



indocorp

AFRO ASIAN CONSULTANTS

PRODUCT CATALOGUE ◆

❖ OVERVIEW

Introducing “INDOCORP”, the brand of Springboard Enterprises (India). Ltd., is situated in National Capital Territory of Delhi which undertakes the projects in various sectors by supplying relevant technology and machinery to African market thereby boosting their economic growth. We are ISO 9001:2015 certified for providing consultancy of all Industrial and Agriculture Implements and Related Services. We feel honored in having the opportunity to specialize in business and trade promotion with a clear objective to enhance small and medium scale industries across Africa, by improving the ability of people and rural entrepreneurs to access markets and by encouraging market oriented private and public investments across Africa.

Our approach is to engage more young people in all relevant sectors as well as training them in other areas of interest.

Indocorp was incorporated in the year 2004 since then the company has tremendously stretched its roots across Africa.

❖ MISSION - THE REASON

With a focus on Africa, we share our lively technologies as we want to make it a country having self-employment, high economic growth, reduced poverty and better living standards in the next coming years.

❖ VISION

Aiming on customer satisfaction, we help to achieve the business objectives by giving innovation and best in-class solutions, providing every possible opportunity to the youth of the nation with better productivity and profitability.

ABOUT US

We undertake supplies & turnkey projects in the following sectors:

Agriculture,
Tractors & Implements
ICT Fisheries
Food Processing & Packaging Industry
Small Scale Industry
Solar Energy & Rural Electrification
Waste & Garbage Management
& many more...

Our services include:

Field Surveys & Investigations
Comparing Alternatives
Viable Project Concepts
Engineering Studies
Tendering Process
Organisation of Workshops,
Seminars & Special Training
Programmes

Projects, we propose to do:

Industrial Park
Power Engineering
Solar Energy
Agromet Campaigning
Ports, Harbours & Inland
Waterways
Natural Resources
Management
Environmental Engineering
Dam & Reservoir Engineering
Low Cost Housing
Water De-salination
Roads & Highway
Engineering

We have an attractive, constantly improving business environment & qualified human resources to execute the projects with utmost professionalism & quality.



CONTENT

- Agriculture
- Dairy
- Drill Rig
- Fisheries
- Food Processing & Packaging Industry
- Irrigation
- Recycling of Waste Paper & Plastic
- Small Scale Industry
- Solar Energy & Rural Electrification
- Waste & Garbage Management
- Miscellaneous
- Automobiles
- Laundry Equipment

BUSINESS
SEGMENTS UNDER
INDOCORP

AGRICULTURE



- Bund Maker
- Combine Harvester
- Leveller
- Offset Disc Harrow
- Plough
- Disc Plough
- Mounted Mould Board Plough
- Potato Planter
- Potato Digger
- Tiller
- Power Tiller
- Rotary Tiller
- Springloaded Tiller
- Reaper
- Rice Mill
- Rice Transplanter
- Subsoiler
- Thresher
- Haramba Thresher
- Multicrop Thresher
- Paddy Thresher
- Tractor
- Trailer
- Non-Tipping
- Tipping
- Zero Till Seed Cum
- Fertilizer Drill Machine

BUND MAKER

It is used for making irrigation bunds of the size and shape in order to match the respective crop and soil for efficient use of soil and water.

Features

- »»» Heavy duty box type frame
- »»» High quality steel disk
- »»» Size and depth of ridge can be adjusted



COMBINE HARVESTER

It harvests grain crops. It combines three separate operations comprising harvesting-reaping, threshing and winnowing into a single process. The waste straw left behind in the field, including dried stems and leaves of the crop, is either chopped and spread on the field or baled for feed and bedding for livestock.



Features

- »»» Thorough threshing and clear separation
- »»» Low grain breakage and high grain cleanness small truing radius
- »»» Well adaptation to the crops of slightly wet, lodged or hard to thresh and good maneuverability in the wet and soft field

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LEVELLER

To obtain better degree of cultivation, a leveller ensures grading and smoothing of land to uniform plane surface.

Features

- »»» Rugged and is directly fitted to the tractor
- »»» 10 mm single plate, duly reinforced
- »»» Leveling blade is made out of special steel delivering it double the life compared to other ordinary blades



OFFSET DISC HARROW

Having the penetration ability to break down large clods normally left after disc ploughing in hard grounds, it is ideal for chopping and mixing of stubbles and crop residues in the soils. It aerates the soil thereby allowing moisture conservation for longer periods and eradication of weeds.



Features

- »»» Strong and sturdy main frame with Boron steel disc
- »»» Heavy duty chilled cast iron spools to provide center weight
- »»» Optional wheels can be provided for towing on roads

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PLOUGH

A tool used for initial cultivation of soil in preparation for sowing seed and planting. It turns over the upper layer of soil, bringing fresh nutrients to the surface, while burying weeds and remains of previous crops allowing them to breakdown.

Variants

- »»» Disc Plough
- »»» Mounted Mould Board Plough

PLOUGH | DISC PLOUGH

It is used to open the new fields and to process the stoney areas and is designed to work in all types of soil for basic functions such as soil breaking, soil raising, soil turning and soil mixing . In addition, it is used for deep ploughing in root-infested, sticky, stony and hard soils.



Features

- »»» Directly mounted to the tractors
- »»» Extra heavy duty pipe frame has higher trash clearance allowing the plough to operate under heavy crop residue
- »»» In conformity within the soil conditions it is being produced with 2, 3 and 4 bottoms version with an option for extra kit for converting it to extra bottom plough

AGRICULTURE



PLOUGH | MOUNTED MOULD BOARD PLOUGH

It is the most important plough for primary tillage in canal irrigated or heavy rain areas where too much weeds grow. The mould board is used to completely invert and pulverize the soil, up-root all weeds, trash and crop residues and bury them under the soil.

The undesired growth is completely buried and is subsequently turned into manure after decomposition.



Features

- »»» The under frame and unit to unit clearance are adequate to cope with trashy conditions
- »»» The plough has special ware resistant steel bottoms with bar points for toughest ploughing jobs
- »»» Bar point bottoms ensure longer life as they can be extended or reversed and reused till the last possible length

POTATO PLANTER

It has the ability to plant any size of potatoes.

Features

- »»» Fertilizer attachment is available
- »»» Driven by the Power Take Off (PTO) of a tractor
- »»» Planter 2 and 4 rows
- »»» Adjustable spacing between rows 65 to 70 cm
- »»» Adjustable planting depth: 6-12 cm
- »»» Hopper capacity : 180 kg
- »»» Adjustable metal wheels for spacing potatoes on the line : 29 - 32-35 cm
- »»» 2 plowshares planting
- »»» 3 stops
- »»» Weight: 220 kg



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POTATO DIGGER

It is made to dig one row of potatoes or other root crops. The machines can be pulled on the centerline of the tractor or offset, while straddling two rows and digging one. The standard diggers return the produce onto the dug soil after shaking the soil through chain.

Features

- »» Harvests all sizes of potatoes
- »» Driven by the PTO of a tractor



TILLER | POWER TILLER

It is a multipurpose device used for operations such as pumping, tilling, cultivating, bund formation, paddy operations, spraying and transportation.

Features

- »» It ranges from in 9 to 15 HP
- »» Engine Model: 12 DI
- »» Engine Power (HP) & RPM: 12 H @ 2400 rpm
- »» Bore X Stroke (mm): 94/90
- »» Fuel consumption: 1.25-1.3 Ltr/hr
- »» Gears: 6F, 2R
- »» No. of Tynes: 20+20 (Bent & Straight)
- »» Tilling Width: 620-650 mm
- »» Tilling Depth: 50-100 mm



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TILLER | ROTARY TILLER

It is a motorized cultivator that turns the soil by means of rotating tynes or blades. It does smooth and speedy preparation of field and enhances soil fertility.

Features

- »» Long lasting blades made of special quality wear resistant steel
- »» High quality drive shaft and sealed bearings, preventing moisture/mud entry
- »» Well shaped adjustable rare trailing board



TILLER | SPRINGLOADED TILLER

It is suitable for use in stone and root-obstructed soil. When one tyne strikes a hidden object, too firmly fixed to be moved, the others continue to work at the correct depth. This equipment may be used for loosening and aerating soil to a depth of nine inches preparing seed beds quickly and economically.

Features

- »» Suitable for use in stone & root obstructed soil and suitable for light & medium soil condition
- »» When one tyne strikes a hidden object, the others continue to work at the correct path
- »» Springloaded assemblies derive their strength from the heavy duty angles, which are fixed to the strong main frame.



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REAPER (STRAW REAPER)

It is used for cutting stub ends of wheat crop left in the fields after cutting by Combine Harvester, which simultaneously cuts these remnants into small pieces to make straw (chaff) which is used as cattle feed. Its outer pipe is attached to tractor trolley covered with net to collect the chaff.

Features

- »»» Brackets used in gear box and pulleys are made out of good castings
- »»» Sharp quality blade allows fine cutting



RICE MILL

An agricultural set up, a Rice Mill is used to automate the process of removing the chaff and the outer husks of rice grain. The processes are mechanized. The machines are appreciated for high durability and smooth functioning.



Features

- »»» High speed rice whitening mechanism
- »»» Easy installation
- »»» Durable
- »»» Wide usage

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RICE TRANSPLANTER

It is used for transplanting mat type paddy seedlings and is suitable for all transplanted type paddy varieties. It requires considerably less time and labour than manual transplanting.

Features

- »»» Requires less time and labour than manual transplanting
- »»» Considerably increases the approximate area that a person can plant per day



SUBSOILER

It loosens and shatters compact soil layers by creating many cracks and fissures thereby allowing roots to develop more freely and water to move down more rapidly. This equipment can be easily operated by trailing behind the tractor.



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Features

- »»» It can plough up to 55 c.m. depth
- »»» It fights draught by increasing the ground storage capacity
- »»» It increases soil turnover by reaching deeper organic matter layers

THRESHER

A thresher separates straws and grains from the harvested crops.

Variants

- »» Haramba Thresher
- »» Multicrop Thresher
- »» Paddy Thresher

THRESHER | HARAMBA THRESHER

It is designed in a way that it doesn't break grains. Due to specialized setting of sieves and pressure of fans, a very clean crop product is received.



Features

- »» Threshes barley and soybean
- »» Suitable for the crops like Wheat, Gram, Mustard, Soya, Milles etc
- »» Automatic feeding system providing along with self feed system
- »» Durable speed system provided to control the speed of the threshing drum

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THRESHER | MULTICROP THRESHER

It removes the grains from ears, pods etc. without damaging the grains and separating grain from straw. Straw is broken into small pieces & discharged through main blower & grain is collected in bags through eccentric vibrating sieve.

Features

- »» Threshes wheat and sorghum
- »» Threshers from 12.5 to 35 H.P
- »» Double speed system gives excellent cleaning



THRESHER | PADDY THRESHER

It entirely separates the husks & grains and blows them in the other direction because of its fanning and delivering system and diesel.

Features

- »» Threshes wheat and oat
- »» Diameter : 815mm, Width : 1448mm
- »» No. of Bar : 45, No. of Spike : 28, No. of Blower : 1
- »» No. of Cleaning Blower: Provided
- »» Blower Speed : Fixed, Sieves : 3, Load Wheel : 2
- »» Thresher Header Feeding Type : Direct Feeding
- »» Drive : Main Shaft
- »» Range of speed corresponding to Engine rpm : Fixed (700rpm)
- »» Concave : Paddy

AGRICULTURE





TRACTOR

It is used for hauling a trailer or any machinery used in agriculture. It may also provide a source of power if the implement is mechanized. It is basically used for ploughing, harvesting and transporting.

Features

- »» Range available 25 HP to 80 HP



TRAILOR | NON-TIPPING

It is used for general purposes such as transporting agricultural inputs and harvests from farms.

Features

- »» Available in 2 wheels and 4 wheels options
- »» Capacity available 2 to 20 tonnes



TRAILOR | TIPPING

It can easily be attached to various agricultural implements for carrying seeds, harvested crops, fertilizers, etc. It is available in various sizes to be fitted to any models of the tractor.

Features

- »» Ensures efficient off loading of the material
- »» Available in 2 wheels and 4 wheels options
- »» Capacity available 2 to 20 tonnes



AGRICULTURE



PRUNING MACHINE

An important agriculture equipment, it consists of extremely sharp blades allowing a clean and precise cut of the leaves.

Features

- »» 1 cutting board with 8 disc saws Ø 40 cm – cutting length: 270 cm;
- »» 2 motors 25 CC with anti-cavitation valve;
- »» Frame with 4 hydraulic movements (lift, inclination, 1st telescopic arm, 2nd arm with parallelogram);
- »» Electro-hydraulic controls with proportional joystick; Independent hydraulic kit, with 2 pumps, , oil cooler and cardan joint;
- »» Support stand for storage; Weight : 605 Kg. (pruner only)



ZERO TILL SEED CUM FERTILIZER DRILL MACHINE

It minimizes the losses due to delayed sowing and simultaneously saves the cost involved in land preparation. Due to automatic cut of mechanism, there is no possibility of shortage or excess feed of seed or fertilizer. It can be used for any type of soil and can also be used as a cultivator.

