



REVERSE OSMOSIS PLANT

MODEL : X'AT

MOC : SS



C-1. Raw Water Pump(Client Scope) :

- 1. Multi Media Filter :**
- 2. Dosing System**
- 3. Micron Cartridge Filter (Pre-Treatment)**
- 4. High Pressure Pump**
- 5. Reverse Osmosis System**

C-2. Ro Water Storage Tank

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INDIAN ION EXCHANGE & CHEMICALS LIMITED
इण्डियन आयन एक्सचेंज एंड केमिकल्स लिमिटेड

SPECIAL FEATURES :

- TOTAL SS PLANT
- ISI APPROVED QUALITY
- HIGH GRADE SS316L STEEL
- UV SYSTEM - JAPANESE TECHNOLOGY
- WATER SYSTEM - EUROPEAN TECHNOLOGY
- MEMBRANE FROM USA

NO	DESCRIPTION	PRICE
1 to 9	Mineral Water Plant Xcel	₹ 1.98
A - 1	MWP Tank - 500 Ltr	₹ 0.25
A - 2	Ozone System	₹ 0.35
A - 3	Ozone Tank - 500 Ltr	₹ 0.25
SS Piping (Ozone To Filling Section) Apx.		₹ 0.50

SYS-1

COST: ₹ 3.33 Lacs

JAR WASHING MACHINE

TYPE : II STAGE



- Washing Range : 1 Ltr to 20 Ltr Bottles
- Storage Tank & Pipe : SS 304
- Hopper : SS 304
- Motor : 0.5 HP Motor (I Phase)
- Frame Size : L-1050 mm X W-700 X H 625 mm
- Gross Weight : 100 Kgs Appx

SYS-3 3.1

COST: ` 0.35 Lacs

POUCH MACHINE

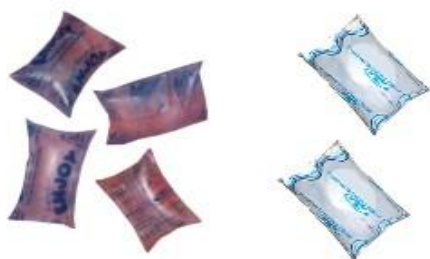
POUCH PACKING MACHINE

Super Shining
SINGLE HEAD



FULLY AUTOMATIC FORM, FILL & SEAL MACHINE.

- Gravity filter system to pack various free flow liquids like Mineral Water.
- High accuracy
- Easy to operate
- Very low maintenance
- Filling Range : 200ml to 1000ml
- Speed : 3000 Pouch/Hour
- Packing Material : Polyethylene film



SYS-3 3.2

COST: ` 1.45 Lacs

BLOW MOLDING MACHINE

Semi Auto Bottle Mfg. Blow Molding Machine



SEMI AUTO BLOW MOULDING – 1000 BPH

Model : SSPI/2000

Capacity : 30ml to 2ltr,

Prod. Capacity: 1000 BPH ,

Mould:

Maximum mould thickness-150mm

Minimum mould thickness -140mm

Clamping Force- 8 ton

Oven:

Number of Preform Holders-74

Number of Heating Modules- 1

Number of Heating Zones - 8

Lamp Power- 2000 W

Lamp Length -1120mm

Stretching:

Number of Stretch Rods-2

Stretching Stroke Max.-400 mm

Air Requirement:

Operating Pressure - 8 Bar

Blowing Pressure-28 Bar max.

