

WELCOME TO THE WORLD OF MACHINES
PRODUCT CATALOGUE



COIMBATORE | BANGALORE | KERALA

AN ISO 9001-2008 CERTIFIED

EUROPEAN COLLABORATION AND TECHNOLOGY WITH
INNOVATIVE AND CREATIVE ENGINEERING FOR
MORE THAN 20 YEARS

Powertek Enterprises is India's No. Industrial Machine Manufacturing Company. This widely recognized position has been achieved over years of hard work, innovation, commitment to quality and reliable customer service. The company is engaged in the Manufacture, supply of equipments for construction, food processing machines, paper related machines.

Our in-depth experience in the field at industrial machinery have led us to supply quality and proven design machinery of leading enterprenurs all over globe.

Competent Advice

Proper customer guidance and service are our top priorities. Our well trained and experienced specialists are always at your disposal from the project planning stage to final building inspection. They help you to choose a perfect product solution tailored to your requirements.

Install, Commission & Service

Our team of committed and diligent engineers and technicians; many of whom are trained at advance training ensure perfect installation and trouble free commissioning according to our specifications assuring product reliability and life.

WINNING KERALA -201



PARTNER TO YOUR SUCCESS



ORIGINAL SPARE PARTS

Guaranteed original spare parts availability for 10 years



Our sister concern

SAMAGRA INDUSTRIAL CONSULTANCY

Samagra Industrial Consultancy Private Limited is a professional business consultancy firm based in Pathanapuram. Our package involves a complete solution to all aspects of business and industry right from the beginning. We have got tie-up with experts in all relevant areas, all around the globe, which enables us to fulfill each and every legal and professional requirements of our clients. Our great commitment and approach towards the work undertaken and our ability to meet the deadlines overcoming all bottlenecks, have made us to grow with more than 500 satisfied clients all over the country.

WE OFFER THE FOLLOWING SERVICES

01. Preparation of Feasible Project Reports for Business, Industrial Units and Service Enterprises.
02. Trademark Registration (India and abroad).
03. Preparation of Loan application and liaisoning with Financial Institutions
04. Patent Registration.
05. Preparing plan and estimate of industrial and commercial buildings.
06. KVAT & CST Registration, APPEAL, Revision etc
07. Copyright Certification.
08. Registration with Commodity Boards, Export Promotion Council etc.
10. Registration of Partnership Firms, Private Limited, Public Limited Companies, Societies, Trusts etc.
12. Registration of SME, Medium and Large Scale Industries.
13. NOC from various Departments/Boards like Pollution Control Board, Factories and Boilers, Fire Force, DMO, Labour Department etc.
14. Licenses from Local Bodies.
15. Assistance in Marketing and Sales Promotion Activities.
16. Market Survey and Feasibility Studies.
17. Quality Certification for Products from Bureau of Indian Standards and for Firms ISO Certifications.
18. Entrepreneur Support Schemes.
19. Sick Units Rehabilitation Programme.