Features

- »» Different crops e.g. wheat, barley, peas, pulses etc. can be sowed in prepared field with fertilizers
- »» Saves the diesel, tractor's working time, labour and gives higher yield



AGRICULTURE

DAIRY

Automatic Milk Packing Machine

Bulk Milk Cooling Tank

Butter Churner

Composite Dairy Plant for Milk Product

Cottage Cheese Unit

Cream Separator

Milk Analyzers

Electronic Milk Analyzer

Master Mini Milk Analyzer

Milk Can

Milk Pasteurizer

Milk Testing Equipments

Hand Operated Centrifuge

Electric Centrifuge

Milk Adulteration Testing Kit

Other Laboratory Equipments

Milk Vending Machine

Milking Machine



AUTOMATIC MILK PACKING MACHINE

This machine is widely used to pack liquids of low and high viscosity such as milk, fresh cream, curd, lassi, flavoured milk, pure water, juice, soy sauce, vinegar and wine in addition to certain other beverages. It can automatically sterilize the film with ultra violet rays, form the bag, print the code precisely, fill the product, and seal & cut at one time.

Features

- »»» The output of this machine is 1300-1600 bags per hour
- »»» Capacity of packs is 200-500-1000 mL
- »»» Power requirement is 0.75 KW, 220V AC/380V, AC
- »»» Size of this machine is 950X850X1900 mm
- »»» It can use single layer PE film and also co-extrusion film



BULK MILK COOLING TANK

The direct expansion cooling tank (open tank round shape), that appreciably cools milk, has large opening lids for convenient accessibility and rounded internal corners to facilitate cleaning. Digital temperature display is 35°C to 4°C within 3 hours for first milking & 10°C to 4°C within 1.5 hours for the second milking.



Features

- »»» Tank insulation is provided by factory injected polyurethane foam of 50 mm
- »»» The condensing unit is beneath the tank
- »»» Less space occupancy, Low running cost
- »»» Maintenance of high standard of milk hygiene
- »»» Reduced electricity consumption, 20 volts single phase, 50 HZ supply
- »»» Capacities available -100, 200, 250, 500, 1000 & 2000 ltrs.

DAIRY



BUTTER CHURNER

This machine helps in converting cream into butter.

Features

- »» Capacity is 4.5 Ltrs. to 60 Ltrs.

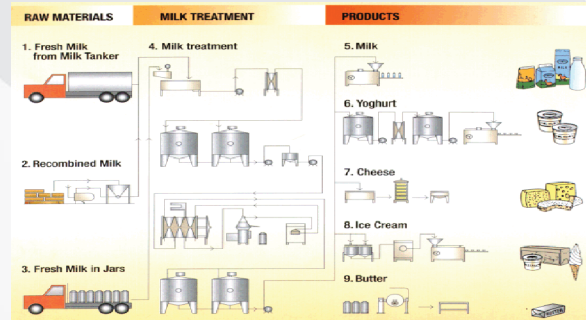
Variants:

- »» Manual Model
- »» Electric Model



COMPOSITE DAIRY PLANT FOR MILK PRODUCT

This plant consists of milk reception, homogenization, heating, using LTLT (Batch) technology. The final product is packed using manual filling & sealing system in plastic pre-formed cups, glasses and pouches.



Features

- »» It has provision for incubation chamber and cold storage for the finished product
- »» The plant comes with all the utilities for heating and chilling
- »» The plant is also available with mini quality control lab



COTTAGE CHEESE UNIT

It produces cottage cheese and is triple jacketed with the provision of hot water circulation. It also includes cheese press pneumatically operated having capacity to hold 5 moulds of 10 kgs.

Features

- »» Cheese vat-500 Ltrs.
- »» Made out of SS-304
- »» Vat is equipped with agitator and cheese knife



CREAM SEPARATOR

This machine helps to extract cream from milk.

Features

- »» It is available from 60 lph to 550 lph
- »» The centrifugal bowl is made of stainless steel



MILK ANALYZERS | ELECTRONIC MILK ANALYZER

Features

- »»» It is very useful for dairy laboratory and milk collection centers
- »»» For sheep, goat or U.H.T milk pre-calibration from factory is also done on request



MILK ANALYZERS | MASTER MINI MILK ANALYZER

Features

- »»» Very useful for dairy laboratory and milk collection centers



MILK CAN

These storage milk cans come in one piece aluminium alloys and are widely used for storage of milk. Aluminium has been the chosen element as it doesn't react with milk and thus stores it safe.

Features

- »»» Available in different capacities from 10 Ltrs. to 60 Ltrs.
- »»» Durable
- »»» Corrosion Proof
- »»» Tempered
- »»» Hardened
- »»» Cans and lids are ionized



MILK PASTEURIZER

These are triple walled and provide sufficient insulation to provide no heat loss.



Features

- »»» The inner shell is fabricated from stainless steel 304 quality sheet
- »»» A reduction gear box is attached with electric motor fitted on the top
- »»» Agitator SS 304 with shaft and blade is provided on the top
- »»» Available in capacity ranging from 40 Ltrs. to 500 Ltrs.



MILK TESTING EQUIPMENTS

These machines are used to test various characteristics and features of a milk sample.

Variants

- »» Hand Operated Centrifuge
- »» Electric Centrifuge
- »» Milk Adulteration Testing Kit
- »» Other Laboratory Equipments
- Milk Can



MILK TESTING EQUIPMENTS | HAND OPERATED CENTRIFUGE

Features

- »» Very useful for dairy laboratory and milk collection centers



MILK TESTING EQUIPMENTS | ELECTRIC CENTRIFUGE

Features

- »» Special motor
- »» Rapid braking angle head with 0-5 minute timer
- »» Can be easily placed on laboratory table



MILK TESTING EQUIPMENTS | MILK ADULTERATION TESTING KIT

Features

- »» It possesses latest technologies and is capable of detecting 13 adulterants namely:
- »» Urea
- »» Starch

- »» Soda
- »» Detergent
- »» Sugar
- »» Glucose
- »» Salt
- »» Hydrogen peroxide
- »» Formalin
- »» Borax
- »» M.O.T.
- »» Sweet or Sour Milk
- »» Maltose



MILK VENDING MACHINE

This machine is made up from Stainless Steel to facilitate hygienic way of dispensing loose milk, refrigerated tank for maintaining the temperature at 4o C.

Features

- »»» Electronic push button operated control panel with separate buttons for dispensing 250 ml, 500 ml and 1000 ml
- »»» Charger with battery is also provided for uninterrupted power supply for vending milk upto 3 hours



MILKING MACHINE

It is an easy substitute to hand milking and reduces the time consumed to almost half as compared to hand milking. In addition, this method stops the spillage of milk.

Features

- »»» Low Cost
- »»» Easy to Maintain

Variants

- »»» Manual Model
- »»» Electric Model
- »»» Engine Model



DRILL RIG

- Drill Rig
- Autoloader
- Double Super
- DTH Drill Rig
- OZ Rig
- Speed Star
- Tractor Mounted Hydraulic Rig
- Trailer Mounted Drill Rig
- Wagon Drill Rig



DRILL RIG

It is a machine which creates holes, and/or shafts in the ground. Drilling rigs can be massive when used to drill water wells, oil wells, or natural gas extraction wells, or they can be small enough to be moved manually by one person. They sample sub-surface mineral deposits, test rock, soil and groundwater physical properties, and also can be used to install sub-surface fabrications, such as underground utilities, instrumentation, tunnels or wells. Drilling rigs can be mobile, mounted on trucks, tracks or trailers, or more permanent land and marine-based structures.



AUTOLOADER

Features

- »» Remote controlled hydraulic pilot rod handling arrangement.
- »» Rock rack can hold total of 45 no.s of 6 m drill pipes 4 ½" OD which can be raised and lowered with hydraulic cylinder.
- »» X-Y-Z axis movement of the rod is done with hydraulic cylinder and motor control; thus, reducing burden on manual labour.

DRILL RIG





DOUBLE SUPER

WAGON DRILL RIG

Features

Consists of hydraulic motor driven screw type mud pump.

Specifications

Drill Hole Diameter	6" to 8" dia boreholes
Drill Depth	300 mtrs.



DTH DRILL RIG

Features

Drilling can be done up to a maximum depth of 1000 feet (300 m)

Specifications

Drilling Hole Diameter	6.5"
Maximum Drill Diameter	9"
Maximum Drilling Depth feet	1000"
Length of the Drill Pipe	20 feet



Features

- »»» Perfect light weight and heavy duty equipment
- »»» Drilling operations can be carried out by DTH method in mines, quarries and construction projects etc.

Specifications

Rotation Unit Traverse	2.43 mtrs.
Ht. Mast Raised Lowered	363 mtrs.
Width	1.8 mtrs
Minimum HT of Drilling	0.9 mz.



TRACTOR MOUNTED HYDRAULIC RIG

Features

- »» Tractor mounted top drive hydraulically operated drilling rig Extracts main power from tractor engine
- »» Capable of drilling using DTH method to a depth of 150 mtrs.



TRAILER MOUNTED DRILL RIG

Features

- »» Hydraulically operated equipment
- »» Drilling is done by air, mud or foam drilling methods and is fast and cost effective



DRILL RIG

OZ RIG

Specifications

- »» Capacity: 6" to 12" dia bore holes to a depth of 750 mtr (2500 feet)
- »» Prime Mover: Truck mounted rig with power from truck engine or separate deck engine
- »» Work Method: Rotation with direct circulation, nucleus destruction with bleeding by air, water, foam by drilling by drag bit (over burden), Roto percussion with DTH hammer
- »» Hydraulic Oil Cooler: 90 GPM fin type cooler fan drive through hydraulic motor



SPEED STAR

Specifications

- »» CAPACITY: 8" bore holes to a depth of 363 mtr (1200ft)
- »» Prime Mover: Truck mounted rig with power from truck engine through transfer gear box
- »» Work Method: Rotation with direct circulation, nucleus destruction with bleeding by water, air or foam. Drilling by drag bit (over burden) Roto percussion with DTH hammer
- »» Hydraulic Oil Cooler: 70 GPM fin type cooler



DRILL RIG

FISHERIES

Fishing Accessories

Fish Finder, Fishing Hook
 Fishing Net, Fishing Reel
 Fishing Rod, Lifebuoy
 Life Jacket, Oar

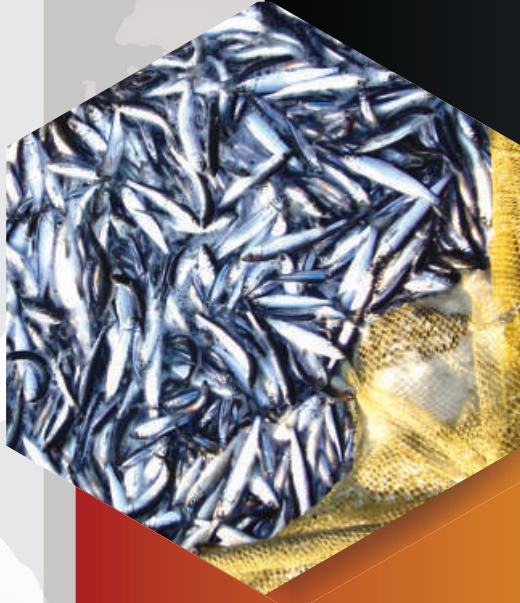
Boat

Aluminium Boat
 FRP Boat
 Inflatable Boat
 Rigid Inflatable Boat

Canoe

Motor

Inboard Motor
 Outboard Motor



FISHING ACCESSORIES | FISHING NET

Fishing nets are meshes usually formed by knotting a relatively thin thread and are used for fishing.



FISHING ACCESSORIES | FISHING REEL

A fishing reel is a device used for the deployment and retrieval of a fishing line using a spool mounted on an axle. Fishing reels are traditionally used in the recreational sport of angling. They are most often used in conjunction with a fishing rod, though some specialized reels are mounted directly to boat gunwales or transoms.

FISHERIES



FISHING ACCESSORIES | FISH FINDER

Fishfinder is a type of fathometer, both being specialized types of echo sounding systems, a type of active SONAR. ('Sounding' is the measurement of water depth, a historical nautical term of very long usage.) The fishfinder uses active sonar to detect fish and 'the bottom' so as to display them on a graphical display device, generally a LCD or CRT screen.



FISHING ACCESSORIES | FISHING HOOK

It is a device used for catching fish either by impaling them in the mouth or, more rarely by snagging the body of the fish. Fish hooks are designed to hold various types of artificial, processed, dead or live baits to act as the foundation for artificial representations of fish prey; or to be attached to or integrated into other devices that represent fish prey.



