



كاليرس للصناعات ش.ذ.م.م.
Calibers Industry LLC





About Calibers Industry

Calibers Industry was formed in the year 2013 with the sole purpose of establishing a world class interior, fit out and Joinery/Carpentry factory in the region to cater the various needs of the discerning and quality conscious clientele. Since then, the company has grown many folds and ever since, it has served main customers within the Middle East to their fullest satisfaction. Its numerous and diversified successfully completed projects are a living proof of the company's performance in the areas of interior, fit outs and joinery works.

Calibers Industry is one of the most modern and sophisticated accredited interiors, fit out and Joinery Companies in the region, and has one of the biggest plants for joinery, carpentry, upholstery and furniture manufacturing facilities in the region. The plant, located in Dubai Investment Park, occupies an area of 1,000 square meters. This huge purpose built plant attests to a commitment to quality craftsmanship and professionalism by the group. Fully air conditioned and fitted with an exhaust system to provide a dust free environment, the plant is equipped with a comprehensive range of latest state-of-the-art machinery, which makes the company one of the most efficient, advanced and sophisticated companies of its nature in the gulf region. Manning this facility is a 100+ technically versed multi-national work-force that includes 12 executives consisting of managers and engineers, who have been carefully selected for their expertise and skills. This amalgamation of the best infrastructure with the finest skills and talents ensure that, the company delivers the highest quality standards within the tight and demanding schedules, thus achieving the ultimate client satisfaction.





Our
equipment



Band Saw Machine

Centauro SP 800 – Made in ITALY

Description of Production

A bandsaw is a power tool which uses a blade consisting of a continuous band of metal with teeth along one edge to cut various workpieces. It's also a useful machine in a woodworking shop. The band usually rides on two wheels rotating in the same plane, although some bandsaws may have three or four wheels. Bandsawing produces uniform cutting action as a result of an evenly distributed tooth load. Bandsaws are used for woodworking, metalworking, or for cutting a variety of other materials. They are particularly useful for cutting irregular or curved shapes, but can make straight cuts

General features

- The bandsaw frame is of welded steel.
- The disc-type wheels in cast-iron are expertly balanced.
- Cast-iron table tilting up-to 45° (20° CE) to the right.
- Table fence in cast iron.
- Total blade protection.
- Automatic braking of wheels (CE). Footbrake for Non-CE version, except SP 400.
- Motor protection switch with release coil (CE).
- Key-locking doors.
- Sawblade tension indicator.
- Bottom blade guide with wooden inserts.
- Cleaning brush on bottom wheel (CE).
- Sawdust hood

Specification

- Diameter of Saw wheels 800mm.
- Max. Cutting Height 450mm.
- Max. Cutting width 780mm.
- Table Size 710 x 1030.
- Motor power 4HP.

Quality of Production:	Electric Consumption:	Capacity:
Excellent	4 Kw P/hr	50 Mtr P/hr





Surface planer

Nova SCM F 520 – Made in ITALY

Description of Production

A Surface Planer is a machine used to produce a flat surface along a board's length.

General Features

- Perfect surfaces, practical and safe, ergonomics.
- Upper control panel, easy to reach by the operator.
- Overload switch protection.
- Automatic brake on motor.

Specification

- Working width 520mm
- Number of knives 4
- Main motor power 5kW 7hp
- Cutterblock speed 5000rpm

Quality of Production:	Electric Consumption:	Capacity:
Excellent	4 Kw P/hr	30 Mtr P/hr





Circular saw with tilting blade

SCM SI 350 Class – Made in ITALY

Description of Production

A circular saw is a power-saw using a toothed or abrasive disc or blade to cut wood using a rotary motion spinning around an arbor. Circular saw blades are specially designed in cutting wood are specifically designed for making rip-cuts, cross-cuts, or a combination of both.

General Features

- Very high cutting quality thanks to the sliding table structure with special ground-arch steel guides.
- Torsional rigidity and total absence of vibration through the closed loop structure of the saw unit which ensures perfect alignment of the blades.
- Manual movements: always user friendly and precise. Every minimum hand wheel movement corresponds to a precise blade adjustment.

Specification

- Squaring capacity with carriage and extended stop mm 3200x3200
- Main blade rotating speed mm 350
- Cutting height at 90°/45° mm 118/81
- Main blade motor power Hz 50 kW (HP) 7 (9,5)
- Scoring blade motor power Hz 50 kW (HP) 0,9 (1,2)

Quality of Production:	Electric Consumption:	Capacity:
Excellent	6.5 Kw P/hr	10 Doors P/hr





Radial Saw

Maggi Radial Saw BIG 800 - Made in ITALY

Description of Production

The MAGGI BIG 800 is an industrial 14" Radial Arm Saw with longer cross cut, designed to best suit the need of flexibility of cabinetry shops, furniture and frame makers and sawmills.