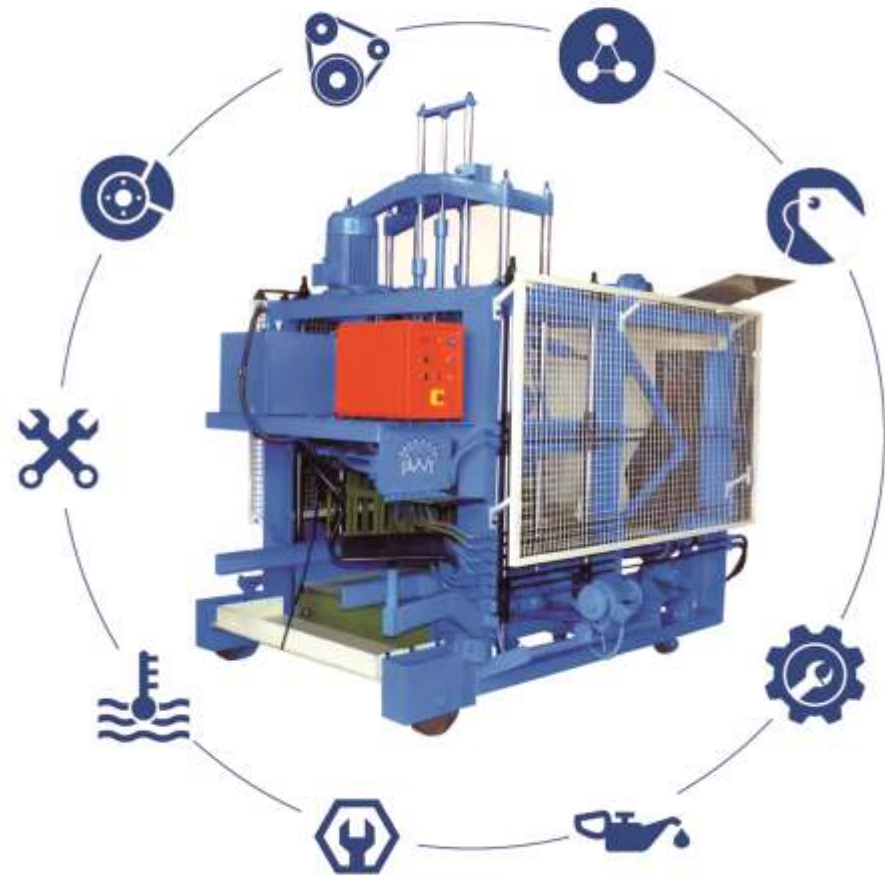
P1720 Hydraulic Block Machine

P1720

The PWT 1720 is an egg laying type hydraulically operated Concrete Block making machine, with integrated mix feeder and Hooper. There are two separate vibrators for moulds and two separate vibrators for ram, to achieve the maximum strength. Six hydraulic levers are used, one each to operate the ram, the Hooper door, the mix feeder and two to move the machine.

Specification:

No of Operations	: 80 - 90 per hour
Vibrator Motor	: 3 HP, 440 V (4 motors), 3 PH, 2880 RPM
Hydraulic Pump Motor	: 7.5 HP, 440 V, 3 PH, 1440 RPM
Moving Motor	: 1 HP, 440 V, 3PH, 1440 RPM, 1.5 HP
Hydraulic Oil	: Hydraulic 68 Grade
Machine Weight	: 3500 Kg (Approx.)
Cubic Space occupied by the M/C	: 3100 mm x 2200 mm x 2000mm
Capacity	: 400x 200x 100 mm (4") (16 Blocks/Stroke) : 400x 200x 150 mm (6") (10 Blocks/Stroke) : 400x 200x 200 mm (8") (8 Blocks/Stroke)



ONE

Auto Feeder D. Punch Block Machine

P1660 AFD

We feel proud to introduce ourselves as the leading organization of Auto Feeder Double Punch Hollow Block Machine. Used for making different types of concrete blocks, our offered block machine is manufactured using the top quality material and latest technology. In order to meet all quality norms, our offered block machine is verified on numerous quality parameters. Customers can avail this block machine from us at reasonable rates.

Features:

- Long working life
- Easy maintenance
- Optimum performance

Specification:

Power	: 10 HP Three Phase
Hydraulic Pump Motor	: 5 HP 1400 mm Three Phase
Vibrator Motor (Bottom)	: 2 HP X 2 2880 RPM Three Phase
Vibrator Motor (TOP)	: 2 HP 2880 RPM Three Phase
Travel Motor	: 1 HP 1440 RPM Three Phase
Operating Pressure	: 200 KG / CM ²
Vibrations	: 6000 HZ Amplitude Adjustable
Molding Area	: 1060 X 900 mm
Dimension	: 2500 X 1800 X 2300 mm
Weight	: 2100 Kg (Approx)
Production Capacity	: 4" Block - 16 Block / Stroke, 5000 / Shift 6" Block - 10 Block / Stroke, 4000 / Shift 8" Block - 8 Block / Stroke, 3000 / Shift