FISHING ACCESSORIES | LIFE JACKET

It is a device designed to assist a wearer, either conscious or unconscious, to keep afloat with his or her mouth and nose of his or her face above the water surface, when in or on water.



FISHING ACCESSORIES | OAR

It is an implement used for water borne propulsion. An oar is generally connected to the vessel by means of rowlocks or holes which transmit the applied force to the boat.





FISHING ACCESSORIES | FISHING ROD

It is used to catch fish, usually in conjunction with the pastime of angling. A length of fishing line is attached to a long, flexible rod or pole: one end terminates in a hook for catching the fish. The longer the rod, the greater the mechanical advantage in casting.



FISHING ACCESSORIES | LIFEBOUOY

It is a life saving buoy designed to be thrown to a person in the water, to provide buoyancy, to prevent drowning. Some modern lifebuoys are fitted with a seawater-activated light, or lights, to aid rescue at night. They are carried by ships and are also located beside bodies of water that have the depth or potential to drown someone.



BOAT

A boat is a watercraft of different size designed to float in water. A boat is generally small enough to be carried aboard by another vessel.

Variants

- »»» Aluminium Boats
- »»» FRP Boats
- »»» Inflatable Boats
- »»» Rigid Inflatable Boats



Inflatable Boat



FRP Boat



Aluminium Boat

BOAT | ALUMINIUM BOAT

Features

- »»» Made by using latest interlock technology available only in India



BOAT | FRP BOAT

Features

- »» These are designed for rescue, patrolling, work, tourism and survey work ranging from 3 mtrs. to 14 mtrs.
- »» Available carrying capacity is up to 50 people



BOAT | INFLATABLE BOAT

Features

- »» A variety of fully inflatable boats of hyperons and neoprene material are available for commercial, professional and leisure applications
- »» Available with a carrying capacity of up to 18 people and a power option of up to 60 HP (OBM)
- »» These boats can be customized to any given specifications



FISHERIES

BOAT | RIGID INFLATABLE BOAT

Features

- »» High speed boats that are extremely stable in extreme sea conditions and are used for patrolling, rescue, relief and mob purposes
- »» These are V-shaped, designed for excellent sea keeping with an option of inflatable hypalon and hard closed cell foam collars
- »» Boat lengths ranging from 4 mtrs. to 21 mtrs.



CANOE

It is a small narrow boat, typically human-powered, though it may also be powered by sails or small electric or gas motors. Canoes usually are pointed at both bow & stern and are normally open on top, but can be decked over.

Features

- »» FRP canoes are available
- »» Repairing of old wooden dugout canoes is also done

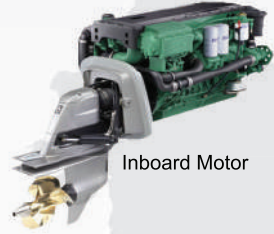


FISHERIES

It is a propulsion system for boats.

Variants

- »» Inboard Motor
- »» Outboard Motor



Inboard Motor



Outboard Motor

MOTOR | INBOARD MOTOR

Features

- »» Engine is mounted enclosed within the hull of the boat connected to propulsion screw by a drive shaft



FISHERIES

MOTOR | OUTBOARD MOTOR

Features

- »» Available capacity is 2 HP to 300 HP with 2 stroke and 4 stroke engine
- »» Engine is mounted outside hull of the craft



FISHERIES

FOOD PROCESSING & PACKAGING INDUSTRY

- Boiler
- Bottle Filling Plant
- Canning Retort
- Cashew Nut Processing Plant
- Colloidal Mill
- Crown Corking Machine
- Dehydrator
- Dicing & Cubing Machine
- Double Seaming Machine
- Fruit & Vegetable Washing Machine
- Mill
- Fruit Mill
- Hammer Mill
- Hydraulic Juice Press
- Juice Extracting Machine
- Pea Grader
- Pea Huller
- Pineapple Machine
- Pulper
- Reforming Unit
- Steam Jacketted Kettle
- Soya Milk Machine
- Vacuum Filling Machine



CANNING RETORT

It functions analogous to a pressure cooker made of compressed mild steel plate with pressure gauge, safety valve and steam pet cock.

Features

- »» Capacity available 280/300, A2-1/2 cans, without crate
- »» Retort and crates are painted with heat resistance paint
- »» Two crates are required for each retort suitable for fruit and vegetable pulp sterilization of cans and bottles after sealing



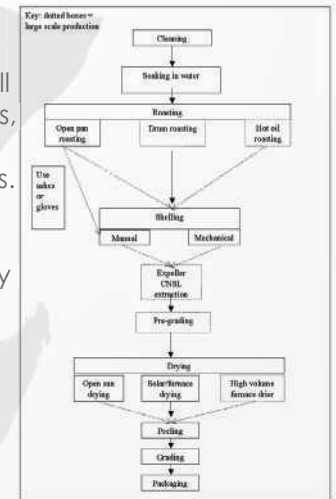
CASHEW NUT PROCESSING PLANT

This process line is of the type of batch production. Cashew nut process has mainly four operations. One operation is performed each day i.e. one complete cycle takes 4 days. The process line includes shell cooking, shell breaking, drying in oven, peeling and grading & packing.

FOOD PROCESSING & PACKAGING INDUSTRY

Features

- »» Available capacities (carnell output) from 30kgs, 60kgs, 160kgs, 320kgs and 500kgs.
- »» Raw material required is four times the capacity of the plant



This boiler gives instant steam within 4 minutes from cold start. The combustion chamber & the smoke passages are accurately designed; thereby, ensuring the occurrence of perfect combustion.

Features

- »» Doesn't require any qualified boiler attendant
- »» It is ideal for small & medium sized plants, where average pressure (10 bar) steam is required
- »» Units can also be designed for higher pressures

Variants

- »» Reverse Flue Steam Boiler
- »» Three Pass Steam Boiler
- »» Water Tube Design Electric Steam Boiler



BOTTLE FILLING PLANT

It is used for filling varied products into a wide assortment of different types of containers. It utilizes the latest technologies to achieve the maximum speed and very accurately fills bottles.

Features

- »» This filling system is capable of accommodating products that are regular free flowing liquids, viscous, thick, tend to foam or drip, have particulates or chunks or are dry
- »» It is capable of filling the following liquids in bottles:
- »» Milk, water, fruit juice, liquor
- »» Available capacity 90 bottles per minute



BOILER



DEHYDRATOR

It is used to dehydrate fruits and vegetable in order to enable their further processing.

Features

- »» Sturdily built
- »» Fitted with thermostatic temperature control up to 100 degrees
- »» The oven is equipped with dry air inlet and wet air exhaust



DICING & CUBING MACHINE

This machine is most suitable for making cubes from papaya, potato, carrots, apples etc.

Features

- »» All contact parts are made of gun metal stainless steel heavy duty
- »» Available capacity 1 to 3 tons per hr as per size of the cube with 2 HP and 3 hp motor
- »» Fully automatic
- »» The fruit needs to be only peeled and cleaned and there is no need of slicing as cubes of the desired size are directly obtained



COLLOIDAL MILL

It is an ideal homogenizer-cum-emulsifier. It finds its application in various processes like grinding, homogenizing, emulsifying, dispersing, mixing, extracting etc. It is also used for processing pulp, juices, syrups, sauces, mayonnaise and dressings.

Features

- »» Rigid design criteria combined with excellent quality of workmanship of colloidal mill ensures superior end product
- »» It is suitable for small, medium, as well as large batches of production



CROWN CORKING MACHINE

It is specially designed and manufactured for crown capping of any size of glass bottles.

Features

- »» Heavy duty hand operated
- »» Magnetic cork holder table model with mild steel handle
- »» Speed is dependent on operator
- »» Adjustable for all sizes & bottles



FOOD
PROCESSING
& PACKAGING
INDUSTRY

MILL

This efficient equipment is useful for crushing of fruits having thin and thick skin.

Variants

- »» Fruit Mill
- »» Hammer Mill



MILL | FRUIT MILL

- »» Stainless steel models are available for these food processing machines in wide range
- »» Suitable for operation on fruits having thick and thin skin
- »» It is suitable & useful for paste-making, course paste, crush, mixes, and multi products crushing, pre-crush for de-hydration inputs

FOOD
PROCESSING
& PACKAGING
INDUSTRY



DOUBLE SEAMING MACHINE

It pilfers proof caps like caps on medicine bottles, whiskey bottles & squash bottles.

Features

- »» It is mounted on mild steel stand
- »» Available capacity is approx. 600 cans per hour
- »» It is equipped with 1 HP, 3 Phase, 440 volts motor and a starter



FRUIT & VEGETABLE WASHING MACHINE

It is capable of washing fruits & vegetables such as mangoes, apples, pears, tomatoes, potatoes, carrots & other root vegetables.

Features

- »» All contact parts are of stainless steel
- »» Simple design and sturdy construction
- »» Length of drum is 8', overall length is 9.3', width 3.3' and height is 6'
- »» It is equipped with jets spray arrangements
- »» Size of water pipe is 1' with 1 HP motor
- »» Available capacity is approx. 2/3 tonnes per hour



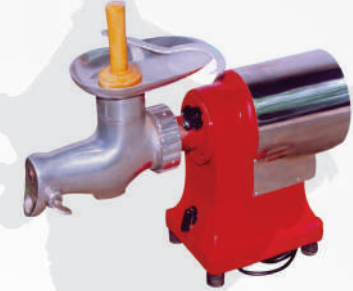
FOOD
PROCESSING
& PACKAGING
INDUSTRY

JUICE EXTRACTING MACHINE

This machine extracts juice from fruits like oranges, pineapples, grapes etc.

Features

- »» Made of pure aluminum
- »» One sieve is of stainless steel with self attached 1/2 HP motor and starter
- »» Available capacity is approx. 800 oranges per hour



PEA GRADER

Features

- »» It is rotary type, heavy duty with 3 grading arrangements
- »» All contact parts are made of aluminum and other parts of M.S. with 1.5 HP motor Available capacity is 500 -700 Kgs/hr



FOOD
PROCESSING
& PACKAGING
INDUSTRY



MILL | HAMMER MILL

Features

- »»» Especially used for sauce making
- »»» Made of stainless steel
- »»» Equipped with 1 to 10 HP motor



HYDRAULIC JUICE PRESS

Function

This machine is suitable for extraction of juice from crushed fruits like pineapple and apple etc. after, them having been crushed in the fruit mill.

Features

- »»» Available capacity is 50 tonnes
- »»» Rack and cloth are also available
- »»» Tray is covered with aluminum sheet
- »»» Provision of 3 HP motor
- »»» Hydraulic pump with automatic pressure control is available
- »»» 10 racks and 10 cloths are required for one press



FOOD
PROCESSING
& PACKAGING
INDUSTRY



REFORMING UNIT

This machine is the first step to reform the can from flattened to perfect circle shape.

Features

- »»» Consists of rotary flat body reformer and hand flinger
- »»» Available capacity is approx 600/800 cans per hour
- »»» Equipped with 1 HP, 3 Phase, 440 V motor and starter



STEAM JACKETED COOKING KETTLE

It is used for heating pulp and juice to a desired temperature.

Features

- »»» Parts are made of stainless steel mounted on mild steel stand, complete with steam pet cock, safety valve, pressure gauge
- »»» The kettle is 2/3 jacketed so as to give most efficient output



FOOD
PROCESSING
& PACKAGING
INDUSTRY

VACUUM FILLING MACHINE

Function

The function of this machine is filling of sauces, juices & syrups in glass bottles.

Features

- »»» This machine comes with two filling heads, complete with motor and pump, mounted on M.S. cabinet
- »»» Available capacity is 20/25 bottles per minutes



PEA HULLER

It is small, efficient and inexpensive equipment used for hulling of pea. It saves hours of manual tedious work.

Features

- »» Equipped with 2 HP motor
- »» Available capacity is about 700-900 Kgs peas pods per hour



PINEAPPLE MACHINE

This machine is capable of slicing pineapples in a very structured conduct. Moreover, the slices obtained are equal in size.

Features

- »» This machine can slice 5 pineapples in a minute



PULPER

It is designed for extracting juice and pulp from fruits & vegetables like mango, litchi, guava, pear, tomato, passion fruit, strawberry grape, chillies, pumpkin etc. along with different vegetables.

Features

- »» Stainless steel models of these fruit pulpers are available in wide range



FOOD
PROCESSING
& PACKAGING
INDUSTRY

SOYA MILK MACHINE

This is a table top machine which produces approx 14 Ltrs. of high quality soya milk by using 2 kg of soya beans. This milk could be converted into 2.5 - 3kgs of Tofu on an extremely low cost.

