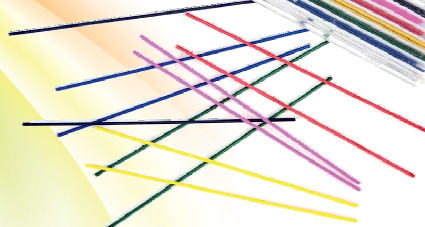
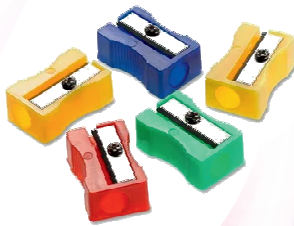




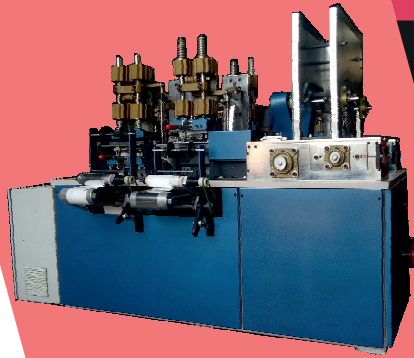
AURELIA®



S **AUTOMATED MACHINE
MANUFACTURERS FOR
STATIONERY PRODUCTS**

J & M CORPORATION
CUSTOMISED ENGINEERING

Plot No. 2220, 3,Phase, G.I.D.C. Indl. Estate,
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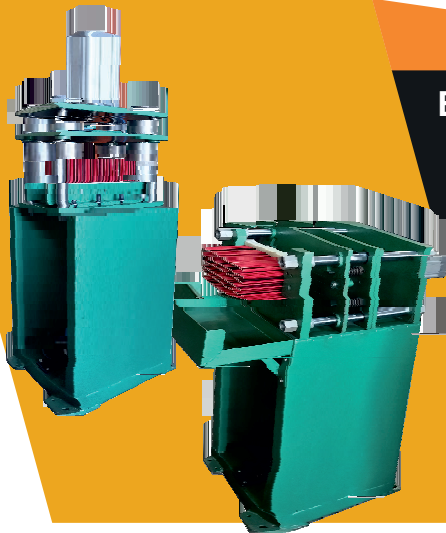


2 LINE SERVO STAMPING MACHINE FOR HEXAGONAL DESIGN PENCIL / TRIANGLE PENCIL

- Complete PLC Base / 2 lines per machine
- Each line 2 head top & bottom stamping
- Mechanism - One servo rotating Pencil mechanism with Photo Sensor
- Speed- Variable as per your requirement. Average 400 pencils/min
- The front side of the machine has a belt conveyor to collect Pencil with in line Helical Gear Box.
- Production Capacity- 3.5 tub/hr
- Table Size- 950 x 1600mm

BOARD FILLING MACHINE

- Connected Load - 2.0 KW
- 4 number of Boards can be filled at a time
- Variable Speed - PLC (Base)
- Table Size - 900 mm x 1100 mm
- Hopper capacity 45 gloss
- HMI for stroke adjustment/ pitch adjustment/ speed
- Production Capacity- 4.5-5 tub/hr



BOARD OPENING / LEVELING MACHINE

- Pneumatic Control by foot switch, Connection Pressure 5 Kg/cm² Air dry with required lubrication
- One Stroke , One Board all pencils can be taken out
- Table Size - 500 x 500 mm along with collecting tray
- Foot switch operated 5 sec. cycle time.
- Production Capacity- 8 tub/hr

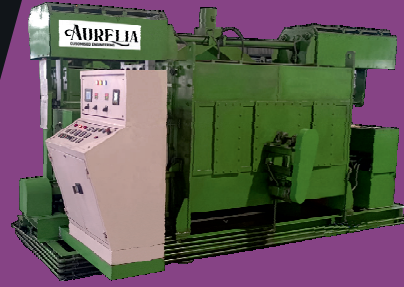
SERVO DIPPING MACHINE

- Connected Load - 1.5 KW
- Dipping Capacity - 10 Boards at a time
- Table Size - 900 mm X 1200 mm
- Variable Speed Logic PLC (base)
- HMI for stroke & speed setting
 - Capacitive & inductive sensors
 - Tray size: 815 X 815 X 55
 - Height of colour: 50 mm
 - 1 No. Tray with Drain. M.S. 1.6 mm Thk.
 - Production Capacity - 9 Tub/hr (1 Tub-6500 Pencils)



BAKING OVEN

- Connected Load 40 Kw
- Complete Control PLC Base
- Hydraulic Power Pack control
- 5 mm Shell thick with sandwich of cerawool blanket – 75mm
- End Plate- 25 mm thick is 2062 GR A
- Internal Cage of 12 pockets, can carry 12 x 8= 96 containers rotate on self-alignment with C.I. Thrust bearing
- Temperature Capacity- 200C max- 1 min one container in/out
- 2 HP Blower is fixed to circulate the internal hot air. It has centre suction, top & bottom elimination of air.
- The oven has a single door for maintenance.