General Features

- Predisposed for air suction.
- Self-braking motor with overload protection.
- Complete with blade guard with anti-noise system.
- Arm and base made of cast-iron.
- 8 carriage bearings.

Technical Specs

- Blade diameter 350mm
- Shaft dimension 25x80mm
- Table dimension 1145 x 1860
- Maximum cut depth 10mm
- Maximum height of blade from table 70mm

Quality of Production:	Electric Consumption:	Capacity:
Excellent	3 Kw P/hr	30 Pcs P/hr



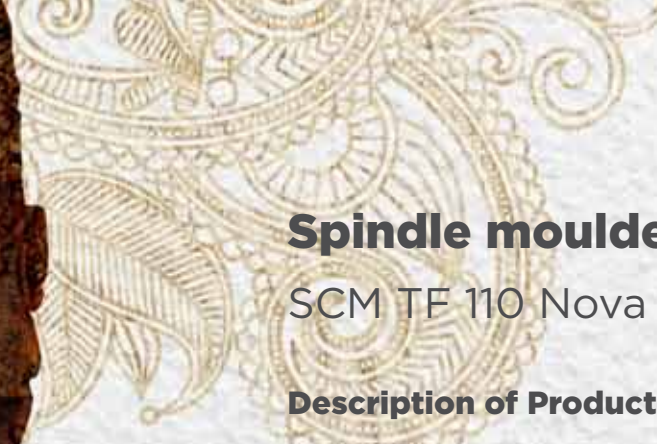
scm

tf110 nova

KURF

2mm
0.09"

Control panel with various buttons and a digital display.



Spindle moulder with fixed spindle

SCM TF 110 Nova “TL” – Made in ITALY

Description of Production

A spindle moulder is a stationary machine in which a vertically oriented spin protrudes from the machine table and can be spun at speeds typically between 3,000 and 10,000 rpm. Cutter heads may be mounted on the spindle. As the work piece is fed into the machine, the cutters mould a profile into it. On some shapers, router bits can also be used using a special mounting adapter. The machine normally features a vertical fence, against which the work piece is guided to control the horizontal depth of cut.

General Features

- Easy-to-use, productivity and efficiency, flexibility.
- Set up precision and reliability. The operator easily adjusts all movements due to a hand wheel with mechanical decimal readouts located on the front of the machine.
- Spindle moulder fence with mechanical programming: maximum set-up speed and ease-of-use. No more tests runs due to digital readouts that ensure accuracy to a tenth of a millimeter in positioning the two worktables.

Specification

- Worktable dimension 1200 x 730mm
- Spindle Speeds (n.5) 3000/4500/6000/8000/10000 rpm
- Main motor power 7.5hp

Quality of Production:	Electric Consumption:	Capacity:
Excellent	4 Kw Mtr P/hr	30 Mtr P/hr



simpic k 800



Single Sided Automatic Edge Bender

SCM Olimpik K800 – Made in ITALY

Description of Production

Semiautomatic boring machines with n.2 vertical and n.1 horizontal boring-head units designed to execute holes in a IEdge banding is used to cover the exposed sides of materials such as plywood, particle board or MDF, increasing durability and giving the appearance of a solid or more valuable material. Common substitutes for edge-banding include face frames or molding. Edge banding can be made of different materials including PVC, ABS, acrylic, melamine, wood or wood veneer.

General Features

- Machine base made of high rigidity ribbed steel to guarantee and excellent support for the operating groups.
- Mobile Control Panel.
- Safety enclosure with separated doors between gluing and finishing unites.
- Electrical cabinet with padlock-able main switch.
- 1.5 kg glue pot capacity.

Quality of Production:	Electric Consumption:	Capacity:
Excellent	14 Kw P/hr	50 mtr P/hr



scm@group



scm LLL s520 nova



SCM Thickness planner

S 520 NOVA – Made in ITALY

Description of Production

A thickness planer is a machine to trim boards to a consistent thickness throughout their length and flat on both surfaces.

General Features

- Easy and precise, practical design, a wider range of applications
- One machine for every requirement. Quick and easy changeover of the rollers that allows the operator to configure the machine drive function in case of special requirements such as minimum removal of fine wood and/or batches where multiple pieces of different thicknesses are processed.
- The stopping of the work piece and the presence of notches on its surface are eliminated due to the roller support system that allows their vertical displacement by rotation.