Features

- »» The machine includes accessories for making tofu and is available with the deodorizer
- »» It requires 10-12 sq m of area with domestic power supply for running the machine (2kw single phase)
- »» The plant is available ranging from 30 Ltrs./hr to 200 Ltrs./hr with electrical and gas boilers

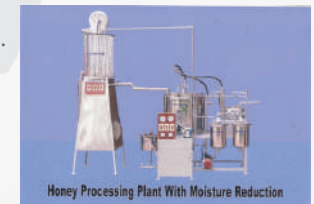


HONEY-PROCESSING

The honey obtained from the beehive is heated, filtered, dehumidified and cooled using this machine

Features

- »» 2000 Kg Day in two lot of 4 hours
- »» All Stainless Steel 304 Food Grade
 - »» Dimensions of honey Processing Plant capacity 1500 kg.: Height = 84" Length: 96" Width: 72"
 - »» Dimensions of Main tank: Dia: 174, Height 152 cm
 - »» Dimensions of four Micro filter(s): Dia: 26cm, Height 35.5 cm,
 - »» Dimensions of water heater (Aluminum): Dia: 45.5cm, Height 29.5 cm, Maximum capacity: 60 lit.
 - »» Dimensions of pre filter(s): Dia: 35.5, Height 23 cm,
 - »» Dimensions of Moisture Reduction Unit: Height: 12'6" Length: 48" Width: 43" Honey processing plant with 2000 kg per day capacity, honey filters vessels (1+1), moisture controller unit
 - »» Space Requirement: L:15'× W:15' ft, H:13' Ft.



FOOD
PROCESSING
& PACKAGING
INDUSTRY

ONION PROCESSING UNIT

Its main role is of controlling the peeling thickness as it adopts the special peeling principles for removing the skin of onions without the cutter blade and then dries it. It is the electricity saving tool and has got an easy operation.

PEELER MACHINE

This machine is capable of slicing pineapples in a very structured conduct. Moreover, the slices obtained are equal in size.

Features

- »» This machine is suitable for food industries as through its ideal commercial purpose it serves for peeling many onions at one go.
- »» Power: 0.2kw/220V.
- »» Capacity: 500kg/h.
- »» Weight: 160kg.
- »» Dimension: 1340*860*1500mm.



SLICER MACHINE

This slicer machine has got high productivity in no time all the onions sliced in uniformity come out of it. It also maintains the thickness and smoothness of the sliced onions.

Features

- »» Power: 0.75kw/220V.
- »» Capacity: 300kg/h.
- »» Dimension: 720*540*880mm.
- »» Weight: 60kg.



FOOD
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FOOD
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INDUSTRY

PADDLE SEALER MACHINE

Its role is to ensure that the onions are being sealed in good quality and the end product reaches the customers well packed. Its errorless function performs the tireless role for packaging the onions

Features

- »» Power: 0.6kw/220V.
- »» Capacity: 0-12m/min.
- »» Dimension: 1030*450*39.
- »» 0mm Weight: 47kg



DRYER MACHINE

The dryer belt present in this machine dries all the onions and it allows the hot air to pass through the layers which evaporates the water and finally reaches the drying requirement.

Features

- »» Power: 0.75kw/220V.
- »» Capacity: 300kg/h.
- »» Dimension: 720*540*880mm.
- »» Weight: 47kg.



GRINDER MACHINE

It allows the dried onions to turn into powder. This machine is highly capable of bringing fineness to the grinded onions.

Features

- »» Power: 4kw/380V.
- »» Capacity: 100kg/h.
- »» Dimension: 400*500*1250mm.
- »» Weight: 180kg



IRRIGATION

- Diesel Genset
- Diesel Water Pump Set
- Pump
- Hand Pump
- Treadle Pump
- Irrigation System
- Drip Irrigation System
- Sprinkler Irrigation System
- Water Spray Gun
- Sprayer
- Manual Sprayer
- Power Sprayer



DIESEL GENSET

A genset is an electrical generator located in proximity to the end-user rather than in a central location. It is often used by industry which, relies upon a steady source of power as well as in rural areas where there is no access to commercially generated electricity.

Features

- »»» Delivers robust performance in all weather conditions
- »»» Useful in places without connection to the power grid or as emergency powersupply if the grid fails
- »»» Available in different range from 2.5 KVA to 250 KVA

Variants

- »»» Water and Air Cool (both silent and non-silent models available)



DIESEL WATER PUMP SET

It is driven by the diesel engine through flexible coupling. It is used to deliver clean water of a temperature below 80oC or any liquid with similar physical and chemical properties as those of station.

Features

- »»» It is used for irrigation, fire fighting system, water works, architectural water supply, drainage pump stations, power station, industrial water supply system, shipping industries, mine drainage and petrochemical, metallurgical industries, liquid transporting occasions etc.
- »»» Available in the range of 5 HP to 12 HP



IRRIGATION





PUMP

It is used to move liquids or slurries. It even displaces a volume by physical or mechanical action.

Variants

- »» Hand Pump
- »» Treadle Pump



PUMP | HAND PUMP

A handpump opens access to deeper groundwater and also improves the safety of a well by protecting the water source from contaminated buckets. These reliable pumps can be attached mechanically to a small windmill or a solar powered motor and can be used as an emergency backup whenever the electricity power may be disrupted.

Features

- »» Utilizes human power and mechanical advantage to move fluids or air from one place to another
- »» Capable of drawing water from operating depths of up to 45 mtrs.
- »» Long and heavy handles provide mechanical advantage that reduces pumping effort
- »» Can be adapted for use with windmill or for motorized operation
- »» Pumping depth- 30 mtrs.



IRRIGATION



PUMP | TREADLE PUMP

It is a foot operated water lifting device that can irrigate small plots of land in regions that have higher water table levels.

Features

- »» Easy to install, requires little maintenance and can easily be repaired by the farmer
- »» Discharge of water ranges from 5000 to 7000 Ltrs./hour
- »» Effectively irrigates land up to 0.5 hectares in size
- »» Best suited to water level less than 15 to 20 feet below ground level



IRRIGATION SYSTEM

Irrigation refers to artificial application of water to the soil. It is used to assist in the growing of agricultural crops, maintenance of landscapes and re-vegetaion of disturbed soils in dry areas and during periods of inadequate rainfall. In addition, Irrigation systems are also used for dust suppression, disposal of sewage, and in mining.

Variants

- »» Drip Irrigation System
- »» Sprinkler Irrigation System
- »» Water Spray Gun

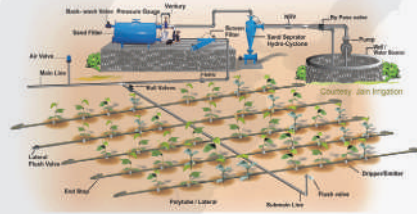


IRRIGATION

IRRIGATION SYSTEM | DRIP IRRIGATION

Features

- »»» A network of mainlines, sub-mains and lateral lines with emission points spaced along their lengths is used to deliver water to the crop
- »»» Each dripper/emitter, orifice performs a measured, precisely controlled uniform application of water, nutrients and other required growth substances directly into the root zone of the plant



IRRIGATION SYSTEM | SPRINKLER IRRIGATION

Features

- »»» The water is distributed through a system of pipes usually by pumping
- »»» It is then sprayed into the air and irrigated to the entire soil surface through spray heads
- »»» Consequently, the water breaks into smaller water drops that fall on the ground



IRRIGATION SYSTEM | WATER SPRAY GUN

Features

- »»» Ensures maximum water saving
- »»» Possesses high quality, affordability and ease of installation
- »»» Made up of chemical resistance engineering plastics to achieve functional satisfaction



SPRAYER

This piece of equipment applies herbicides, pesticides, and fertilizers to agricultural crops. Sprayers range in size from man portable units to self propelled units.

Variants

- »»» Manual Sprayer
- »»» Power Sprayer



Manual Sprayer



Power Sprayer



SPRAYER | MANUAL SPRAYER

Features

- »»» Manually operated sprayer
- »»» Made up of fine plastic granules
- »»» Used in places of low surface area
- »»» Fitted with brass pump for long lasting and better operations



SPRAYER | POWER SPRAYER

- »»» Fast, efficient and economical type of a sprayer
- »»» Used to irrigate large scale application of pesticides in either of the forms, powder or liquid
- »»» An improved model of engine is fitted on steel tubular frame with foam rubber back cushion and shoulder straps



IRRIGATION



RECYCLING OF WASTE PAPER & PLASTIC



- Plastic Recycling Machine
- Paper Recycling Unit
- Auto Vat Machine
- Beater
- Calendar Machine
- Hydra Pulper Machine
- Saw Dust Briquette Machine
- Recycling of Waste Fibrous Material

PLASTIC RECYCLING MACHINE

It classifies waste plastic and then performs smashing and washing of the same. The washed plastic is then dried and made to go through plasticizing and extruding. It is then cooled, pulled, cut and packed.

Features

- »» Suitable for LD/HD/HMPP agglomerated & grinded material of articles
- »» Available from output ranging from 90 Kgs/hr to 200 Kgs/hr
- »» Runs with only 4 blades, Grinded blade can be used twice
- »» Foundation is not necessary, Output is 70 to 80 kgs/hr
- »» Maintenance is free of cost



PAPER RECYCLING UNIT

Paper recycling is the process of recovering waste paper and remaking it into new paper products. There are three categories of paper that can be used as feedstock for making recycled paper: mill broke preconsumer waste, and post-consumer waste. Paper suitable for recycling is called "scrap paper". Different machines are used in the unit to recycle the paper for a usable application.



Auto Vat Machine



Calendar Machine



Beater



Hydra Pulper Machine

RECYCLING OF WASTE PAPER & PLASTIC

PAPER RECYCLING UNIT | AUTO VAT MACHINE

Auto Vat Machine is a paper lifting device for lifting the paper on fixed metallic screen.

Features

- »» Size: 22"x30" cut size paper



PAPER RECYCLING UNIT | BEATER

Beater is used for beating of rag & straw waste into fine pulp. Beater increases 15% to 30% production. An adjustable washing drum washes the pulp.

Features

- »» Range: 2Kg to 500Kg/charge
- »» Size: 9"x12", 12"x15", 15"x18", 18"x24", 24"x30", 30"x36", 42"x42" & 54"x54"



PAPER RECYCLING UNIT | CALENDAR MACHINE

This machine is used to make the sheet smooth and glossy by being pressed through rollers.

Features

- »» Size: 9"x30", 12"x36", 14"x42" & 16"x42"



RECYCLING OF WASTE PAPER & PLASTIC

PAPER RECYCLING UNIT | HYDRA PULPER MACHINE

Hydra Pulper Machine is used to cut & recycle waste paper and board to make fine pulp.

Features

- »»» Pulper comprises of shafts, non ferrous glands & stainless steel impeller
- »»» Capacity: 3M3 to 6M3
- »»» Type: Batch and continuous type



SAW DUST BRIQUETTE MACHINE

This machine is used as a substitute for fire wood or steam coal used in boilers or for room heating, where there is high flame required.

Features

- »»» Produced from bio mass using the following processes
- »»» Drying of raw materials is done to less than 15% moisture content
- »»» Hammer mill grinding is done to make uniform sizing, briquette, either by using screw type extruder machine or ram type (die and punch) machine
- »»» No binders are used in the process and yield is 100% of dried raw materials



RECYCLING
OF WASTE
PAPER & PLASTIC

SMALL SCALE INDUSTRY

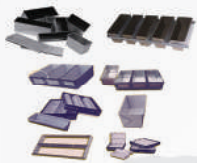


- Bakery Equipments
- Rotary oven
- Mixer
- Bread Slicer
- Mould
- Candle Machine
- Candy Wrapping Machine
- Chalk Machine
- Concrete Block Machine
- Ice Block Unit
- Ice Cream Cone Machine
- Ice Cubing Machine
- Ice Cream Machine
- Liquid Packing Machine
- Nail Machine
- Oil Extraction
- Packaging Machine
- Paddle & Hand Sealer
- Paper Bag Machine
- Paper Cup Machine
- Paper Napkin Machine
- Paper Plate Machine
- Potato Processing Unit
- Poultry Equipments
- Debeaker
- Defeathering
- Incubator
- Soap Manufacturing Unit
- Toilet Roll Machine
- Vaccum Packing Machine

BAKERY EQUIPMENTS

Variants

- »»» Rotary Oven
- »»» Mixer
- »»» Bread Slicer
- »»» Mould



Mould



Bread Slicer



Mixer



Rotary Oven

BAKERY EQUIPMENTS | ROTARY OVEN

It can be operated through oil or gas and is suitable for uniform and perfect baking of various products like bread and cookies.

Features

- »»» Available in several capacities on a charge basis i.e. 198, 250 and 352 loaves of 400 grams each



SMALL SCALE
INDUSTRY

BAKERY EQUIPMENTS | MIXER

It is heavy duty mild steel equipment which helps in mechanical development of dough within 2-3 minute per batch. Better divider accuracy is achieved with such dough.

Features

- »»» All dough contact parts are in stainless steel
- »»» Available capacity is 20kgs, 30kgs and 50kgs



BAKERY EQUIPMENTS | BREAD SLICER

It can slice 2 no. 400 gm loaves at one time or 1 no. 800 grams loaf.