Technical specifications:

1.Infrared pre-heating system

2.Indexing Conveyor similar to fully

AUTOMATIC Machine

Accessories required for above Machine:-



Power requirement for our above Machine

Particulars	Specification	Qty.No.
Compressor 20 HP - High Pressure, 37 CFM	Inclusive our price	1
Cooling System	Inclusive our price	1
Air Dryer - 40 CFM	Optional	1

Particulars	Kw
Machine without utility	15.00
Motor	0.5
Compressor (20hp high pressure)	15.5
Chiller	2.00
Air Dryer	2.00
Total Connected load require with utility (Install Power)	35.00 (46.7hp approx)

SYS-3 3.3

COST: ` 7.50 Lacs

GLASS MACHINE

Fully Auto Glass Machine



**AUTOMATIC CUP / GLASS RINSING,
FILLING & SEALING MACHINE**

Model No : IIECF-95

Source	:	220V, 50Hz
Output	:	2000 cup/hr
Temp	:	0-300°C
Motor	:	PE,PP,PET/PE/AL
Dimension	:	1700x540x1400 mm approx
Weight	:	300 KG approx

Stations of the machine are as follows

- Plastic Cup Dropping Station
- Filling Station
- Aluminum Foil Lid Placing station
- Sealing Station
- Dating Station
- Exit Conveyor

SYS-3 3.4

COST: ` 4.50 Lacs

DIGITAL BATCH CODING MACHINE



It's time to raise your expectations about what a printer can do. The new 1000 Line of continuous ink jet printers is engineered to keep your production line up and running longer.

So advanced, they automate setup and cleaning. So well-designed, they make maintenance easier than ever. All of which adds up to more continuous productivity — and greater lifetime value than any other unit. The 1000 Line is designed for maximum mobility.

It's compact and lightweight, with built-in handles for easy transport. Also, it does not require plant air, making it even more portable.

Up to 3 lines of print with speeds up to 533 fpm (162 mpm)

- IP55
- 6,000 hour core
- 2m umbilical (3m option)
- 100 message storage
- USB

SYS-3 3.5

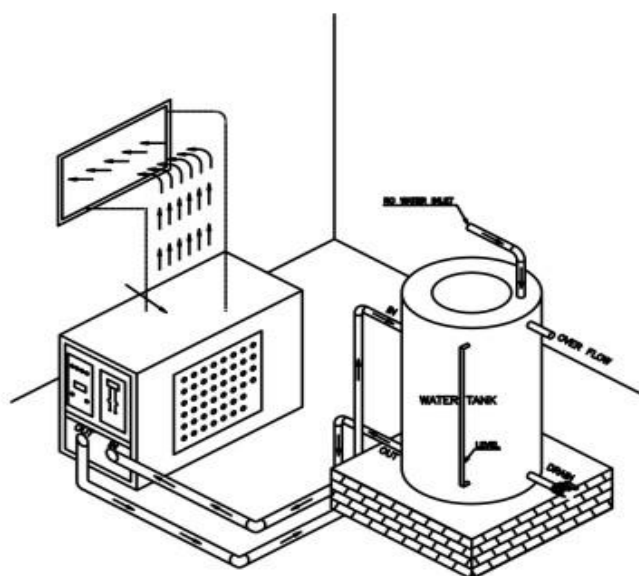
COST: ` 2.51 Lacs

CHILLER

ONLINE CHILLER



- Body : Ms Structure & SS Tank
- Insulation : Puf Insulation
- Compressor : Kirlosker Make Compressor
- Motor : ISI Standard fan Motor 18" Fans)
- Condenser : Fence Type
- Refrigerant : R-22



SYS-3 3.6

COST: ` 1.80 Lacs

VALUE ADDED TECHNOLOGY

EMF TECHNOLOGY



PROCESS

Indian Ion Exchange introduces EMF a latest state of art water treatment technology based on Electro Negativity and Electro Motive Force. It's a online treatment system non-chemical, without power & Resins.

FUNCTION

Indian Ion Exchange introduces EMF a latest EMF system is processed of sixteen Precious and semi Precious metal with thousands of ventures and thousands of Cathode and Anodes.

TECHNICAL SPECIFICATION

Quantity Offered	:	One No.
Type	:	Down Flow
Operating Flow rate:	:	1.25 M3
Operating Pressure:	:	2.5 Kg/cm2.
M.O.C. of Shell	:	S.S.R.L.