P860

Power	: 5 HP Three Phase
Hydraulic Pump Motor	: 3 HP 1440 mm Three Phase
Vibrator Motor	: 1.5 HP 2880 rpm Three Phase
Travel Motor	: 0.5 HP 1440 rpm three Phase
Operating Pressure	: 140 Kg/ cm ²
Vibrations	: 6000 hz Amplitude Adjustable
Moulding Area	: 860x600 mm
Dimension	: 2000x1300x2000 mm
Weight	: 1100 Kgs (Approx)
Production Capacity	4" Block-8 Block/Stroke, 2000/sh 6" Block – 5 Block/Stroke, 1600 /sh 8" block-4 Block/Stroke 1100/sh

TRIPLE VIBRATOR SYSTEM: The concrete in the mould is heavily compacted by applying vibrations from top through ram and double vibrator at the mould. Highly compacted blocks bring very good compressive strength, low water absorption even at lean mix ratios.



Vibrating Table

Table

We are a recognized producer, wholesaler, merchant and supplier of Concrete Floor Tile Making Machine. Our offered Floor Tile Machine is produced utilizing the top quality material and most recent innovation. So as to meet all quality standards, our offered Floor Tile Machine is checked on various quality parameters. Clients can profit this Floor Tile Machine from us at sensible rates.

Specification:

Type	: Paver Tiles
Method	: Vibro form bed
Capacity	: 3000 Square/shift
Power	: 10 HP
Certification	: ISO9001:2008
Warranty	: 1 YEAR
After-sales Service Provided	
Engineers available to service machinery overseas	

Benifits :

Quality Blocks with minimum
proportion of cement
Higher production
Lesser manpower required
Cost-effective solution



Cement Interlock Machine

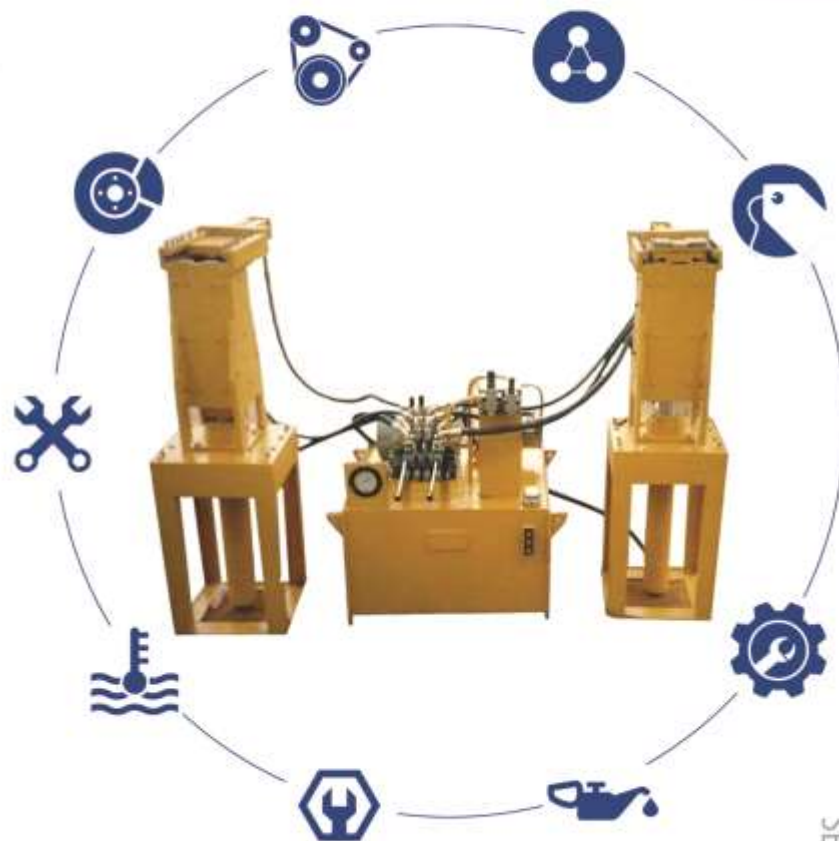
Keeping in mind the diverse requirements of the clients we manufacture, supply and export comprehensive range of Interlock Brick Making Machine. Our products are widely utilized for building construction and are Eco-friendly in nature. Our products yields bulk amount of bricks and have high production capacity. With the assistance of experienced and dedicated professionals, we are able to maintain strong foothold in the industry.