Features

- »»» It is provided with mild steel chrome plated feed channels and mild steel chrome plated table
- »»» It is a heavy duty construction with ball bearings for smooth and noiseless working
- »»» It is provided with 41 blades at 10mm distance
- »»» Output is up to 700 nos. 400 gms loaves per hour with gravity feed
- »»» Motor is 1 Hp 3 phase

SMALL SCALE
INDUSTRY

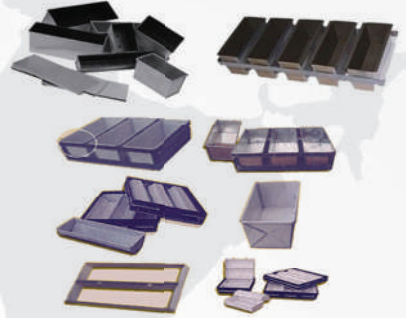


BAKERY EQUIPMENTS | MOULD

They are used to produce different types of moulding outputs in terms of food making.

Features

- »»» Availability of an exclusive range of moulds in all types and sizes

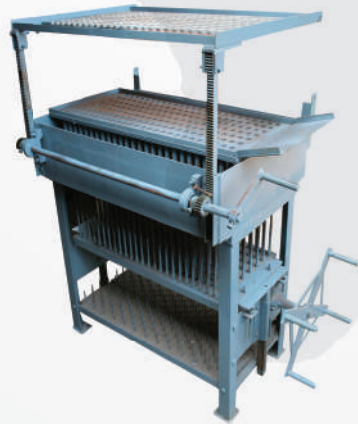


CANDLE MACHINE

It can produce up to 140 candles 20 -30 minutes and the length of the candle can be adjusted.

Features

- »»» Works without electric power
- »»» Raw material used to make candle is wax, thread and castor oil



SMALL SCALE
INDUSTRY

CONCRETE BLOCK MACHINE

An egg-laying type machine on wheels, this hydraulically operated concrete block making machine lays the block on the concrete floor and moves to the next laying space. By fixing different types of concrete mould and ram into the machine, any type of concrete block can be produced with consistent quality.

Features

- »»» This machine is fitted with a vibrator motor



ICE BLOCK UNIT

It is installed in a 40 feet hi-cube container for easy shipment. It has inbuilt machinery to connect water & electrical supply at customer site.

Features

- »»» It is protected against sun and rain through a light roof structure which saves the cost of construction of buildings and land cost



SMALL SCALE
INDUSTRY

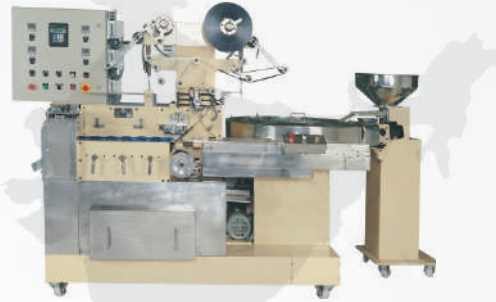


CANDY WRAPPING MACHINE

It is used to wrap various types of candies in a very subtle way.

Features

- »»» Pillow Packs are more hygienic



CHALK MACHINE

It can produce 300/400/600 chinks in 20 minutes.

Features

- »»» Low cost machine
- »»» Free maintenance
- »»» Can work without electric power
- »»» Easy to operate
- »»» Raw material required is plaster of paris, zinc oxide & water



SMALL SCALE
INDUSTRY

LIQUID PACKAGING MACHINE

It is a mechanically operated volumetric filler. It is used for the packaging of various products of edible oils, water, honey, paints & other forms of liquid.

Features

- »»» All parts are made up of stainless steel



NAIL MACHINE

It can produce nails from 2- 6 inches of length.

Features

- »»» Requires electrical power
- »»» Full unit consists of nail machine, polishing barrel and electric bench grinder with spare parts



OIL EXTRACTION

It is used for extracting oil from groundnut, sesame, palm seeds, castor seeds, cotton seeds, sunflower seeds etc.

Features

- »»» It consists of a Decorticator, Oil Expelling Machine, Filter Press and Baby Boiler
- »»» Available from table top models to large scale production



SMALL SCALE
INDUSTRY

ICE CREAM CONE MACHINE

This is a high capacity machine used for manufacturing ice-cream cones and cups. It is equipped with four to five rows of baking moulds. The moulds are equipped with automatic ejectors. A single movement opens the moulds and ejects the cones which fall into a box placed underneath the baking moulds.

Features

- »»» The cast alloys baking moulds are mounted on heavy mild steel frame
- »»» The upper half (the main part of mould) which slides up and down between two steel columns is balanced by counter weights and operated by a hand lever
- »»» The battery is infused by means of a very exact, adjustable and better deposition device



ICE CUBING MACHINE

This machine includes agitator paddles which oscillate or reciprocate in a horizontal path between freezing elements to agitate the water to provide clear ice cubes.



Features

- »»» Can be customized as per customer's requirement

ICE CREAM MACHINE

It is a twin flavoured soft serve machine.

Features

- »»» High output capacity with pump (increases the volume by 80%)
- »»» Available in single & three phase and single or double compressors



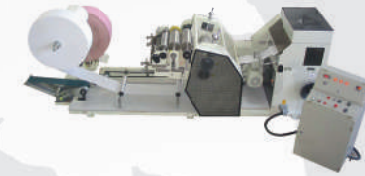
SMALL SCALE
INDUSTRY

PAPER NAPKIN MACHINE

It is widely used for producing high quality paper napkins.

Features

- »»» Production of napkins is enabled through processes including printing, embossing, folding and cutting of paper from the parent roll
- »»» Customization of napkins can be done as per customer's requirement



PAPER PLATE MACHINE

It is an automatic dish shaper with air motion model. This equipment is fully-automatic to pass paper, do moulding and produce dishes at constant controlled temperature with auto-count functions.

Features

- »»» Easy maintenance
- »»» Round or square plates are produced with this type of machine

SMALL SCALE
INDUSTRY

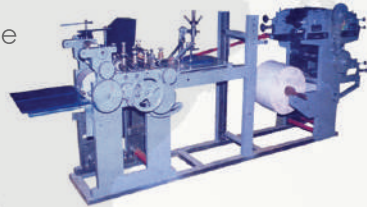


PAPER BAG MACHINE

This machine is designed to meet all requirements of paper bags, both flat as satchel type (with side folding on both sides) made from kraft paper and sulphite paper.

Features

- »»» Bags could be produced without printing and with flexo-printing in one, two or even upto 4 colors
- »»» Printing and complete bag making is done at a single go
- »»» Capable of producing bags of different sizes by changing plates and gears



PAPER CUP MACHINE

It is a very simple and practical model to make paper cups of various sizes ranging from 50 ml to 300 ml.

Operations

- »»» Bottom paper punching
- »»» Side paper sealing
- »»» Bottom folding and bottom sealing
- »»» Top lip forming
- »»» These five operations are totally independent of each other, which means that five people can work at a time on each of these operations



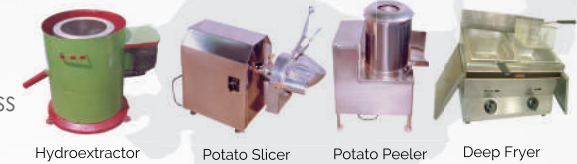
SMALL SCALE
INDUSTRY

POTATO PROCESSING UNIT

This unit consists of Potato Peeler, Deep Fryer, Potato Slicer, Hydro Extractor entailing four processes namely peeling, slicing, deep frying & hydro extracting.

Features

- »»» The production is 80kgs/hr
- »»» All the touch parts of the machine are made of stainless steel



POULTRY EQUIPMENTS

Variants

- »»» Debeaker
- »»» Defeathering
- »»» Incubator



SMALL SCALE
INDUSTRY

POULTRY EQUIPMENTS | DEBEAKER

It is adaptable for all types of debeaking and it cuts & cauterizes simultaneously.

Features

- »» Foot operated machine
- »» Portable size, suitable for large & small producer



POULTRY EQUIPMENTS | DEFEATHERING

Equipped with rubber fingers specially designed to beat off the feathers.

Features

- »» This machine can defeather 6-7 chickens in 10 to 15 sec.



SMALL SCALE
INDUSTRY

POULTRY EQUIPMENTS | INCUBATOR

It works as an Incubator cum Hatchery for eggs.

Features

- »» Available capacity is of 1000 eggs to 5000 eggs with automatic turning and clock & anticlock wise heating system



SOAP MANUFACTURING UNIT

This unit consists of Soap Extruder, Soap Milling Machine, Soap Mixer and Soap Stamping Machine.

Features

- »» Total production capacity is 100 Kgs per/8 hrs

SMALL SCALE
INDUSTRY



Soap Milling Machine



Soap Extruder



Soap Stamping Machine



Soap Mixer

MOBILE FOOD CART

Its role is to sell the prepared food from the vehicle itself. Mobile food carts basic purpose is to cater the people by providing them with food 24*7.

Features

- »»» 3 wheeler mobile Kitchen/mobile vending machine with 20 KVA silent generator.
- »»» Food trailer size: - 3300*1700* 2300mm.
- »»» Low cost and environmental (smokeless barbecue, low noise, no oily fume, no pollution).



T SHIRT SCREEN PRINTING MACHINE

It allows the customers to avail a chance to pick up any printed t shirts from an extensive range provided. With the guidelines set, this machine is known for its flawless performance and its high speed ability provides quality prints to the customers. This unit has various machineries under it:

Features

- »»» TEMP-4050 UV exposure unit.
- »»» Thermal Ink Dryer.
- »»» Screen Emulsion Scoop.
- »»» Wooden Handle Squeegees.
- »»» Screen Printing Plate



SMALL SCALE
INDUSTRY

PORTABLE TOILETS

Portable toilets ensure its usage in vast variety of events. Its ideal usage is in rural and remote sites or in the areas which are environmentally sensitive. It helps in providing its hygiene services in the septic areas and are designed to meet the public health and standards. These premium portable toilets are specifically designed for your outdoor events, functions or special occasions. Indocorp provides variable models of portable toilets:

- »»» Superloo Star model
- »»» Prime Model
- »»» Primus Model
- »»» Superloo Indian seating



ELECTRIC CHALK MAKING MACHINE

Though this equipment has got delicate appearance but its high efficiency functions to manufacture low-dust chalks. This machine which is designed with sophisticated technology caters to the needs of the customers.

Features

- »»» Machine weight is 240 kg and volume is 1.65m³.
- »»» Voltage: 220V/50HZ.
- »»» Capacity is 8,000 ~ 12,000 pieces/hour.
- »»» Power Consumption: 2 kilowatt when one machine working 8 hours.



SMALL SCALE
INDUSTRY

COTTON BUD MAKING MACHINE

Cotton bud making machine is an automatic machine which comes with the packaging system. This equipment does the complete work till the packaging is being done. Its role is to open bites, chop cotton, and then mold and dry them. It then finally reaches the packaging part.

Features

- »» Capacity (one head): 500-700pcs/ min,
Capacity (two head): 700- 900pcs/min
- »» Power: 2.3kw 380v
- »» Weight: 300kg
- »» Outside dimension: 1.3*0.7*2.0m



TEA BAG MAKING MACHINE

This machine is used for packing broken tea into small bags. This way, it avoids the packed bag to directly come in contact with the hands and hence, helps in maintaining the sterile condition.

Features

- »» Capacity: 2-5 gms.
- »» Production Output: 35-45pouch/m.



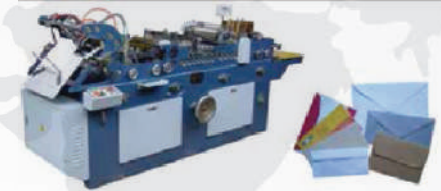
SMALL SCALE
INDUSTRY

PAPER ENVELOPE MAKING MACHINE

It successfully caters to the requirement of clients by offering them with quality paper envelopes. Its sophisticated design mechanism synchronizes all critical operations for preparing envelopes in various sizes for the customers.

Features

- »» Max working speed: 12000 pcs/hour.
- »» Thickness of paper: 70-150g/m2.
- »» Motor power 3(KW).
- »» Paper Tape Width: 15---45mm, Paper
Tape Length: 100---255mm
- »» Weight of machine: 2800 kg.
- »» Envelope specification: (max) 260*400 mm, (min) 100*120 mm.



POWDER PACKAGING MACHINE

It is used to produce center sealed pouches to pack various products such as tea, rice, salt, sugar, grains, coffee, spices, chips, snacks, dry fruits, confectioneries, pesticides, detergent, pharmaceuticals etc.

