

# EXPORT PROMOTION COUNCIL FOR HANDICRAFTS

## DETAILS OF THE MACHINES/EQUIPMENT INSTALLED IN CFC, SAHARANPUR

<u>NAME OF MACHINE</u>	<u>USAGE</u>	<u>SPECIFICATIONS</u>
Mitre Cut off Machine For Picture Frames – Electro Pneumatic	Double mitering Machine for 45 degree cuts in moldings of any shape and kind in wood by means of 2 circular sawblades of 250 mm diameter maximum cutting capacity 120 mm (w) X 80 mm (h).	<ol style="list-style-type: none"> <li>Complete with stand. Operating cycle through controlled.</li> <li>Fitted with two motors min 1.4 hp 2800 rpm Suitable for compressed air supply 6 bars consumption about 50 NI / Minute</li> </ol>
Joining Machine for Frames	Suitable for joining mitred mouldings of picture frames in hard and soft wood by pneumatic insertion of steel V/conic staples of heights 4-8-10-12 mm. The loader must accept staples in cartridge form minimum dimension of moulding 5 mm (w) X 7 mm (h).	<ol style="list-style-type: none"> <li>molding 120 mm(w) X 70 mm(h)</li> <li>Suitable for operation with compressed air supply of 6/8 bars with consumption about 15 NL/min complete with stand and foot pedal operation.</li> <li>Including staples in cartridges in size 4-8-10-12 mm – each size 20,000 pieces</li> </ol>
Back Board Guillotine	<ol style="list-style-type: none"> <li>Suitable to cut mount board for picture frame backs in MDF upto a thickness of 3.0 mm manually operated.</li> <li>Suitable for mounting into a table top with hand operated special clamp.</li> </ol>	<ol style="list-style-type: none"> <li>Fitted with hard chrome steel alloy cutting blade 1100 mm length easily Unbolted for regrinding.</li> <li>Complete with measuring guage upto 1000 mm with sliding cursor for repeat cutting.</li> </ol>

**Contd.2**

Toggle Press for Fixing various kinds of Hardware on Picture Frame

Hand operated toggle press for fixing hinges and hangers on frames complete with

- Hammer head for pressing all types of strut hinges
- Locator for fixing small hinges
- Head for saw tooth hanger
- Head for D Ring for backing board
- Head for hinged hangers.

Flexipoint Insertion Machine

1. Spring loaded manual operated devices for Inserting flexipoints of brass / steel into the back of picture frames for holding back board in position  
With flexipoints brass 50,000 pcs

2. Pneumatically loaded manually operated devices for inserting flexipoints of brass / steel into the back of picture frames for holding the back boned in position suitable for operation at blue premises.

Steel 50,000 pcs.

Headless Nail Insertion Machines

Spring loaded manually operated device for inserting handles nails of brass / steel into the buck of picture frames for holding the back bond in position with hardles nails – brass 50,000 pcs.

Headless Nail Insertion Machine – 2 Nos.

Pneumatically loaded manually operated device for inserting needless nails of brass / steel into the back of picture frames for molding the back boned in position suitable for operation at blue purses.

With headless nails – 50,000 pcs.

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**Comarier**

Capacity to device 250 nl / min  
at bar persuede complete with  
system for design of compressed  
oil and climmiation of conduced  
motor.

Complete with electric motor  
and necessary accessories.

**Portable Dust  
Entructor**

suitable for extraction of wood  
chips and saw dust through a  
machine opening of 100 mm  
dia-meter at speed of 30 mm /  
record complete within pellee  
with collection and filter bag  
electric motor, flexible have  
reduce if required for fitting into  
the machine opening of 100 mm.

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## NAME OF MACHINES INSTALLED IN PHASE –II AT CFC-SAHARANPUR

1. AUTOMATIC FOUR SIDE PLANER MOULDER FOR FOUR SIDE MOULDING OF LINEAR PROFILES
2. COPIER LATHE FOR AUTOMATIC HYDRO COPYING OF ALL TYPES OF TURNED COMPONENTS INCLUDING ACCESSORY FOR TURNING WOODEN LAMP BASES
3. SPINDLE MOULDER WITH FEEDING ATTACHMENT FOR PROFILING EDGES OF WOODEN COMPONENTS / MOUDLINGS, ETC.
4. AUTO OUTER COPY SHAPER - FOR SHAPING , OVAL, ROUND AND OTHER SHAPED COMPONENTS
5. AUTO INNER COPY SHAPER - FOR SHAPING, RINGS, FRAMES ROUND IRREGULAR COMPONENTS

### DETAILS OF MACHINES / EQUIPMENT WITH TECHNICAL SPECIALFICATIONS INSTALLED IN PHASE II AT CFC SAHARANPUR

Automatic four Side Planer Moulder for four side moulding of linear profiles

- Working Width - 20 – 230 mm
- Working Height - 8 – 120 mm

#### **First Spindle**

- First horizontal bottom spindle motor - 5.5 Hp
- Second Spindle
- First right vertical spindle motor - 10.0 Hp
- Third Spindle
- First left vertical spindle motor - shared with first right spindle motor