Specification

- Working width 520x900mm
- Number of knives 4
- Main motor power 7.5hp
- Cutterblock speed 4500rpm

Quality of Production:	Electric Consumption:	Capacity:
Excellent	9 Kw P/hr	30 Mtr P/hr

TECHNO



Valmec hydraulic guillotine

Techno 31.5 - Made in ITALY

Description of Production

Hydraulic Veneer cutter meets the needs of medium-large production realities. It is designed for cutting piled veneer or decorative materials. Heavy duty welded steel. The knife holder is fixed to the presser to ensure the perfect linearity of the cut and reduce the work cycle.

General Features

- Very high cutting quality thanks to the sliding table structure with special ground-arch steel guides.
- Torsional rigidity and total absence of vibration through the closed loop structure of the saw unit which ensures perfect alignment of the blades.
- Manual movements: always user friendly and precise. Every minimum hand wheel movement corresponds to a precise blade adjustment.

Specification

- Cutting Length 3150mm
- Hydraulic motor power 3 Kw
- Rear Feed Motor 0.25Kw
- Dimension 3800 x 1400 x 1500mm

Quality of Production:	Electric Consumption:	Capacity:
Excellent	6.5 Kw P/hr	10 Doors P/hr

KUPER
FWS 920



Veneer splicing machine

KUPER FWS 920 – Made in GERMANY

Description of Production

A special glue thread is applied in a zig-zag line by a heating tube and serves as the gluing medium. Tight joints, high adhesion and tear resistance are guaranteed even on wavy veneer. The spliced sheets are placed face down for pressing, therefore no sanding on the gluing medium is necessary, simple operation and highest efficiency.

General Features

- Solid steel C-base construction.
- Resistant PUR-paint.
- Standard heating system of industrial machines.
- Disc drive system with tolerance compensation.
- Chromium plated working table.
- Maintenance-free bearings for heating tube.
- Fully automatic start/stop function via light sensor.
- Clearly arranged control panel.
- Regulation of heating power in standstill- and operation mode.

Specification

- Throat depth : 920 mm
- Feed speed: approx. 20m/min.
- Veneer thickness : approx. 0,4 - 2 mm
- Voltage: 400 V, 3 Phase, 50 cycl.
- Total connected load: approx. 0,97 kVA

Quality of Production:	Electric Consumption:	Capacity:
Excellent	1.5 Kw P/hr	100 Mtr P/hr



ITALPRESSE

SABO BIGNATICA S.p.A.
ITALY



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Hydraulic hot press

Model XL - Made in ITALY

Description of Production

A hydraulic press is a machine using a hydraulic cylinder to generate a compressive force. It uses the hydraulic equivalent of a mechanical lever.

General Features

- Electronic control panel.
- Digital timer for automatic opening with exclusion switch.
- Digital setting and monitoring of working temperature.
- Digital setting and monitoring of working pressure.
- Digital diagnostic system.
- Safety ropes on all four sides.
- Automatic pressure recovery.
- Heating systems (optional):
 - Electric boiler for oil or water
 - Waste wood fired boiler for water

Specification

- Platen length: mm. 2500 - 3000 - 3200 - 3500 - 3800 - 4200
- Platen depth: mm. 1300 - 1600
- Number of cylinders : 4 to 10
- Pressure: Ton 50 - 70 - 90 - 120 - 160 - 190
- Opening: mm. 400 to 650
- Heating platens in drilled massive steel, welded steel or aluminum
- Heating by means of thermal oil, hot water or electric elements

Quality of Production:	Electric Consumption:	Capacity:
Excellent	22 Kw P/hr	08 Doors P/hr




maggi
engineering

DRILLING SYSTEM 323

**CALBERS
INDUSTRY**



Multi Head Boring Machine

Maggi Boring System 323 -Made in ITALY

Description of Production

Semiautomatic boring machines with n.2 vertical and n.1 horizontal boring-head units designed to execute holes in a line, as well as holes for panel matching. Expressly designed for low and medium production volumes, quick, precise and easy setting-up.

General Features

- **Vertical Boring Units**

The vertical boring units slide on rolling guides for a prompt and easy positioning, and the pneumatic or manual braking system ensure an effective and steady breaking. The digital read-out and the micrometric adjustment system guarantee the highest accuracy in the positioning.

- **Cast iron Boring Heads - 23 Spindles**

Highest accuracy, sturdiness and lastingness, noise is minimized. Vertical boring-head units can be turned 90° in order to execute both central and side holes during the same working cycle.