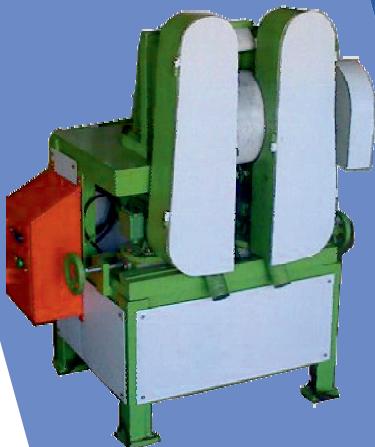
SIGMA MIXER (1000 Litre) MOC- SS 304 L

- Contact part of machine SA 240 GR 304
- Shell Thickness 8 mm SA 240 GR 304
- Jacket Shell Thickness 8 mm IS 2042 GR A
- Connected Load 56 Kw + 2.25 Kw = 58.25 Kw
- Gear Box 1:20 FU 12
- Working Capacity 800 Kg Load to be increased gradually
- Drive RPM 17.5-21 RPM As per your requirement
- Driven RPM 8.5-10 RPM As per your requirement
- Centre Distance 600 mm
- Machine Frame Size 2000 x 3200 mm



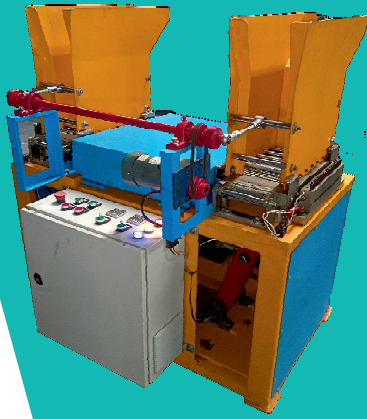
TRIPLE ROLL MILL - 12" x 36"

- Connected load 22.5 kw
- Size 12" x 36" TRM
- Rollers ϕ 1" x 36" long 3 nos
- Gear box ratio 1:3:9
- Final RPM 144 rpm, 432 rpm, 1296 rpm



PENCIL LEAD SIZING MACHINE

- Connected load 5 kw
- End grinding of black lead
- Production 5000 leads /hr.

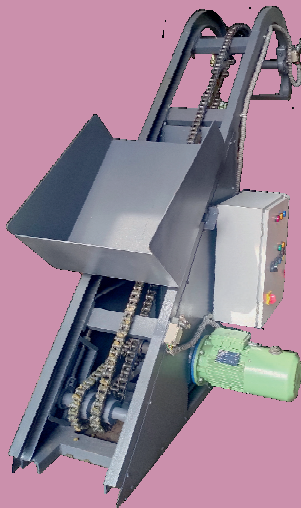
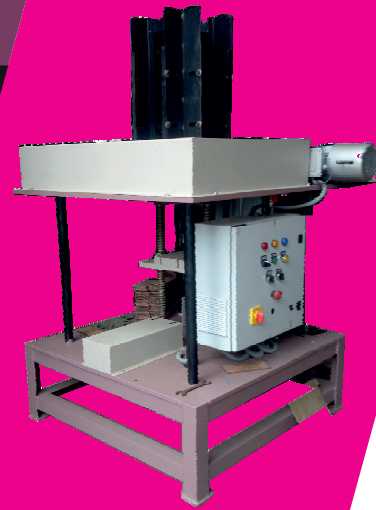


DIE POLISHING MACHINE

- Connected load 4 kw
- 20 + 20 pencils /stroke
- 2 hoppers – half tub/hopper
- Production capacity – 4.5-5 tubs/hr.
- Variable speed

WOODEN SLAT PILEUP MACHINE

- Connected load 3 Kw
- Slat Size 30 mm - 80 mm (W) x 190 mm Long.
- Slat stack height 540 mm
- 72 stack cycles can be completed in an hour.



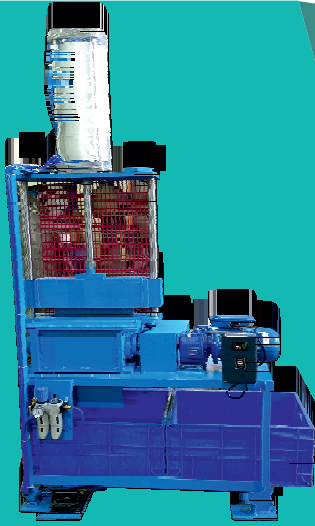
POWDER CONVEYOR LOADER

- Capacity – 50 Kg powder can be lifted in hopper
- Lifting of hopper depends upon your requirement approximately 6 Ft.ht.
- Powder lifting by chain and sprocket mechanism with 2 HP brake motor with in line helical gear box controlled by logic panel.

