

BARREL PLANT **MACHINERY**

**PRODUCT
CATALOGUE**



BARREL PLANT MACHINERY

DECOILING MACHINE

Decoiling Machine MS fabricated geared driven with 10 H.P reduction gear box and chain and sprocket system. Machine having rolls of 6 feet length and diameter of 100 MM with 2 sets pinch rollers and settings for roller height adjustments with capacity to straighten up to 2 MM thickness sheet with one set coil holder assembly for up to 15 tons coils. With MS fabricated hump table between the shearing machine and the Decoiling machine. Complete with vee belts guards and standard accessories complete

GUILLOTINE SHEARING

Guillotine Shearing machine of 2 meters length and having a cutting capacity of up to 2mm Thickness sheet. Machine M.S. fabricated and heavy duty, power operated with 5 H.P. Electrical, geared driven and having a under crank drive. Machine having a rolling key type Clutch system duly hardened, With one set hardened and ground shearing blade, four edge With gauge, vee belts, guards and standard accessories complete.

SHEET EDGE GRINDER

Double ended Sheet Edge Grinder machine with two nos. grinding heads both M.S. fabricated With 2 H.P. electrical in each head with two nos. of grinding housings in each head having Individual settings for grinding wheels as they wear out. With a pneumatic operated M.S. Fabricated trolley system with pneumatic operated sheet clamping system on trolley during grinding operations. Machine fitted with F.R.L. unit, hand and foot valve and pneumatic Accessories complete with standard fittings



SPOT WELDING MACHINE

20 KVA Spot Welding machine, pneumatically operated, rocker arm type, with machine having Deep throat of 1000mm. With a internal water cooling system .with synchronous panel control system to make spot on Barrel bodies complete with standard accessories.

SEAM WELDING MACHINE

150KVA Seam Welding machine, horizontal type of sturdy M.S. fabrication and pneumatically operated vide panel control system. Machine having internal water cooling system for bus Bars, thyristors and electrodes and accessories. Machine having deep throat of 1000mm.With A M.S. fabricated tank for water collection. Machine suitable to seam weld up to 1.25mm Thickness sheet, complete with standard accessories.

BENDING ROLLER

40" width, M.S. fabricated Body Bending machine, with roller diameter of 75mm.Machine Power operated with 2 H.P electrical, With a geared drive and having front feeding table Shell knock out system. All three rollers witted in bronze bush bearings and all rollers Having positive drive with vee belts guard and standard accessories complete.



PRESS TYPE FLANGING

Press type Flanging machine for Barrels with a 5 H.P. hydraulic power pack and hydraulic Accessories. Machine made of sturdy M.S. plates construction and hydraulic cylinder fitted on top of machine and connected to flanging die dishes through guide bush assembly and four nos. sturdy M.S. shafts or pillars in between the two plates to make the machine very heavy and rigid in construction. Machine operated vide panel control system and electrical accessories. Machine provided with two nos. triple seam dies and one open top die dish, complete with Standard accessories.

MULTIPLE CORRUGATION

Barrel Multiple Corrugation double ended, machine, where in two side corrugation on Barrel body done in one Operation, Machine M.S. fabricated, power operated with 3 H.P. electrical, with pneumatically Operated. With one adjustable gauge plate and one set corrugation dies duly hardened. Ram System in machine operated vide pneumatic cylinder and guide shaft assembly and shaft Assembly fitted on ram driven through gear assembly. Ram moving up and down and is parallel to lower shaft, complete F.R.L. unit, foot valve and standard accessories.

DOUBLE BEAD EXPANDER

Double Bead Expander machine, M.S. fabricated and hydraulically operated vide 5 H.P. hydraulic Power pack system and accessories. Machine operated vide panel control system and electrical Accessories. Bead dies are segmented and duly hardened. Segments expanded through cones Connected to cylinder through guide bush assembly and retracted through spring system. Machine making double bead (corrugation) on Barrel body in one operation. Complete with standard accessories.



BARREL SEAMING MACHINE

Semi automatic, vertical single ended Barrel seaming machine, power operated with 15 H.P Electrical. Machine M.S. fabricated and pneumatically operated with F.R.L. unit, hand valve and pneumatic accessories. Fitted with one seaming chuck duly hard faced and one set seaming rollers duly hard faced. Machine having a M.S. fabricated table working on dove tail and screw system for height adjustments, Fitted with a pneumatic clutch and brake assembly Operated vide panel control system. Machine suitable to seam both double seam and triple Seam Barrels in max 1.25 mm thickness sheet. Complete with standard fittings.