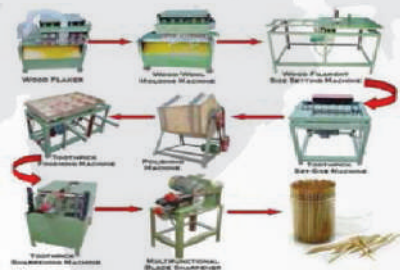


SMALL SCALE
INDUSTRY

TOOTHPICK MAKING MACHINE

It helps in processing the elongated wood and converts it into the small wooden sticks which is made according to the requirement of the customers. It helps in aligning and sharpening the ends of toothpick and hence, makes the end product ready for the customer's usage. Indocorp serves its customers with these wide variety of toothpick making machines:

- »»» Wood Flaker.
- »»» Wood wool molding machine.
- »»» Wood filament size setting machine.
- »»» Toothpick set-size machine.
- »»» Polishing machine.
- »»» Toothpick finishing machine.
- »»» Toothpick sharpening machine.
- »»» Multifunctional blade sharpener.



ONE PASS RICE MILL

An agricultural set up, a Rice Mill is used to automate the process of removing the chaff and the outer husks of rice grain. The processes are mechanized. The machines are appreciated for high durability and smooth functioning.

Features

- »»» Main Machine with all standard equipments of 2 pcs.
- »»» Rubber roller 6" + 1 pc. Milling Emery roller 18" + 1 pc
- »»» Screw Feeder + belt + Rubber Brake 18: +Polisher screen and hand tools
- »»» Foundation Channel for Machine and Engine Separately



SMALL SCALE INDUSTRY

TOILET ROLL MACHINE

This hi-speed toilet paper roll machine efficiently makes good quality toilet rolls.

Features

- »»» Available in 811mm, 1020mm & 1350 mm working width
- »»» It is a slitting machine with perforation
- »»» Slitting blades could be adjusted to make kitchen rolls & industrial rolls
- »»» Electronic counter is provided which controls the number of sheets to be wound over a given roll in this toilet roll making machine



VACUUM PACKING MACHINE

It is useful for retail as well as bulk packing of perishable food items & also high value electronic gadgets for computers etc., for longer shelf life.

Features

- »»» It is available in small, medium & big size, single & double chamber, horizontal & vertical machines. There is no loss of weight & aroma in case of food items



SMALL SCALE INDUSTRY



LABELLING MACHINE

Labelling machines are used for applying labels onto all types of packaging containers, displays and transit packs. Against all the tampering, it ensures that the labelled products reaches the customers on time.

L SHAPE STICKER LABELLING MACHINE

Features

- »» Used for putting labels on bottles.
- »» The latest sophisticated Micro Processor Control Label Dispensing system and user friendly sensing system is being placed into the machine



CARTON TAPPING MACHINE (SEMI-AUTOMATIC)

Features

- »» Tape Width: 48mm-72mm.
- »» Speed: 20 Cartons/Min.
- »» Power Source: 660w, 220v, 50 Hz.
- »» Capacity: (L) 120 Mm – Unlimited.
- »» (W) 120 Mm -450 Mm, (H) 120 Mm -450 Mm.



SMALL SCALE
INDUSTRY



AUTOMATIC SHRINK WRAPPING MACHINE

Features

- »» Designed for packaging production line of beer, beverage, pure water, fruit juice, dairy products, etc.
- »» Up to 8-10 pack per minute.
- »» 1.5 ltr bottles (2 x 5) and 330ml cans (5 x 4).



WRAP-AROUND SELF-ADHESIVE STICKER LABELLING MACHINE

Features

- »» Used for putting labels on round bottles and cans like: alcohol and coke 1 to 1.5 ltr bottles etc.



ANIMAL FEED PLANT

The plant is suitable to produce high quality poultry feed, aquatic feed and compound feed. The feed is cooked in feeder conditioners with dry steam and the cooked feed is processed between press rolls and inside periphery of the die. The product size varies as per die.



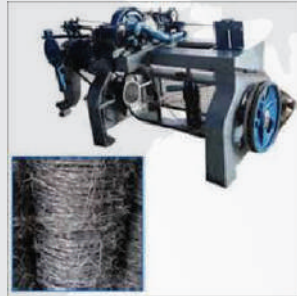
SMALL SCALE
INDUSTRY

BARBED WIRE MAKING MACHINE

A barb-wire making machine is used to make a 2-point barbed wire using single barb wire twisted on the line wire (strand wire) and a 4-point barbed wire, wherein two barb wires are twisted on the line wire (stand wire).

Features

» Barb Pitch	65 - 127 mm (3" - 5")
» Wire Die Range	2.64 - 2.03 mm (12 SWG to 14 SWG)
» Max. Bundle Weight	40 kg
» Wire Material	G.I.
» Type Of Twist	Standard Twisted (lowa four point)
» Power Required	3.7 kW (5 HP)
» Production Capacity	450 kg to 550 kg
» Net Weight	(Approx) 1000 kg
» Gross Weight	(Approx) 1300 kg (with wooden box)



SANITARY NAPKIN MAKING UNIT

A mini sanitary napkin unit consists of three machines: De-fibration machine, Core forming machine and Napkin finishing machine.

CORE FORMING MACHINE

The purpose of the machine is to compress the de-fibred pulp into a required shape of the soft core of the napkin. It is a manual machine that does not utilise even a single unit of power. The machine size is 24"×24"×30"



SMALL SCALE INDUSTRY

DE-FIBERATION MACHINE

Wood pulp which is commercially available in sheet form can be de-fiberated on this low cost machine. The carbon alloy steel blade in this machine that runs at 10000 rpm that de-fibrates the wood pulp to a required filament length of 1-1.5mm, instead of grinding. The capacity of the de-fibration machine is 150 gms/min that yields to a volume of 1 cubic feet of de-fibred soft pulp. The machine runs on 1 hp single phase motor. The size of the machine is 36"×24"×30".



SOFT TOUCH SEALING MACHINE

Formed wood pulp cores on the core forming machine are then wrapped by a non-woven fabric and is sealed by sensitive impulse sealing method. The power requirement is 40 volts. The machine speed is 4-10 napkins/min. Nichrome alloy filament is used in the construction of the sealing pads. The machine size is 36"×30"×30"



SMALL SCALE INDUSTRY

TAILORING

It consists of Knitting/Overlocking Machine, Embroidery Machine, Foot Sewing Machine with motor and Industrial Straight Sewing Machine.

Features

- »» Application : Light to Medium Fabric
- »» Differential Ratio (mm) : 0.7 -2 mm
- »» Max Speed : 7500 spm
- »» Max Stitch Length : 3.6 mm
- »» Max Presser Foot Lift (mm) : 6 mm
- »» Motor Type : Clutch
- »» Motor Wattage : 400 watt
- »» No of Needles : Two
- »» No of Threads : Four



EMBROIDERY MACHINE

The embroidery machine features 55 ready-to sew embroidery designs. Use one of the 3 built-in fonts to add a three-letter monogram to one of the 18 border patterns for a custom look. The large embroidery hoop allows you to add designs up to 5.5" x 5.5".



SMALL SCALE
INDUSTRY

FOOT SEWING MACHINE WITH MOTOR

- »» Mechanical Co:- Flat Bed
- »» Stich length:-3.6 mm
- »» Max Sewing Speed:- 1000s.p.m
- »» Overall Dimensions: 420x200x290mm
- »» Feed Mechanism: Walking Foot
- »» Stitch Formation: Lock Stitch



INDUSTRIAL STRAIGHT SEWING MACHINE

- Application : Light to Medium Fabric
- Hook Mechanism : Standard
- Max Speed : 5500 SPM
- Max Stitch Length : 5 mm
- Max Presser Foot Lift : 5.5/13 mm
- Motor Type : Clutch
- Motor Wattage : 250 watt



INDUSTRIAL STRAIGHT SEWING MACHINE

Fully automatic stapler pin making machines are used for the production of multi-wire staple pins. Key features include high operational fluency, less power consumption and smooth functioning

Technical Specifications

- »» Type of Product : No. 10. or 24/6
- »» Production : 350 Pieces per Min. Approx.
- »» Wire Diameter : 0.45 mm to 0.60 mm.
- »» Type of Wire : Stainless Steel Coated Mild Steel Wire.
- »» Power required : 1 H.P x 1440 R.P.M.
- »» Space required : 5' x 8'. (Working area)





TOP SIDE STICKER LABELLING MACHINE

Features

- »» Machine suitable for Top label on Bottles.
- »» Top and Side labeler delivers accurate and high speed repeatable Labelling
- »» Has a role of placing labels on boxes/cartons.
- »» It does a work of single side labelling on the boxes.
- »» Various products like cigarette, alcohol and juice cartons are its highlight



LABELLING APPLICATOR

Features

- »» For labels 1" max.
- »» 13/16" min wide.



SMALL SCALE
INDUSTRY



SOLAR ENERGY & RURAL ELECTRIFICATION

- Solar Cooker
- Solar Inverter
- Solar Lantern
- Solar Lighting System
- Solar Panel
- Solar Water Pump



SOLAR LANTERN

It converts solar energy to electrical energy by the SPV panel and is stored in a sealed maintenance-free battery for later use during the night hours.

Features

- »»» Portable device
- »»» Self operating
- »»» Reliable unit with no recurring fuel cost



SOLAR LIGHTING SYSTEM

It converts solar energy directly into electricity. The electricity is stored in batteries and used for the purpose of lighting whenever required. The solar module is installed in the open on roof or terrace exposed to sunlight and the charge controller and battery are kept inside a protected place in the house.

Features

- »»» It is a fixed installation
- »»» The solar module requires periodic dusting for effective performance
- »»» Finds its applications in home and street lighting system, community room system, medical refrigeration system, solar lantern, water pumping system for agriculture and drinking water, defense applications and remote village electrification



SOLAR ENERGY &
RURAL ELECTRIFICATION

SOLAR COOKER

It is basically used to cook food, purify water and sterilize instruments using sunlight as its source of energy.

Features

- »»» Used in situations where minimum fuel consumption or fire risks are considered highly important



SOLAR INVERTER

It is a type of an electrical inverter made to change the direct current (DC) electricity into alternating current (AC) for use with home appliances and possibly a utility grid.

Features

- »»» Available with option of charging of batteries by both solar as well as mains utility (hybrid version)
- »»» There is an automatic changeover from mains to battery and from battery to mains

SOLAR ENERGY &
RURAL ELECTRIFICATION



SOLAR DRYER

It is used to dry fresh fish of mixed variety and size to the desired moisture content within 2-3 days. The dryer with a designed capacity of 56 Kgs fresh fish per batch is suitable for adaptation by fishermen.

Features

- »» It is a non-corrosive aluminium cabinet coated with high temperature black powder coating & stainless steel and brass hardware
- »» It has 3 solar fans 12 V DC, 3 solar photovoltaic panels of total 21 V, standby A.C. electrical power connection total 3.6 KW., 220 VAC.
- »» Thermometer and dust cover is also provided
- »» Available capacity is 50 kgs



SOLAR GENERATOR

Solar Generators are an ideal power backup for lighting load applications. They are sturdy and silent, making them perfect for outdoor use in residential/farm houses/ High Mast Lights/Off site power requirements or small commercial applications. They come with the option of fixed and foldable structures (upto 1.5 KWp) and have inbuilt storage batteries that store surplus power which can be utilized during non-sunlight hours.



SOLAR ENERGY &
RURAL ELECTRIFICATION

SOLAR PANEL

It is a packaged interconnected assembly of solar cells. The solar panel is used as a component in a larger photovoltaic system to offer electricity for commercial and residential applications.

Features

- »» Available in the range from 5WP to 120 WP Solar Photovoltaic (SPV)
- »» DC electricity produced has a long operating life
- »» Completely noiseless and environment friendly
- »» Doesn't require qualified technical personnel to operate and maintain the SPV energy source



SOLAR WATER PUMP

It is designed to lift and pump water for irrigation, horticulture farms, gardens, drinking and other similar applications. A solar water pump is one of the best alternatives in case of unavailability of electricity or reliable supply.

Features

- »» Surface Pump set
- »» Floating Pump set
- »» Submersible Pump set

SOLAR ENERGY &
RURAL ELECTRIFICATION



SMART MODULES

This product is first of its kind in India. Smart Module is compact & rugged cost effective unique solar power solution which directly charges your existing inverter battery system using solar energy (12V or 24V). It is custom designed for Indian conditions using German Technology that charges battery during day time using solar energy with or without any Grid Power. It results in 30% power/cost saving.



SOLAR WATER PURIFICATION SYSTEM

Solar Water Purifiers combine the best of solar and water purification technologies to provide safe drinking water. Based on RO technology, these purifiers filter out harmful bacteria and other contaminants using naturally generated solar power. Using specially designed pump, it operates directly from solar under wide voltage range ensuring drinking water is available from early morning. So you get the convenience of clean water in an eco-friendly way even during power cuts. Option of operating from Grid during evening hours/non sunny days is also possible. System available in capacities of 20 lph/50 lph & 75 lph.