Specification:

Power Required : 7.5 H.P,3 phase 1440 R.P.M.
Production Capacity : 1000 to 1500/shift.
Mould Size : 10" x 8" x 5", 10" x 6" x 5"

Benifits :

Quality Blocks with minimum
proportion of cement
Higher production
Lesser manpower rewired
Cost-effective solution



NM-02 Soil Interlock Block Machine

We hold an expertise in manufacturing, exporting and supplying Interlocking Soil Block Making Machine. This product is made under the supervision of our experienced professionals using high-end machinery and standard technology. Our machinery is well equipped with quality components to ensure perfect finish and prime quality. The raw materials required for making this machine are procured from our reliable market sources to make these meet with the international manufacturing standards.

Specification:

Power Required: 7.5 H.P,3 phase 1440 R.P.M.

Production Capacity:1000 to 1500/shift.

Mould Size: 10" x 8" x 5",10" x 6" x 5"

Benifits :

Quality Blocks with minimum proportion of cement

Higher production

Lesser manpower rewired

Cost-effective solution

Requirements :

12, 500 sq.ft concrete platform

Reversible Mixer machine

(Capacity 750 Litre)

Front-end Loader



NM 02

Automatic Fly Ash Brick Machine

We are reckoned amongst the most prominent organization continuously engaged in offering Fly Ash Brick Making Machine. Our offered brick making machine is use in construction & civil industries. This brick making machine is manufactured in conformance with the international standards. The offered brick making machine is provided in customized options at very economic rates.

Features:

- Reliable performance
- Rugged design
- Easy to operate

Specification:

Capacity	150-Ton-12 Bricks	150 Ton - 15 Bricks
Power	40 HP	45 HP
Pump	Imported Eaton	Imported Eaton
Production	Per Stroke 12 bricks	Per Stroke 15 Bricks
Capacity	(16,000-17,000 b./S.)	(20,000-21,000 bricks /Shift)
Conveyor Belt	2 Hp Gear Motor	2 Hp Gear Motor
Brick Size	230x110x75 mm	230x110x75 mm
System	Hydraulic Fully Automatic	
Mix Feed	Conveyor	Conveyor
Brick Removal	Manual	Manual
Raw Material	Fly ash iron Oxide, Lime Sludge, Quarry Waste etc.	Fly ash iron Oxide, Lime Sludge, Quarry Waste etc.
Weight	4500 kg (Approximately)	4500 kg (Approximately)



Industrial Lifting Machines

We design and manufacture a wide range of construction equipment that is made using high quality raw materials. Durable in construction and compact in design, our range of machines are widely used by our clients in the construction industry. Our range of equipment Our product range includes Concrete Mixer Machines, Sand Siever, Mini Lift, Builder Hoist, Sand Mixer, wheel Barrow, Cement Hollow Block Machine & Concrete Block Machine etc.