- **Patented Turning Safety Clamps**

The machine is equipped with n.2 turning clamps from 0° to 90°. Maggi safety clamps allow a prompt setting; guarantee a perfect hold and the highest safety for the operator.

- **Ergonomic Design**

Ergonomic drives, for the operator highest comfort and safety.

- **Cantilever Structure**

The cantilever solution allows turning long panels, without the need for downloading them.

Quality of Production:	Electric Consumption:	Capacity:
Excellent	7 Kw per hour	30 mtr P/hr



Langgatboor machine

SAMED AS16 - Made in ITALY

Description of Production

A mortising machine is a specialized woodworking tool used for cutting square or rectangular mortises, or recesses, into wood, operate by lowering the cutting mechanism onto a workpiece secured to a work surface, much like a drill press. Mortising machine might also be used to cut a square-edged hole through a workpiece. The straight sides and square corners of the cuts that characterize a mortising machine are made by a combination of two cutting tools, one a spinning bit and one a very sharp four-cornered hollow chisel. The bit works inside the chisel with just enough clearance to allow sawdust to escape.

Specification

- Table size 287x550 mm
- Longitudinal travel of 200 mm
- Vertical travel 160 mm
- Cross travel 125 mm
- Bits 1-16 mm
- Spindle Speed 3000 g / m
- Motor 1.5KW (2HP)
- Net Weight 205 Kg

Quality of Production:	Electric Consumption:	Capacity:
Excellent	3 Kw P/hr	04 Doors P/hr



Centauro chain mortisers

CVS 15 – Made in ITALY

Description of Production

A mortise machine is a specialized to cut square or rectangular holes in a piece of timber. For cutting larger mortises such as those used in timber frame construction, chain mortisers are commonly used. A chain with cutters rotating within a frame clamped to the work is successively plunged into the workpiece to mortise out the required volume. The Centauro CVS 50 is a vertical mortiser that will machine out the slot for the lock and recess for the face plate in one operation on the door blank. Then via the rear horizontal drill units (one oscillating) it is possible to produce the hole for the handle and the slot for the key. The machine is simple to use and typically the above operations can be completed in as under 2 minutes. The machine is also equipped with a standard table and pneumatic workpiece clamp for conventional chain mortising.

General Features

- Electro-weld steel frame to ensure maximum strength and stability.
- Head, carriage and working table in cast-iron.
- Vertical spindles unit to carry out the lock face-plate recess at the same time as the lock slot.
- Horizontal spindles unit for drilling key and handle holes.

Specification

- Maximum slot depth 150mm.
- Maximum slot length 340mm.
- Head Rotation +/- 45deg
- Max /Min door frame height 1200mm
- Chain motor power 3HP
- Overall dimension 1916 x 1400 x 1026

Quality of Production:	Electric Consumption:	Capacity:
Excellent	5.5 Kw P/hr	06 Doors P/hr



scm

sandya 600

CMERS
INSTY

Automatic wide belt sander electronic pad

SCM SANDYA 600 RCS 135 – Made in ITALY

Description of Production

The new SCM compact wide belt sander: it is extremely versatile and allows the calibrating of MDF, chipboard. etc, the calibrating and sanding of solid wood, the pre-sanding and sanding of veneered panels and the finishing of painted surfaces.

General Features

- “Mesar” sectional pad: the best finish with any material. Higher quality results due to the special shape of the sectors that allows the operator to intervene “softly” but also in an “aggressive” way, simply by varying the working pressure. The setting of the pad position and the possibility of using foils of different thickness increases its versatility.
- “Logic SC” electronic programmer: easily avoid mistakes. Simple and intuitive, allowing the operator to set all processing parameters in sequence and then launch them with the touch of a button. The possibility to store various work programs to retrieve the machine settings most commonly used makes it ideal even for unskilled operators.
- diamond-shaped belt: no slipping of the work pieces. The special geometry of the diamond-shaped profile of the transport belt provides the best traction surface for the work piece and with the increased support area also ensures maximum stability.
- Led indicator for panel introduction. Simple and intuitive, communicating to the operator where and when the panel has to be introduced into the machine and optimising the standard wear of the sanding belt; this ensures a better quality finish and reduced machine costs.

