beneficial deal and reliable service support to all buyers.

SCM Group is one of the giant manufacturing conglomerate, producing wood-working machinery for 50 year now. It represents the nucleus of various companies under SCM identity. A total of 3000 employees work for the group, assuring faultless production and precision performance of millions of machines. With 18 factories, 23 subsidiaries and an export of 70%, SCM is one of the world's top producers of woodworking equipment.

SCM produces in premises certified according ISO 9001 standards, the widest range of machines and models for secondary wood working, from machines for small companies to CNC work centres, to high production integrated lines. The Group has its own division specializing in the design and manufacture of electrical, electro mechanical and electronic equipments. Two SCM foundries, leaders in the Italian markets, produce the small, medium and large size castings required for the SCM machines. Also, one of the company specializes in the structural steel works.



The company has entered in to strategic alliance with Jai Industries in India to be able to cater to India-specific demands. Group's specialized technicians, combined with regional partners are able to supply an efficient and rapid after-sales service to SCM customer because full use is made of a system of remote

computerized diagnostics. A machine from SCM is your guarantee of ultimate machine quality and finest wood work possible!

JAI SCM Cyflex F900 CNC Universal Boring & Grooving Centre

JAI SCM Cyflex F900 CNC Universal Boring & Grooving Centre “Capable to carry out all horizontal and vertical boring and grooving on various types of materials: chip-board, mdf, plastics and light alloy”

Why Choosing Cyflex F900? ▶ It carries out all boring operations ▶ It carries out groovings ▶ No operator's intervention for worktable tooling ▶ Very compact overall dimensions.



- Very High Flexibility: Boring unit with spindles & independent blade unit. Panels length from 150mm up to more than 3,000 mm and width from 70mm up to 900mm. Five sides boring operation & top side grooving operation.
- Very high productivity : Always ready to carry out all machining type. No manual adjustment & intervention when changing

working panel dimensions. Automatic Optimization

- Very high precision: Digital NC with PC-Office. Xilog Plus Operator interface. Brushless motors, guides and ball screws on all axis.
- High level quality and technology with the bakelite worktable which grants a perfect alignment, stability and lightness. Side worktables with fire retardant and anti-scratch FLOTEX coating.
- Worktable with side extensions for a reliable & precise support of the longer workpieces.
- Easy of use & very high power with Xilog. The same software installed on the routing machines with options as: telesolve, CAD/CAM software, software for cabinet design.
- Safety enclosure on working unit instead of floor mats. Dust extraction on the base

JAI Turanlar T-AE 221 Curvilinear Edge Bander (auto)

JAI Turanlar T-AE 221 Curvilinear Edge Bander (auto) “A unique m/c with unprecedented capability of edge banding the curved panels”

T-AE 221 Automatic Edge Banding Machine glues the edge materials (PVC, ABS, Melamine and Veneer) with hot-melt adhesive and then applies on to the straight or curved

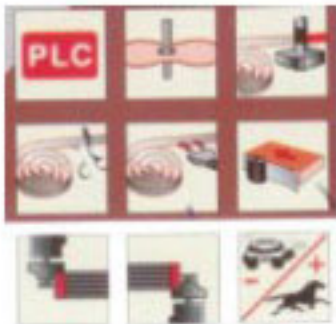
edges of the boards, such as chipboard, whose edges are cut in geometrical shapes or MDF by applying pneumatic pressure and trimming automatically.

The machines' control and operation system



have been designed PLC based. With its multifunctional design, it operates much faster, when we compare it to manually operated machines, and it also provides high quality banding and trimming processes. Its use requires less effort for the operator.

When it comes to price of the machine which provides comprehensive processing of panel, it's worth to say that the machine has optimum cost to performance ratio.



OPERATION OF T-AE 221:
The machine consist of glue applying unit, banding unit, trimming unit, control panel and panel rotating unit.

□ **Glue Application Unit**

PVC, ABS, melamine, and veneer edge materials are perfectly glued with hot melt



glue. Gluing unit provides optimum gluing quality even under unfavourable conditions. Glue basins are covered with the special



aluminum chemicals for high performance in high temperatures.

□ **Edge Banding Unit**



The unit is composed of two parts:

1. Two silicon rollers which are used for applying band to board, band guiding and heater unit.
2. The unit which drives the board.

These two units work simultaneously and are coordinated with each other.

The board is put onto the rounding table. It is pressed with the upper pneumatic press.



The edge band is cut at the length according to the board shape automatically. It is applied to the board by means of silicon wheels and pneumatic pressure. At the same time; the glue on the edging material is activated again by heat from the hot air blower which starts to get cold during the process.

The banding speed varies at the turning points of the board and increases up to the maximum speed at the straight edges. The process could be stopped by pushing the button on the unit control panel. When edge banding process is running, speed of the machine can be adjusted manually with the potentiometer on the control panel.

□ **Trimming Unit**



The trimming unit's operation is automatic and similar to that of banding unit's. The trimming unit is used for cleaning the overhangs at top and bottom sides of the board. The trimming unit is programmed for rotating the board and for the operation of the trimming motors. The guiders follow the board from the top, while the trimming unit cleans the overhangs of edges by adjusting its position according to the board edges.

While banding and trimming units are being operated, board is rotated automatically by each unit. There is no need to thickness



adjustment for boards of different thickness. The thickness is adjusted automatically by the machine.

SAMPLE BOARD



Jai Industries

Panwood Grand @ the Corporate Head-Quarters:

Nr. Soni's Chawl, Old Odhav Tolnaka,
Rakhial-odhav Main Road, Rakhial, Ahmedabad-
380 023.

Gujarat, INDIA. Ph. : 91-79-22911400 \900 \990.
2291 016 \94.

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