

**MECHANISED LAUNDRY SYSTEM FOR 4.5 TON CAPACITY IN 2 SHIFTS.
INCLUDING HEAVY DUTY WASHING MACHINE – (AS PER REQUIREMENT)
55 KG INDUSTRIAL DRYER – 2NO.**

TECHNICAL SPECIFICATION

- Capacity: 55 kg
- Drums diameter: 1118 mm
- Drums depth: 1041 mm
- Airflow: 755 l/s
- Heating: steam
- Dimensions (H×W×D): 2121 × 1178 × 1725 mm
- Weight: 625 kg

FEATURES

- Power dry system for high drying system.
- Easy-to-use electronic programmer
- Dryness level setting is a standard feature on the electronic programmer
- Large door opening for easy loading and unloading (Ø62 cm)
- Standard reversing drum
- Self-cleaning lint screen
- Preheating of intake air

Description: HIGH SPIN WASHER EXTRACTOR - 33 KG – 1NO.

TECHNICAL SPECIFICATION

- Capacity: 33 kg
- Drum Diameter: 914 mm
- Drum Volume: 335 l
- Drum Depth: 510 mm
- Wash speed: 38 rpm
- Spin speed: 830 rpm
- G-factor 350
- Door size: (Ø540 mm)
- Door glass: resistant to high temperatures (100°C)
- Door frame: Stainless steel
- Net Weight: 1230 kg
- Heating: steam
- Dimensions: H1905 × W1195 × D1330 mm
- Cabinet: front, service, side & top panels in stainless AISI 304
- Suspension: 4 springs & 12 lateral shock absorbers
- Drain valve: (2xØ76 mm)

- Inner drum: stainless steel, Power wash® perforated lifting ribs: more mechanical action, lower water consumption
- Water inlets: Standard 3 water inlet valves 1"
- Soap box: on the front, 5 plastic compartments
- Up to 10 liquid soap pumps possible, connected to the soap box by hose
- Liquimix®: Mix between water & detergents before reaching the inner drum
- Graphitronic®: new graphic display with 99 programs in total, 15 programs pre-programmed
- Frequency controlled motor
- Water level: Programmable per unit, can be adjusted manually
- Temperature: Programmable per °C or °F. From 1 to 92 °C
- Buzzer at the end of the cycle
- Emergency button: standard
- Mainswitch:1
- Voltage: 3x380-480V 50/60Hz

Description: HIGH SPIN WASHER EXTRACTOR - 80 KG – 1NO.

TECHNICAL SPECIFICATION

- Capacity: 80 kg
- Drum Diameter: 1110 mm
- Drum Volume: 807 l
- Wash speed: 36 rpm
- Spin speed: 750 rpm
- G-factor 350
- Door size: (ø540 mm)
- Door frame: Stainless steel
- Net Weight: 2640 kg
- Heating: steam,
- Dimensions: H2000 × W1530 × D1800 mm
- Cabinet: front, service & side panels in stainless AISI 304
- Suspension: 6 springs + 6 shock absorbers
- Drain valve: 2xø103 mm
- Inner drum: stainless steel, Power wash® perforated lifting ribs: more mechanical action, lower water consumption
- Water inlets: Standard 3 water inlet valves 1,5"
- Soap box: 5 plastic compartments
- Liquid soap pumps possible, connected to the soap box by hose
- Graphitronic®: new graphic display with 99 programs in total, 15 programs pre-programmed
- Frequency controlled motor
- Water level: Programmable per unit, can be adjusted manually
- Temperature: Programmable per °C . From 1 to 92 °C
- Buzzer at the end of the cycle
- Emergency button: standard
- Mainswitch:1
- Voltage: 3x380-480V 50/60Hz

Description: HIGH SPIN WASHER EXTRACTOR - 100 KG – 2NO.

TECHNICAL SPECIFICATION

- Capacity: 100 kg
- Drum Diameter: 1200 mm
- Drum Volume: 1003 l
- Wash speed: 35 rpm
- Spin speed: 725 rpm
- G-factor 350
- Door size: Ø650 mm
- Door frame: Stainless steel
- Net Weight: 3170 kg
- Heating: steam.
- Dimensions: H1950 × W1800 × D2010 mm
- Cabinet: front, service & side panels in stainless AISI 304
- Suspension: 6 springs + 6 shock absorbers
- Drain valve: 2xØ103 mm
- Inner drum: stainless steel, Power wash® perforated lifting ribs: more mechanical action, lower water consumption
- Water inlets: Standard 3 water inlet valves 1,5"
- Soap box: 5 plastic compartments
- Liquid soap pumps possible, connected to the soap box by hose
- Graphitronic®: new graphic display with 99 programs in total, 15 programs pre-programmed
- Frequency controlled motor
- Water level: Programmable per unit, can be adjusted manually
- Temperature: Programmable per °C . From 1 to 92 °C
- Buzzer at the end of the cycle
- Emergency button: standard
- Mainswitch:1
- Voltage: 3x380-480V 50/60Hz

Description: INDUSTRIAL CYLINDER HEATED DRYING IRONER – Ø 80CM, WIDTH 320 CM – 1NO.