#### Fourth Spindle

- First horizontal top spindle motor - 10.0 Hp

#### Fifth Spindle

- Second horizontal bottom spindle motor - 5.5 Hp
- Spindle diameter - 40 mm
- Spindle speed - 6000 rpm
- Feed motor - 3.0 Hp
- Tool cutting circle horizontal spindles - 125 – 145 mm
- Tool cutting circle vertical spindles - 100 – 180 mm
- Cast iron frame
- Mechanical feed infinitely variable - 5 – 24 m/min
- Durofer pointed tooth rollers self clearing with depth limitation
- All moulding spindles dynamically balanced for highly concentric running
- Operating voltage 415V / 3 Ph / 50 Hz
- Straightening table 2 m long
- Manual waxlit pump to remove resin from machine table

- Both axes of all spindles – with the exception of first bottom spindle to be equipped with mechanical digital display
- Safety enclosure – easily liftable safety hood with windows covers the entire work area
- To Automatical switch off spindles when safety hood is lifted.

### TECHNICAL SPECIFICATION

Copier Lathe for Automatic hydro Copying of all types of turned Components including accessory for turning wooden lamp bases

- Semiautomatic Hydraulic Copier lathe
- Capacity between centres - 1200 mm
- Maximum diameter - 300 mm
- Motor power - 5.5 Hp with 4 speeds, 1200 / 2800 / 3500 / 4550 with electric brake
- Hydraulic motor - 2 Hp
- Machine ready to turn with copy knife 25 x 25 x 200 mm HSS
- Hydraulic copier Automatic hidro 80 mm
- Hydraulic tail stock
- Hydraulic speed retro cession rapid 15 meter / min
- Hydraulic carriage control by hydraulic valve
- Protector door guard
- Dust collector outlet Ø100 mm
- Operating voltage 415 V / 3 3Ph / 50 Hz

### TECHNICAL SPECIFICATION

Spindle Moulder with feeding attachment for profiling edges of wooden components / mouldings, etc.

- Spindle diameter - 30 mm
- Spindle Speed - 3000 / 4500 / 6000 / 10000 rpm
- Paper of spindle - MK 5
- Spindle motor - 5.0 Hp
- Spindle travel - 130 mm
- Tilting angle of spindle - - 5° to + 45°
- Max. table insert dia - 210 mm
- Table size - 700 x 900 mm
- Sliding table size - 900 x 230 mm
- Sliding table travel - 830 mm
- Fence Size - 125 x 900 mm
- Electrics - 415V / 3 Ph / 50 Hz

## TECHNICAL SPECIFICATION

Auto Outer Copy Shaper - for shaping , oval, round and other shaped components

- Shaping capacity round - 1" to 28 "
- Shaping capacity rectangle - 8" x 25 "
- Disc diameter - 18"
- Disc speed - 1.5 to 6.0 rpm
- Main spindle drive motor - 7.5 hp
- Round disc drive motor - 2.0 Hp
- Main spindle dia. - 30 mm
- Shaping cutter dia - 100 mm
- Electrics - 415V / 3 Ph / 50 Hz

## TECHNICAL SPECIFICATION

Auto Inner Copy Shaper - for shaping, rings, frames round irregular components

- Shaping capacity - 1" to 23 "
- Round disc outer dia - 880 mm
- Round disc inner dia - 410 to 585 mm
- Cutter dia range - 5 mm to 100 mm
- Main spindle dia - 30 mm
- Main spindle motor - 7.5 Hp
- Table turning motor - 2.0 Hp
- Electrics - 415V / 3 Ph / 50 Hz

**LIST OF MACHINES IMPORTED FROM OVERSEAS COUNTRIES ALREADY  
INSTALLED AT CFC-JODHPUR**

<b>TORREDA-TORMADEX S.A. SPAIN</b>	<b>1. METOR 1200 UNIVERSAL</b>
<b>BALESTRINI RENZO S.p.a. ITALY</b>	<b>1. WIN TABLE AUTOMATIC ROUND- END TENONER MODEL PICO. 2. TWIN TABLE AUTOMATIC SLOT MORTISER MODEL MICRIN 3. DOUBLE –SIDED TEMPLATE SHAPER MODEL JUNIOR</b>
<b>LEADPOWER INTERNATIONAL.CORP.- TAIWAN</b>	<b>1. DOUBLE SIDE PLANNER 2. SINGLE SPINDLE MOULDER 3. AUTO FEEDER 4. PNEUMATIC CLAMPING CARRIER 5. OPEN TYPE BELF SANDER 6. DOVETAILING MACHINE 11 TOOL GRINDER</b>
<b>WEINIG ASIA-SINGAPORE</b>	<b>12. AUTOMATIC PLANNER/MOULDER UNIMAT GOLD 001</b>
<b>ALTENDORF –CHINA</b>	<b>13. SLIDING TABLE SAW MODEL NO.WA-8</b>

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