SOLAR ENERGY &
RURAL ELECTRIFICATION

WASTE & GARBAGE MANAGEMENT



- Auto D'silt Machine
- Auto Hook Lifter
- Auto Multijet
- Auto Sky Lift
- Auto Tipper
- Dumper Placer
- Hook Loader
- Plastic Bin
- Refused Compactor with Bin Lifter
- Road Sweeping Machine
- Solid Waste Sorting Plant
- Solid Waste Transfer Station
- Suction cum Jetting Machine
- Tricycle Hooper
- Vacuum Loader De Silting Machine
- Waste Container Carrier
- Wheel Barrow



AUTO MULTI JET

It is a multipurpose device designed to clean choked, drainage and sewer lines of 3" to 7" effectively and with high water pressure.

Features

- »» Can work as a small fire extinguisher
- »» Can serve the purpose of road and street washing machine, market place and footpath cleaning device, container washing machine, pesticides spraying machine, public toilets and urinals cleaning machine



AUTO SKY LIFT

It is a completely hydraulic operation used for repairing and installation of electrical fixtures.

Features

- »» Can be used for better accessibility of various tall structures like electrical poles, bridges, aircrafts, overhead cables, trees etc.



WASTE &
GARBAGE
MANAGEMENT



AUTO D'SILT MACHINE

Auto D'silt machine is developed on a three wheeler and is used for effective and efficient cleaning of silt from manholes, wet wells and sump houses.

Features

- »» The capacity of the Auto D'silt machine is 0.35 cu.m. volumetric capacity hopper)
- »» The bucket can lift 20 kgs to 50 kgs silt at one time and it can also reach to the depth of 30 ft to 50 ft
- »» The machine is completely hydraulically operated



AUTO HOOK LIFTER

This equipment helps in collection, transportation and dumping of garbage.

Features

- »» One system can easily handle lifting, shifting & dumping 10-12 containers
- »» It can easily enter in to narrow lanes and by lanes
- »» Number of trips can be increased
- »» Very useful for congested and big apartment areas
- »» Due to site loading provision available, there is no traffic problems



WASTE &
GARBAGE
MANAGEMENT



HOOK LOADER

The Hook Loader is designed to pick up loaded or empty skip containers from the ground, transport the same to dumping yard for dumping the material by hydraulic tipping of container and thereafter unload the skip.

Features

- »» Capable of handling roll-on roll-off skip containers up to 25 cu.m. capacity



PLASTIC BIN

They are ordinary stationary bins used to collect garbage.

Features

- »» Available in capacity ranging from 60 Ltrs. to 240 Ltrs.



WASTE &
GARBAGE
MANAGEMENT



AUTO TIPPER

It is a unique innovation to facilitate door to door collection of garbage and its proper disposal. This equipment can dump the garbage on the ground, as well as directly into the container and also in the refuse compactor.

Features

- »» It is useful for small townships, city council & big factories



DUMPER PLACER

Dumper Placer System is developed on LCV, MCV and HCV truck chassis depending upon the container capacity. The garbage or the refuse is directly collected into the containers which are placed at the various collection points in the busiest and most thickly populated areas of the city.

Features

- »» Container capacity is of 7.0 cu.m., 5.0 cu.m., 4.5 cu.m., 3.5 cu.m., 2.5 cu.m. and 1.5 cu.m.

WASTE &
GARBAGE
MANAGEMENT



SOLID WASTE SORTING PLANT

We supply equipments used in a wide range of waste screening and sifting, separation, palletizing and shredding for solid waste sorting in cities and towns.



SOLID WASTE TRANSFER STATION

A transfer station is capable of handling considerable amount of waste, static waste compactors and portable compactors per hour.

Features

- »» The unit is capable of handling up to 504 cu.m per hour of waste, static waste compactors and portable compactors



WASTE &
GARBAGE
MANAGEMENT

REFUSED COMPACTOR WITH BIN LIFTER

The container volume is ranging from 6 cu.m to 20 cu.m depending upon the truck chassis and customer requirements. Bin lifter is universal type capable of handling bins as per International Standards. Proper equipment, weight distribution and smaller overhang ensure vehicle's stability, while traveling on uneven grounds in dumping area.

Features

- »» Designed in a manner to match each individual customer requirements suitable for practical works
- »» Delivers high quality performance



ROAD SWEEPING MACHINE

This machine works on the principle of vacuum suction. There is wandering hose for cleaning areas outside the sweeping path.

Features

- »» Machines with bag filter systems are available as option, capable to sweep without any water spray
- »» Large container capacity of up to 6.5 cu.m.
- »» Extendable side brushes and wandering brush for cleaning deposits along the road kerfs.



WASTE &
GARBAGE
MANAGEMENT

VACUUM LOADER DE SILTING MACHINE

It comes with high pressure jetting system deployed for dislodging settled sludge and silt from underground trunk sewer pipelines, open drains and suctioning the same. The suctioned sludge is collected in a separate truck mounted cyclonic dump tanker for disposal at dumping grounds.

Features

- »» Suction is done from a depth of 8 to 10 mtrs through specially designed fluidizing nozzles



WASTE CONTAINER CARRIER

It carries the container containing waste and is developed on two wheeled trailer chassis which can be towed or operated by tractor.

Features

- »» One system can easily handle up to 10-15 containers of 2.5 cu.m. and 4.0 cu.m. depending upon the lead distance from garbage collection point to dumping site
- »» After transporting it to the dumping site, the container is tipped hydraulically to discharge its load



WASTE &
GARBAGE
MANAGEMENT

SUCTION CUM JETTING MACHINE

These are truck mounted and trailer mounted suction-cum-jetting machines. The equipments are used for dislodging and removing obstructions, blockages from sewer pipelines and emptying gully pits & septic tanks.

Features

- »» Available in capacity ranging from 3000-5000 Ltrs.



TRICYCLE HOOPER

It is a garbage cycle having bins with lids. The chassis of cycle is heavy duty to carry load of 500 kgs.

Features

- »» Garbage cycle is of capacity 300 Ltrs.
- »» Bin is made from roto moulding technique
 - »» Two rear tyre is of motor cycle type with heavy duty rim
 - »» Proper locking arrangement is provided for locking the tricycle
 - »» The container is having the tilting provision for emptying the bin



WASTE &
GARBAGE
MANAGEMENT

WHEEL BARROW

They are moving bins used to collect garbage in a convenient manner.

Features

»»» Available in capacity ranging from 30 Ltrs. to 80 Ltrs.



WASTE &
GARBAGE
MANAGEMENT

MISCELLANEOUS

Promotion material
Football kit
Mobile repairing kit
Beauty kit
Anti-riot product





PROMOTION MATERIAL

Features

- »»» Badge is commonly attached to clothing, bags, footwear, etc. A badge can be made of either plastic or steel, and can be attached by gluing, iron-on, sewn or applique
- »»» Cap can be affixed with a customized logo or a message & it comes in all colors & sizes
- »»» There are a variety of designs ranging from short sleeve t-shirts, vintage t-shirts, novelty t-shirts, long sleeved t-shirts, printed t-shirts, all available from collar to round neck



FOOTBALL KIT

Features

- »»» The ball designed for optimum bounce and trajectory properties, feels "SOFT" on the Foot & Head, is fast in flight, permits optimum handling and ball control, and meets or exceeds the specifications required by FIFA. Embodies the perfect roundness and dimensional stability, a high abrasion resistance and is low water resistant.



FOOTBALL ACCESSORIES

Ball Pump

This small pocket pump features a double action 'pull and push' technology which reduces the inflation time of the ball as it pumps air on both upstroke and down stroke.



Football Jersey

- »»» Fitted tee for performance.
- »»» Ribbed neck
- »»» Good for performing on field as well
- »»» Contemporary cut for a great fit
- »»» Mesh Breathable panels.
- »»» Front Panel sublimated with neutral overlock stitch
- »»» Logos - Embroidery / Printing available



MOBILE REPAIRING KIT

- »»» DT 9205A excel BRAND Digital Multimeter
- »»» 390CCS Philips brand Contact Cleaner 200 ml
- »»» C 4 SUGON brand Tweeze



- »»» C 6 SUGON brand Tweeze
- »»» 11 IN 1 YAMATO Brand Screw Driver Set, Jackleybottle Shape
- »»» 936 SUGON Brand Soldering Station
- »»» SUGON -936 Accessories
- »»» 1501 SUGON Brand Instruments DC with Cables
- »»» 858 SUGON Brand SMD REWORK Station
- »»» H-328 HANSTER brand Universal Mobile holder
- »»» 250g/roll soldering Wire, diameter 0.5 mm
- »»» Copper Wire 0.1 mm
- »»» FK031 FEICK Long- Nose Plier
- »»» Soldering Paste

MISCELLANEOUS

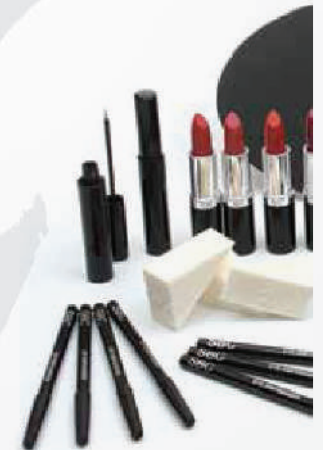
BEAUTY KIT

Beauty kits are sets that contain several different makeup or skincare products. A one stop shop for hydra-smooth lip color, bro-voluming fiber gel and famously provocative cheek powder. While, choosing a kit, consider looking at consumer reviews of the individual products or beauty lines to decide if it is a good value.

- Fem Bleach
- Oxy Bleach
- Powder Puff
- Bindi Box
- Manicure & Pedicure Kit
- Brush Set
- Eye Liner
- Eyebrow Pencil
- Lip Liner-2 Shades
- Hair Pins (Big)
- Hair Pins (Small)
- Mascara
- Hair Brush
- VLCC Facial Kit (Pouch Packing)
- Waxing Strips
- Hair Brush



- Sectioning Clips
- Scissors
- Wax
- Head Band
- Facial Wipes
- Fruit Message Cream
- Skin Toner
- Cleansing Lotion
- Astringent Lotion
- Body talc
- Skin Lightening Lotion
- Deoderent
- Steamer
- Dryer
- Pressing Machine
- Gold Facial Kit
- Thread
- Lipstick
- Eye Shadaows
- Foundation



MISCELLANEOUS

ANTI-RIOT PRODUCT

This equipment has got a specific role of catering to the requirement of security products, which is especially used for security policing. The anti-riot products are used in dealing with the unarmed crowd and its vital role is to avoid any major injuries.

ANTI-RIOT SUIT

Features

- »» Double plastic plate.
- »» Weight: 6.5KG, fit body height :> 175cm.
- »» Total protection proportion: >1.2m².
- »» Material: High-performance project plastic high molecular weight polythene non-fibre cloth.
- »» Comfortable to wear, its soft inner base resists injury, its double shell is made of PC to provide high quality protection.



ANTI-RIOT SHIELD & BULLET-PROOF SHIELD

Features

- »» Material: transparent PC (polycarbonate).
- »» Size: 900*500*3mm.
- »» Weight: 2.0kg.



MISCELLANEOUS

PLASTIC BATON

Features

- »» Material: PC&ABS plastic mixed.
- »» Measures: 60cm (L) *2.8cm (D).
- »» Weight: 605g.
- »» Will not splinter or dent and can be used as a throwing device.
- »» Comes with a lifetime warranty.



RUBBER BATON

Features

- »» Material: fiber core with PU coated.
- »» Available in 30 and 33.4 inch.
- »» Measures: 85cm (L) *2.5cm (D).
- »» Weight: 450g



BATON

Features

- »» Size: 35*510mm.
- »» Shock voltage: 300KV.
- »» Used for lighting and electric shocking.

MISCELLANEOUS



JUTE BAG MAKING MACHINE

The unit consists of a Bag Cutting Rotary, Hemming Machine, Herakle Machine, Printing and a Bailing Press Machine.

