

PRIMARY PROCESSING OF FRUITS



+9181055 66637
+9187782 01289



www.millgrainindia.com



millgrain2000@gmail.com

PRIMARY PROCESSING OF FRUITS & VEGETABLES

Elevator with Hopper and Chute

- 🍍 To transfer the fruits / vegetables from inspection conveyor to pulper or fruit mill.
- 🍍 Capacity : 250 – 300 kg/h.
- 🍍 Contact parts : SS 304 & MS Coated non contact parts.
- 🍍 Length of Conveyor 2000 mm.
- 🍍 Width of Conveyor 500 mm.
- 🍍 Motor : Flanged motor of 0.5 hp / 1440 RPM.
- 🍍 Sealed roller bearings.
- 🍍 Control panel : Control panel with all protections, controls and indications.



Pineapple Skin Stripper

- 🍍 Manually operated : M.O.C:S.S 304.



Top and Tail Cutting Tool for Pineapple

- 🍍 To remove the top & tail of the pineapples simultaneously in parallel position.
- 🍍 Manually operated : MOC – SS 304



Working Table

- 🍍 Size : 2200 mm (L) x 1000 mm (W) x 800 mm (H).
- 🍍 SS top of 14 gauges with supporting SS legs of 40 mm dia for cutting pineapple.



Dehydration of Fruit / Vegetable Slices and Cubes

Horizontal Pouch Sealing Machine with Nitrogen Flushing

- 🍍 Semi-Automatic type.
- 🍍 Capacity – 1-2 pouches / min.
- 🍍 With Nitrogen flushing arrangement.



Pulping of Fruits

Standardization Tank with Agitator

- 🍍 Capacity : 100 l; MOC: SS 304, Diameter: 500 mm, Height: 650 mm.
- 🍍 Gear drive : 0.25 hp; Built in control panel with all protections, controls and indications.
- 🍍 Surface finish : 150 Grit matt finish.
- 🍍 Total connected load : 0.25 hp/ 0.18 kW



Hydraulic Press

- 🍍 Capacity : 100kg/batch.
- 🍍 To extract residual juice from pineapple.
- 🍍 MOC : Contact Parts SS 304.



Insulated Storage Tank

- 🍍 Capacity : 100 l, M.O.C S.S 316, Round vertical in shape.
- 🍍 Bottom : Conical type, Outlet SMS union with valve.
- 🍍 Mounted On pipe Legs.



Plate Heat Exchanger

- 🍍 MOC SS 304 / SS 316, Handling capacity 500 l.
- 🍍 Operating temperature : 15 to 130°C, Max flow rate 1 m³ / h.
- 🍍 Max no of plates 52 plates, Operating pressure 1.6 bar.
- 🍍 Seals Food grade / High temp seals, Surface finish 150 Grit Matt Finish.



Screw Pump

- 🍍 Hopper screw pump, MOC: SS 304 Food Grade.
- 🍍 Phase : Three Phase, Capacity: 300 LPH, Motor : 2.0 hp.
- 🍍 Inlet / Outlet : 3/4 Inch, Motor : Flanged motor of 0.5 HP / 1440 RPM.
- 🍍 Motor cover : SS 304, Seals : Food grade / High temperature seals.
- 🍍 Surface finish : 150 Grit Matt finish.
- 🍍 Total connected load : 1.5 hp.



Canning Fruits & Vegetables

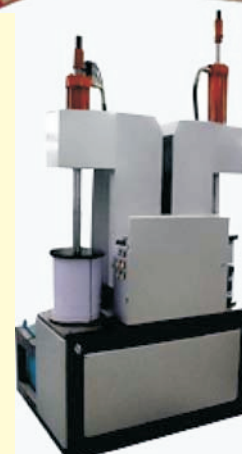
Empty Can Sterilizer / Washer

- 🍍 MOC: S.S 304 Grade, Capacity: 30 Bottles/min.
- 🍍 Automatic can inversion provision after sterilization.
- 🍍 Control panel, VFD, necessary electrical fittings with ISO standards.



Can Bearer

- 🍍 Capacity: 30-50 cans/min;
- 🍍 Can Dia.: 60-180 mm;
- 🍍 appropriate capacity electric motor with ISO standards



Can Body Flanger

- Capacity: 30-50 cans/min.
- Can Dia.: 60-180 mm.
- Appropriate capacity electric motor with ISO mark.



Electrical Hoist and MS Frame Structure

- Electrical Hoist - 0.5 TPH.
- Capacity: 500 kg, Wire rope Hoist 6 meter lift With electric Trolley.
- M.S Structure duly painted.

Ginger Processing

Hammer Mill

- Capacity: 100 kg/h, MOC contact part SS 304 with appropriate motor and detachable sieve built in SS frame, Bag filter
- Polypropylene hanging bags of 100 microns.
- Top feeding and bottom chute discharge type.



Vinegar Production Line

Hammer Mill

- Capacity : 200l, MOC : SS, Orientation: vertical.
- Thermal insulation :100 mm PU foam, glass wool.
- Fermentation control provision.
- Vacuum and pressure safety valves, complying with all standards and positioned for easy cleaning; Mounted on pipe legs with SS cover.



Blending Tank

- Capacity : 200l, MOC: SS 304 with agitator /mixer arrangements.
- Mounted on pipe legs with SS cover.



Ageing Tank

- Capacity: 200l, MOC: SS 304, PU Insulated.
- Orientation : vertical.
- Mounted on pipe legs with SS cover.



Screw on Capping Machine

- Semi-automatic type; single head.
- Suitable to different base geometry of bottles.
- Capacity: 50 bottles/min.



PET Bottle Rinsing Machine

- MOC: S.S 304 Grade.
- Capacity: 30 Bottles/min.
- With inbuilt panel and all basic controls.



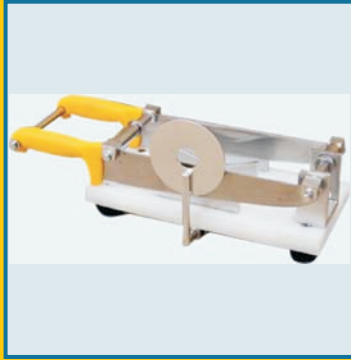
PET Blow Moulding Machine

- Semi-automatic, Handling capacity: 30 BPM.
- Bottle capacities : 200 ml – 1000 ml, No of cavities : Single.
- Blowing pressure : 14 – 22 kg.
- Heater power : 5 – 10 KW; Neck dia: 19 – 46 mm.



Air Compressor, Pumps And Other Accessories

- Appropriate capacity pumps, air compressor and other accessories with ISO standards should be included for smooth operation of vinegar processing line.





MILLGRAIN
MILLGRAIN
MACHINERY INDUSTRIES
High Performance Technologies

MILLGRAIN MACHINERY INDUSTRIES

No: 312, Arani Main Road, Thuthipattu, Vellore, Tamilnadu – 632 011,

E-Mail ID : millgrain2000@gmail.com

Website : www.millgrainindia.com

GST : 33AFRPV8421Q1ZG

Mob: 81055 66637 / 87782 01289