SHARPER BLADE PARTING MACHINE

- Connected load 1 kw
- Servo based sharpener blade parting machine
- Combination of pneumatic and servo base with HMI
- Air pressure 5kg/cm²
- Production 8000 blades /hr.



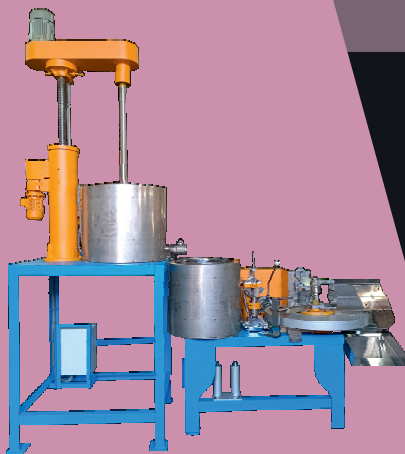


WAX CUBE CUTTING MACHINE WITH PNEUMATIC PRESS CUTTER

- Connected Load 3 Kw
- 19" x 24" wax slabs to be cut in 10 mm flakes.
- Pneumatic press required 5 Kg / sq. cm.

HIGH SPEED MIXER WITH DUAL DISPENSER

- Material of construction- SA 240 GR 304(10 litres)
- Jacketed Shell. Loading and unloading with hydraulic power pack
- Connect Base -3.75 KW, all disperse and scraper with a VFD control.

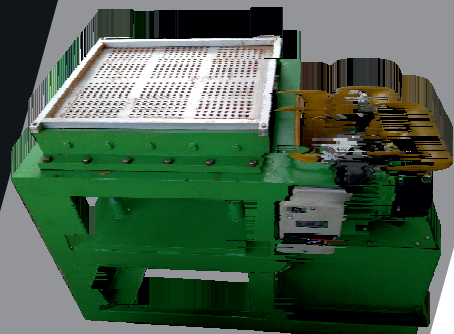


ROTARY OIL PESTAL MACHINE

- Connected load 5kw
- Crayon size 9mm x 65mm cavities 432 Nos.
- Wax melting tank
- Production tank 96 Ltrs.
- Batch making tank 110 Ltrs.
- Mould chilling Temp. 19°C
- Wax melting Tank Temp. 92°C
- Production 4300 Pastels/hr.

WAX CRAYON MOLDING MACHINE

- | | |
|--------------------------------|---------------|
| • Connected load 2 kw | CAVITY |
| • Crayon size Ø 7.5 mm x 57.5 | 960 Nos. |
| • Oil pastel Ø 8mm x 60 | 624 Nos. |
| • Jumbo crayons Ø 11mm x 90 | 624 Nos. |
| • Triangle crayons Ø 11mm x 70 | 400 Nos. |
| • Triangle crayons Ø 10mm x 80 | 396 Nos. |



AURELIA®

COMPANY BRIEF

HISTORY

Aurelia (J&M Corporation) has started business in 1998 as a proprietorship firm and from the very beginning we are manufacturing special purpose machine for stationary industries, food related industries, hardware industry, chaton industry, metal forming industries, pharma/chemical/food process equipment, auto mobile spares.

- Over the years with advanced engineering equipment's, we cater to the process equipment's needed in many kinds of industries including stationary, pharma, paints, food, etc. We are using the best advanced tool room to meet the specific requirements of industries.
- Our machine are easy to install and have been designed as per the requirements of the customers.
- Our machines have been approved by the experts. We have a big team to install all big plants, and machinery.
- We are always ready to give services to our valuable customers.
- We have a team of best technicians and skilled workers.
- We are committed to provide best products, services, and value added benefits for our valuable customers
- We have in house arrangements for R&D engineers CAD designers , draftsmen who take utmost care n developing new process of plants for an industry.
- We conduct trials of the machineries at our end and before the dispatches so that there is no problem during production.
- If you have any query please feel free to call or write to us and our customer care team will respond properly.

DICIPLINE

Our engineers has a broad base of engineering staff including specialist, toolmakers, machinists, welders, turners, whose skills are applied in the following areas

- Project Control
- Design and detailing of machines
- Development of work methods, weld procedures etc.
- Fabrication, Machinery and Assembly
- Site Installation

MANAGEMENT SKILLS

We have technically qualified staff of around 20 people including Engineering/technical trades and administration. This gives us flexibility in providing people to meet the need for the short-term increases in site numbers during special situations-changeovers etc. **AURELIA** has a strong reputation as being a competent and professional project management contracting company.



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