TECHNICAL SPECIFICATION

- Roller Diameter: 800 mm
- Roller Length: 3200 mm
- Roller speed: 3-15 m/min
- Dimensions (H×W×D): 1970 × 4260 × 1915 mm
- Weight: 2600 kg
- Large surface contact with linen over an angle of 300°

- Chrome-plated cylinder for a better thermal conduction
- Finger protection and emergency button for more safety
- Durable NOMEX ironing belts
- Over dimensioned fan for flexible installation.
- Automatic cool down
- MCX - easy to operate microprocessor.
- Indication of ironing speed and temperature
- Reserve mode possible
- Frequency controlled motor
- Heating: steam

Description: VACUUM IRONING TABLE ,WITH MANUAL HEIGHT ADJUSTMENT – 2No.

Technical specification

- Vacuum ironing table : Manual height adjustment from 930mm to 750mm.
- Very powerful vacuum with built in vacuum unit operated by a pedal.
- Steam iron group.
- Electric boiler.
- Weight: 2600 kg
- Power required : 230V/1Ph/50Hz.
- Vacuum Motor : 0.6kw
- Vacuum Outlet : 100mm.
- Board heating : 1Kw.
- Board dimensions : 1100X380X230mm
- Encumbrance : 1350X500 mm.
- Net weight :56 Kg.

3-PASS FULLY AUTOMATIC WET-BACK SHELL TYPE SMOKE-TUBE OIL-FIRED STEAM BOILER. THE BOILER COMPLETE WITH STEAM DOME- 2 NOS.

Capacity Boiler	:	600 Kg/hr f & a 100 Degree Celsius
Burner	:	Imported Mono-Black Type
Make of Burner	:	Flamco/FBR
Fuel	:	HSD/LDO
Feed Water Pump	:	2 units
(Centrifugal)		
Chimney	:	Guy Rope Type (60 feets)
Fusible Plup	:	2 nos.
Water Level Controller	:	1 Set

Water Level Indicator	:	2 Sets
Smoke Tube Thickness	:	3.60 mm
Boiler Shell Thickness	:	12 mm
Boiler Tube Plate Thickness	:	16 mm

Steam generating capacity: 600 kg/hr or more if required.

Working pressure: 10.54 kg/ sq. cm

Steam Temperature: minimum 185° C

Fuel : HSD

Thermal efficiency (NCV)Min :90±2 %

Dual feed pump inlet supply arrangement for standby.

Burner Control :On-off

Water Pump Motor :2 HP

Electric Supply :3 PH, 415V AC, 4 wire system

Three pass reverse flue design

Fully automated burner control.

Shell type.

Centrifugal water pump motor assembly

Pre-wired control panel with sequence controller, fuse, temperature controller, contactors pressure switch etc.

Pressure jet burner assembly.

Blower fuel pumps motor assembly.

Pressure indicator to indicate fuel pressure.

Pressure switch to maintain constant steam pressure by controlling burner on off operation.

Light dependent resistance to sense the flame failure and give audio visual alarm.

Temperature indicator cum controller to indicate steam temperature & for safety against steam superheat.

Steam safety valve at the unit outlet

AIR COMPRESSURE – 1No.

- a. Capacity – 5 HP.
- b. Delivery rate – 12.5 to 15 CFM, Tank capacity of 200 litres.
- c. Compact package with less floor space.
- d. Air receiver conforming to ASME & Euro norms.
- e. Designed for continuous duty.
- f. Forged steel crank shaft.
- g. Pressure relief valve for extra safety.
- h. Convenient oil sight glass and oil drain.
- i. Low wear stainless steel valves.
- j. Deep finned cast iron cylinders.
- k. Dynamically designed fan for efficient cooling.
- l. High drive efficiency.

WATER SOFTENER- 1 NO

- a. MS tanks (both Filter & Softener) with suitable diameter.
- b. Working pressure 1.5 to 3.5 Kg/cm².
- c. Test pressure 10 Kg/cm².
- d. Capacity: 10 m³ /hr.
- e. Prevention of scaling in pipe line.
- f. Compact system for treatment of hardness of water.
- g. Tanks for salt regeneration.
- h. Top mounted multiport valve for handling clockwise or anticlockwise for different functions for rinse brine solution and back wash.
- i. Should be of reputed make, with adequate life requiring less maintenance and less consumables.
- j. Pipe line 40 mm PVC or as required.

WET & DRY LINEN TROLLEY-8NOS

- a. Size: L 40" X B30" X H34"
- b. Making square of min.6"x6" having Castor wheels of 6 " dia.
- c. MOC: - Stainless steel.

CHEMICAL RACKS-4 NOS

Racks of suitable size having stainless steel construction for placement of Chemicals

ALL THE REQUIRED CIVIL, PLUMBING, MECHANICAL AND ELECTRICAL WORKS FOR INSTALLATION WILL HAVE TO BE DONE BY THE BIDDER AS PER NEED OF THEIR COMPLETE SET INCLUDING DEEP WHOLE BORING, WATER TANK FOR SMOOTH FUNCTIONING OF THE COMPLETE SYSTEM AND DRAINAGE SYSTEM FROM LAUNDRY TO THE MAIN DRAINAGE OF RIMS.