PRE CURLING MACHINE

Pre Curling machine, to pre curl top and bottom lids of Barrel for triple seam. Machine M.S, Fabricated and having two Nos. geared motors, one to drive the chuck spindle and one to drive the cam assembly. One geared motor is 3 H.P. and the other 2 H.P respectively. Machine having a pneumatic clutch and brake assembly and operated vide panel control system and accessories Lid to be manually inserted in machine after which the machine pre curls the lid and ejects it as the machine is sloped. Complete with one set roller duly hardened and standard fittings .

PAINT BOOTH

Painting Booth for Barrels ,M.S. fabricated and with water down draft system for paint collection with horizontal rotary spinner run vide 1 H.P. reduction gear box and chain system. Painting done manually and Barrel ejection from booth with pneumatic system. Exhaust system fitted on top of Booth. No painting equipment provided with machine, complete with standard accessories. Tanks and guns included.



DEGREASING UNIT

De Greasing unit for Barrels, M.S. fabricated and rectangular type structure. De greasing unit having to separate tanks for water and cleaning chemicals and fitted with two Nos.2 H.P. electrical pumps respectively. Water and chemicals are pumped from the tank and sprayed with force through net work of pipelines and nozzles on Barrels to clean them. Barrels Entering and exiting the unit vide gravity conveyor system. Complete with standard fittings.

AIR COMPRESSOR

100 CFM Air Compressor with 25 H.P. motor and starter. Machine screw type and fitted with Standard safety valves and pressure gauge and also includes 1000 mm air receiving and Storage tank, complete with standard fittings and accessories.

OVEN

Oven M.S. fabricated and 30 feet length for drying paint on Barrel body and for coated Barrels. Machine fitted with light diesel oil fired burner and air heat chamber. Air from chamber rotates Through oven vide fan system. Barrels travelling vertical on movable crate chain conveyors Driven by reduction gear box and pulley system. Heat control and function done vide panel Control system and accessories complete.



DIES

- 570mm top and bottom cutting and embossing die set, consisting of top cutting punch and ejector Buffer, pressure ring, forming block and spring assembly and cutting ring fitted in pillar die set, Complete.
- 2" and $\frac{3}{4}$ " bung and bung fitting die set in tandem pillar die set fittings complete.
- 22.5" Dia top and bottom cutting and embossing die set, consisting of top cutting punch and ejector buffer, pressure ring, forming block and spring assembly and cutting ring fitted in pillar die set
- 22" Dia top and bottom cutting and embossing die set, consisting of top cutting punch and ejector buffer, pressure ring, forming block and spring assembly and cutting ring fitted in pillar die set
- Composite fitting die set in tandem pillar die set fittings complete.
- Opening Mouth Die duly hardened, Complete
- Flanging Die duly hardened
- Seaming Chuck 22"
- Seaming Chuck
- Flanging Dish



PRESSES

- 200 tons Power Press. pillar type of sturdy M.S, fabrication, power operated with 15 H.P. Electrical. Machine geared driven and having an adjustable stroke ram system. fitted Mechanical rolling clutch system, suitable to fit top and bottom lid die set complete with Vee belts, guards and standard accessories.
- 75 tons Power Press, inclinable, geared driven. power operated with 5 H.P. electrical. Machine M.S. fabricated and having a n adjustable ram system and fitted with a mechanical rolling key clutch system. Machine suitable to fit tandem bung die set, complete with standard fittings.
- 50 tons Power Press ,inclinable, geared driven. Power operated with 5 H.P. electrical. Machine M.S. fabricated and having a n adjustable ram system and fitted with a mechanical rolling Key clutch system. Machine suitable to fit tandem bung die set, complete with standard Fittings.
- 30 tons Power Press, Inclinable, geared driven. Power operated with 3 H.P. electrical. Machine M.S. fabricated and having a n adjustable ram system and fitted with a mechanical rolling Key clutch system. Machine suitable to fit tandem bung die set, complete with standard fittings.