BAG CUTTING ROTARY



HEMMING



MISCELLANEOUS

HERAKLE MACHINE



PRINTING MACHINE



BAILING PRESS MACHINE



MISCELLANEOUS

AUTOMOBILES

- Buses
- Trucks
- Motor Bikes
- Scooter
- SUV's
- Electric Tuk tuk



BUSES

- Applications:
- »»» School
 - »»» College
 - »»» Staff (49 seats) City (37 seats) Tourist
 - »»» Intercity (30 seats) Moffusil (44 seats) One
 - »»» Two door(s) can be made in the wheelbase and rear overhang



TRUCKS

- Applications:
- »»» Construction
 - »»» Road work
 - »»» Coal



AUTOMOBILES

MOTOR BIKES

Specifications:

- »» Type: Air cooled 4 - stroke single cylinder OHC
- »» Displacement: 97.2 cc
- »» Max. Power: 5.74 kW (7.8 Ps) at 7500 rpm
- »» Max. Torque: 0.82 Kg-m (8.04 N-m) @ 4500 rpm
- »» Max. Speed:
- »» Acceleration:
- »» Bore x Stroke: 50.0 x 49.5 mm
- »» Carburettor:
- »» Compression Ratio: 9.0 :1
- »» Starting: Kick start
- »» Ignition: DC - Digital CDI with TCIS
- »» Oil Capacity
- »» Oil Grade

Transmission & Frame

- »» Clutch: Multiplate wet
- »» Gear box: 4 Speed constant mesh
- »» Frame Type: Tubular double cradle frame

Suspension

- »» Front: Telescopic hydraulic shock absorbers
- »» Rear: Swing arm with 2 step adjustable hydraulic shock absorber



SCOOTER

Specifications

- »» Class : Scooter
- »» Engine : 145 cc four-stroke (after 2002), two-stroke (before 2002)
- »» Top speed : 80 km/h
- »» Power : 7.5 BHP
- »» Torque : 1.1kgm@ 3500 rpm
- »» Transmission : 4 speed, manual with shifter in the left hand grip
- »» Suspension : Swingarm
- »» Brakes : Drum
- »» Tires : 3.50X10
- »» Wheelbase : 1230 mm
- »» Weight : 103 kg [1] (dry)
- »» Fuel capacity : 6 Litres, slightly over 1.25 gallon





SUV 'S

Designed with inputs from customers across the world, it is unmatched in terms of style, performance, technology, safety and comfort – a truly complete driving experience.



ELECTRIC TUK TUK

This vehicle lets you create a party for up to 6 passengers, unique for an electric vehicle! It is the ultimate vehicle for recreation, public transport, shuttle services, city centre tours, beach sides, camping's, hotels, natural reserves, holiday parks, children daycare etc. And the Limo offers massive space for advertisements. This makes this vehicle a true money making machine.

Available in:

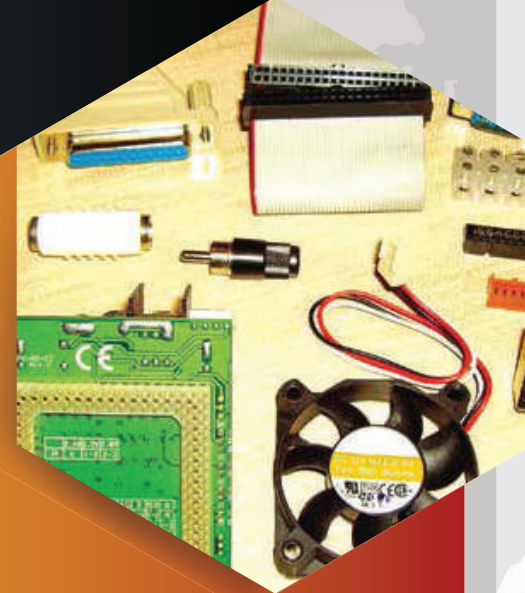
- »»» Driver+3
- »»» Driver+6



AUTOMOBILES

ELECTRICAL COMPONENTS

Halogen Flood Light
Pressure Dia Cast -
AL HPSV/MHT Street Light



HALOGEN FLOOD LIGHT

Features:

- »» Range: 500W / 1000W
- »» Housing: Pressure dia cast Al LM-24 with heavy duty hingded cover for safe and easy maintenance
- »» Cover: Tempered protective toughened glass 5mm thick thermal shock & impact resistant
- »» Optics: reflector made of high purity pre anodized dimpled Al sheet



PRESSURE DIA CAST - AL HPSV / MHT STREET LIGHT

Features

- »» Range: 70W / 150W /250W /400W
- »» Housing: Single piece dia cast Al LM-6
- »» Optics: "Pot optics Al reflectors with highpurity chip, electro chemically brighten anodized"
- »» Mounting: Suitable for OP-60mm dia max with two bolts



ELECTRICAL COMPONENT

MINING AND CONSRUCTION



- Crawler Dozers
- Wheel Dozers
- Excavators
- Dump Trucks
- Loaders
- Backhoe Loaders
- Pipe Layers
- Sprinklers
- Graders
- Underground Mining

MINING AND CONSTRUCTION

To ease the process of exploration and excavation of minerals, we provide Crawler Dozers, Wheel Dozers, Excavators, Dump Trucks, Loaders, Blackhoe Loaders, Pipe Layers, Sprinklers, Graders, Tyre-Handler, and C-Crane, among others.

MINING AND CONSTRUCTION

Crawler dozers are powerful tracked machines that use a variety of front mounted blades to move material. Large dozers often do pioneering work, such as moving dirt in preparation for new roadways or removing overburden in mining applications.

Features

- »»» 6 Inline , Diesel 4 Stroke , water cooled , turbo charged, direct injection
- »»» Flywheel Power:- 310 KW(416 hp)@2000 rpm
- »»» Maximum torque:-1780 N-m(181.5 kg-m) @1400 rpm
- »»» No of cylinders:- 6, inline
- »»» Alternator :- 24V, 100A/140A
- »»» Starting Motor:-24V, 9 KW
- »»» Battery:2x12V, 200 AH
- »»» Steering:- Wet, Multiple disc steering clutches are hydraulically actuated and require no adjustment. Min turning radius:- 3.7 m



MINING & CONSTRUCTION

WHEEL DOZERS

Wheel Dozers are specifically designed for mobility, maneuverability and good speed. Wheel dozers can travel at speeds of up to three times faster than track-type tractors.

Features

- »»» Type: Diesel , 4 Cycle, water cooled, direct injection
- »»» Aspiration:- Turbo Charged
- »»» Net power:-224 KW(300 fhp)@2100 rpm
- »»» Maximum Torque:- 1247.8 Nm(127.2 kgm) @1400 rpm
- »»» No of cylinders: 6
- »»» Bore stroke:-ø140x165 mm
- »»» Drive system:- 4 wheel drive
- »»» Front and rear axle:-Full floating type
- »»» Final Drive:- Planetary gear
- »»» Engine fuel & oil:- Full flow spin- on type



EXCAVATORS

Excavators (Hydraulic Excavators) are heavy construction equipment consisting of a boom, dipper (or stick), bucket and cab on a rotating platform known as the "house". The house sits atop an undercarriage with tracks or wheels. They are a natural progression from the steam shovels and often mistakenly called power shovels.

Features

- »»» Gross horsepower:- 2x300 kw@1500r/min
- »»» Operation mass:-170000 kg
- »»» Bucket capacity:-10.5m³-120m³
- »»» Type:-Squirrel cage induction motor
- »»» Output:-2x300 kw
- »»» Voltage:-6.6 KV +/-10%
- »»» Frequency :-50 HZ
- »»» Revolutions:-1500 rpm
- »»» Starting current:-4.5 p.u (approx.)

MINING & CONSTRUCTION



DUMP TRUCKS

A dump truck (known in the UK as a dumper/tipper truck) is a truck used for transporting loose material (such as sand, gravel, or demolition waste) for construction.

Features

- »» Type:- Diesel, 4 stroke, turbo charged, after cooled direct injection water cooled.
- »» Emergency steering:-Electrical supplemental steering is standard
- »» No of cyclinders:-6 inline
- »» Bore x stroke:- \varnothing 140x165mm
- »» Turning Angle:-42 degree
- »» Turning circle radius : 8.0m
- »» Vehicle clearance diameter:- 17.8m



LOADERS

A loader is a heavy equipment machine used in construction to move aside or load materials such as asphalt, demolition debris, dirt, snow etc.

Features

- »» Type:- Turbo charged, 4 cylinder, water cooled, direct injection, Diesel Engine
- »» Gross power:- 74 KW(100 hp) @2200 r/min
- »» Maximum torque : 375 Nm(38.2 kgm) @1400 rpm
- »» Governor:- Electronically controlled
- »» Lubrication:- Forced
- »» Service Brake:- Hydraulically actuated wet multiple disc brake at rear wheels
- »» Parking Brake: - Electro hydraulic actuated wet multiple disc brakes.



MINING &
CONSTRUCTION

BACKHOE LOADERS

A backhoe loader, also called a loader backhoe, digger in layman's terms, or colloquially shortened to backhoe within the industry, is a heavy equipment vehicle that consists of a tractor like unit fitted with a loader-style shovel/bucket on the front and a backhoe on the back.

Features

- »» Type:- Turbo charged, 4 cylinder, water cooled, direct injection Diesel Engine
- »» Gross power :57 KW(76HP) @2200 r/min
- »» Maximum torque : 300Nm(31 kgm)@1500 rpm
- »» Governor: Mechanical
- »» Lubrication:- Forced
- »» Air cleaner:- Dry type



PIPE LAYERS

Pipelayers are purpose-built to meet the unique demands of pipeline customers, pipelayers are designed for long life, serviceability and rebuild capability to help keep owning and operating costs low.

Features

- »» Type: - Diesel , 4 Stroke, water cooled, direct injection, turbocharged.
- »» Net power(fhp) :- 310 kw(416 hp)@2000 rpm
- »» Maximum torque:-1780 N-m(181.5 kg-m)@1400 rpm
- »» No of cylinders:-6 Inline



MINING &
CONSTRUCTION

SPRINKLERS

Sprinklers trucks are commonly used in mining applications, primarily for dust control. Water trucks usually consist of a series of spray nozzles equipped with the mechanics to pump and spray water to remove overburden or to hydrate mines when they become dry.

Features

- »» Type: - IC- Diesel, 4 Stroke, Turbo charged, direct injection, water cooled.
- »» No of Cylinders:- 6, Inline
- »» Bore & Stroke(mm):- $\phi 140 \times 165$ mm
- »» Fly wheel power:- 280 KW(375 HP)@ 2100rpm
- »» Motor:- 12.7 MPa(130kg/cm²)
- »» Brake oil cooler:- 0.54 MPa(5.5 kg/cm²)
- »» Speed:- 2900 rpm@1281/min



UNDER GROUND MINING

This car is used in underground mines for mine ore transportation. Made from the best grade of components and advanced machinery, the provided car is available in diverse sizes, finishes and load bearing capacity as per the defined need of our prestigious clients

Features

- »» Rated Power:- 55 KW
- »» Rated Speed:- 1485 rpm
- »» Flame proof conform to IS 214B-1981 & DGMS approved.
- »» Earth leakage Circuit breaker
- »» Door interlock to protect flashing hazards



MINING &
CONSTRUCTION

GRADERS

A grader, also commonly referred to as a road grader or a motor grader, is a construction machine with a long blade used to create a flat surface during the grading process.

Features

- »» Flywheel Power (net):- 209 KW(280 hp)@2100 rpm
- »» Blade Length:- 4928 mm
- »» Operating weight:- 25750 kg
- »» Type: - Diesel 4- stroke, water cooled, overhead valve, turbocharged, direct injection, mechanical all speed governor.
- »» No of Cylinders:- 6, inline
- »» Bore x stroke:- $\phi 140 \times 165$ mm
- »» Displacement :- 15240 CC
- »» Service Brake: - Foot operated, oil disc brakes, air actuated on 4 rear wheels and sealed for adjustment free operation. Two crossed brake lines for sure braking.
- »» Parking brake: - Mechanical, dry, disc type actuated on transmission output shaft, spring applied and air released.



MINING &
CONSTRUCTION

LAUNDRY EQUIPMENT

Industrial Washer Extractor
Machine
Industrial Drying Tumbler
Machine
Vacuum Finishing Table



INDUSTRIAL WASHER EXTRACTOR MACHINE

Features

- »»» Loading Capacity of 15 Kg.
- »»» Front Loading
- »»» Heavy duty
- »»» High Spin
- »»» Full Stainless Steel Cabinet
- »»» Electrically operated (Motorized)
Drain Valve,
- »»» Operates on 415 V, 3 PHASE, 50 HZ
AC supply



VACUUM FINISHING TABLE

Features

- »»» Vacuum Finishing Table with steam iron and suitable steam generator,
cap. 6 kg out put
- »»» Table Size- 1200mm x 750mm

LAUNDRY EQUIPMENT





INDUSTRIAL DRYING TUMBLER MACHINE

Features

- »»» Front Loading
- »»» Open pocket
- »»» Electrically Heated With Loading Capacity of 15 Kg. Per Charge,
- »»» Consists of Auto Timed, Auto Reverse-Forward, Auto Digital Temperature Control
- »»» One Motor each for Drive And Blower.
- »»» The controller is built for rugged 24x7 operations.
- »»» Operates on 415 V, 3 Phase, 50 Hz AC Supply Operation Cycle 40 to 60 minutes.



LAUNDRY
EQUIPMENT





A UNIT OF SPRINGBOARD ENTERPRISES INDIA PVT. LTD.

2nd Floor, Plot No. 7, 8, 9, Garg Shopping Mall,
Opp. Sector-11 (Extn.), Rohini Phase -2, Delhi-110085, India
T: +91 11 4751 4751, F: +91 11 4751 4752, M: +91 9899969196
E: indocorp@indocorp.org W: www.indocorp.org