SYS-4 4.1

COST: ` 0.76 Lacs

VALUE ADDED TECHNOLOGY

SPRING TECHNOLOGY



PROCESS

In nature, when the water fall from Mountain, it passes through various stone, metals, etc with velocity & impact thrust. During the time Air the resist it with its own velocity from bottom to top. Heavy friction results in remaining of gaseous impurity from water. Degas faction & enrichment of Oxygen (O₂). Hence Sweetness becomes is part of Spring Water

FUNCTION

The same natural technology is accepted by us, Here we provide one SS vessels, where, we inlet the water from Top of the systems and Enter the Air thorough Compressor from Bottom side. The aeration process between water and Air in center chamber passes various vendors & metals. The cavity gums water a fine filtration touch & also it is designed in such a friction that the water gets maximum time with air for artificial aeration. When the (Aeration) process are working, the Gaseous Impurities are separated and removed from Top of the Vessels though head Nozzle. The water after Aeration process becomes a Sweeter, free from Physical, Chemical, Biological and most importantly that Gaseous Impurities.

TECHNICAL SPECIFICATION

Quantity Offered	:	One No.
Type	:	Down Flow
Operating Flow rate:	:	0.25 M3
Operating Pressure:	:	2.0 Kg/cm ² .
M.O.C. of Shell	:	S.S.R.L.

SYS-4 4.2

COST: ` 0.45 Lacs

VALUE ADDED TECHNOLOGY

GAC TECHNOLOGY



PROCESS

GAC Filtration is important water of purification system of mineral water. While doing reverse osmosis the Total Dissolved Solid are reduced but the ratio of **Ca** to **TDS**, **Cl** to **Na**, **TH** to **Alk** etc., are not changed. Hence the taste traces remain same as Raw water.

FUNCTION

The Zeta potential granule anthracite combination will make above ratio changed in its limit. Hence, polishing of product water and improvement of good taste while processing through GAC. The Zeta potential granule anthracite combination will make above ratio changed in its limit. Hence, polishing of product water and improvement of good taste while processing through GAC.

TECHNICAL SPECIFICATION

Quantity Offered	:	One No.
Type	:	Down Flow
Operating Flow rate:	:	0.25 M3
Operating Pressure:	:	2.0 Kg/cm2.
M.O.C. of Shell	:	S.S.R.L.

SYS-4 4.3

COST: ` 0.19 Lacs

VALUE ADDED TECHNOLOGY

SILVER TECHNOLOGY



PROCESS

The Silver is dispraise by electrolysis process

FUNCTION

Silver Touch gives good germicidul effect which result in better life & good feature

TECHNICAL SPECIFICATION

Quantity Offered	:	One No.
Type	:	Down Flow
Operating Flow rate:	:	0.25 M3
Operating Pressure:	:	2.0 Kg/cm2.
M.O.C. of Shell	:	S.S.R.L.

SYS-4 4.4

COST: ` 0.75 Lacs

VALUE ADDED TECHNOLOGY

OZONE BOOSTER TECHNOLOGY



PROCESS

Ozone is a Tri atmospheric form of Oxygen, which unstable gas made from oxygen form atmospheric air which is use to oxidize all harmful Bacteria, Virus, Organic Matter, & Bad odor presence in water.

FUNCTION

This is a HDPE vertical storage tank is required for storage of ozone Product water. Inlet/Outlet PVC/HDPE pipe work with suitable isolation valves, levels Indicator, etc. are provided.

TECHNICAL SPECIFICATION

Quantity Offered	:	One No.
Type	:	Down Flow
Operating Flow rate:	:	0.25 M3
Operating Pressure:	:	2.0 Kg/cm2.
M.O.C. of Shell	:	S.S.R.L.

SYS-4 4.5

COST: ` 0.98 Lacs