Specification

- Working width 1350mm
- Min/max. working thickness 4-170mm
- Sanding belt width 1370mm
- Sanding belt length 2150mm
- Main motor power 20HP
- Feed belt motor power 2HP
- Feed Speed 3.5 to 18 m/min

Quality of Production:	Electric Consumption:	Capacity:
Excellent	23 Kw P/hr	10 Sheets P/hr





Paint spray booth 4M

Description of Paint Booth

The booth isolates the more hazardous spraying operations from the less hazardous work being done nearby in the shop. A spray booth supplies clean filtered air to the worker in the booth and removes air contaminated with solvents and paint aerosols to the outdoors. This keeps contaminants from building up inside the booth and also keeps them from reaching and exposing other workers in the shop.

General Features

- Containment Separation and Filtration.
- Prevent the escape of vapors into the workplace.
- Prevent contamination of the workplace by overspray.
- Protect the health of workers.
- Draw overspray away from the operator.
- Provide separation from sources of ignition, and prevent the spread of fire.
- Prevent contamination of the work piece by dust from the work environment.
- Filter the overspray from the air, and expel the air to atmosphere.

Quality of Production:	Electric Consumption:	Capacity:
Excellent	8 Kw P/hr	08 Doors P/hr



Automatic knives grinding machine

CMA AF 65 – Made in ITALY

Description of Production

Surface grinding is used to produce a smooth finish on flat surfaces. It is a widely used abrasive machining process in which a spinning wheel covered in rough particles (grinding wheel) cuts chips of metallic or nonmetallic substance from a work piece, making a face of it flat or smooth.

General Features

- **Carriage Guides**

In cast iron covered with easily replaced heavy duty precision tapered steel strip diam.10x1mm.

- **Carriage**

In cast iron, running on sealed bearing which can be adjusted to take up any ply between guides and carriage.

- **Cooling**

Using emulsified water, by means of spiral inside grinding wheel housing.

- **Grinding Wheel Motor**

Can be tilted at up to 13° to obtain grinding angles of from 32° to 45°.

Quality of Production:	Electric Consumption:	Capacity:
Excellent	1.5 Kw P/hr	04 Sets P/hr





Grinding wheel sharpener

TL 60 - Made in ITALY

Description of Production

Sharpening machine with setting device. Automatic work cycle can sharpen Wood-Mizer disc types. Allowing the independent adjustment of the feed pitch and combined adjustment of: working depth and entry/exit speed. Its vertical design too requires little space and provided with rod and roller to support saw blades to be sharpened.

Specification

- Max. Width of band saw blade 60mm.
- Min. Width of band saw blade 10mm.
- Sharpening Speed (teeth) 65 per minute.

Quality of Production:	Electric Consumption:	Capacity:
Excellent	0.5 Kw P/hr	03 Sets P/hr

BUTT WELDER





Butt welder for Band Saw Blades

VC 6- Made in ITALY

Description of Production

Butt welding machine for band-saw blades, Compact Bandsaw blade butt welder for joining broken blades as well as making your own bandsaw blades to length. High quality and efficient-fast, simple welding & joining of bandsaw and bandsteel of different qualities.

Specification

- Width of Band Saw 20-60mm
- Thickness 0.5mm minimum
- Capacity 8KW Max.

Quality of Production:	Electric Consumption:	Capacity:
Excellent	6.5 Kw P/hr	06 Belts P/hr

Screw Compressor

Ceccato CSM 20 DX - Made in ITALY

Description of Production

Screw compressor with dryer with 500L Tank which produce 1650L/min (58.3cfm) air.

Specification

- Working Pressure 10 bar / 145 psi
- Motor 10 HP (15KW)
- Power Supply 3PH / 400V / 50Hz
- Noise Level 69db (A)
- Dimension (L x W x H) 1935 x 620 x 1463mm

Quality of Production:	Electric Consumption:	Capacity:
Excellent	15 Kw P/hr	000000000



Wood Dust Collectors

Kufo dust collector – Made in TAIWAN

102B 5 NRS, 103B 3 NRS, 101A 1 NRS

Description of Production

Dust collectors ensure equipment runs continuously and reliably without interruptions during operating hours. Totally enclosed fan cooled motor is used for dirty, dusty and even outdoor applications.

Technical Specs 102B 5 NRS

- Motor 3hp, 3Phase
- Air Volume 53m³ / min (1883 CFM).
- Bag Volume 0.3m³ (10.48ft³).

Technical Specs 103B 3 NRS

- Motor 5hp, 3Phase
- Air Volume 2733 CFM.
- Bag Volume 20.97ft³.

Technical Specs 101A 1 NRS

- Motor 2hp, 3Phase
- Air Volume 35m³ / min (1224 CFM).
- Bag Volume 0.15m³ (5.2ft³).

Quality of Production:	Electric Consumption:	Capacity:
Excellent	000000	00000

Our projects











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