Specification:

Lifting Weight	: 250 kg
Tested Full Rope	: 8 mm dia
Power	: 1.5 HP(S/T Phase)
Lifting Height	: 30 Meters



Mini Lift

150kg lifting weight



Platform Lift

Capacity 7.5 HP, 1000kg



Ladder Lift

Lifting Height : 36'
Tested Full Rope : 12 mm dia,
45 Meter Diesel Engine 10 HP

Engine type Concrete Mixer Machines

We offer wide range of Hydraulic Concrete Mixer Machine. These construction concrete mixer have batch of 200 Lts. 10 CFT unmixed/ 7 CFT mixed. Made from steel sections, the chassis of the machine is heavy duty and robust in construction. These machines come with A.C. drive Diesel Engine and hydraulic operated heavy duty power patch loading hopper.

Specification:

Concrete Mixer Machine wheel type with Hydraulic Hooper

10/7CFT : 6HP Kirlosker Engine air cooled

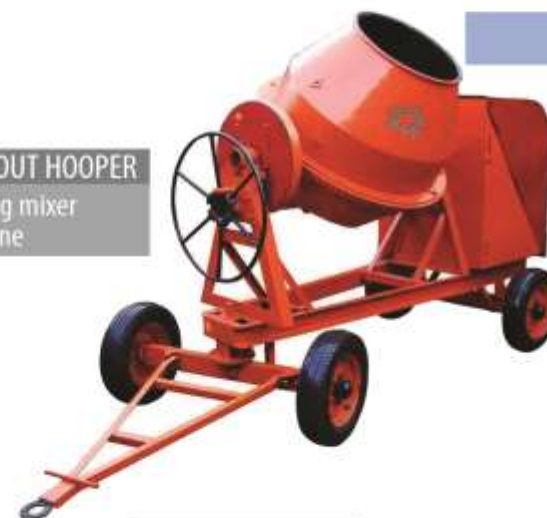
Concrete Mixer Machine wheel type

10/7CFT : 6HP Kirlosker Engine air cooled

6 Bag Concrete Mixer Machine wheel type

16HP Kirlosker Engine air cooled

WITHOUT HOOPER
full bag mixer
machine



WITHOUT HOOPER
full bag mixer
machine



WITHOUT HOOPER
full bag mixer
machine



Electric type Concrete Mixer Machines

We are the prominent manufacturers and suppliers of a wide range of Electric Motor Concrete Mixer 1 Bag, 3/4 Bag, 1/2 Bag that is widely used for varied industrial applications. These are well-known for its high performance, low maintenance and durability. Clients can avail these as per their requirement and at affordable prices. Our ranges of products are available in different dimensions, sizes and shapes. They are checked stringently by quality analysts to ensure that defect free range is supplied to our customers.

Specification:

Unmixed capacity	: 10 cu.ft
Mixed capacity	: 7 cu.ft
Powdered by	: 5 H.P Electric motor
Speed of drum	: 20 R.P.M

3 HP Mixer

Unmixed capacity	: 10 cu.ft
Mixed capacity	: 7 cu.ft
Powdered by	: 3 H.P Electric motor
Speed of drum	: 20 R.P.M



REVERSIBLE DRUM MIXER
Six Bag Concrete
Mixer



7/5CFT (3/4 BAG)
3/4 Bag Concrete
Mixer



10/7 CFT (FULL BAG)
Full Bag Concrete
Mixer

Construction Equipments



Pan Mixer



Kneeder Vibrator



Material Trolley



2 Wheel Brick Trolley



4 Wheel Brick Trolley



Sand Siever



Earth Rammer

PWT JBZ A12 Paper Cup Machine

PWT JBZ A 12

PWT KBZ-A12 Paper cup forming machine is a multistation automatic machine producing single-side PE coated drink cups, ice creams cups or conical vessels of other food through continuous process of automatic paper feed, medium welding tube forming, cup rabbet lubrication, body paper rush, bottom pressing, heating, bottom knurling, upper mouth hemming, binding, unloading and finished product stacking.

Specification:

Cup Size	: 90-330 ml
Productivity	: 45-60 Cup/min
Raw Material	: Single PE coated paper
Paper Weight	: 80-350 gsm
Power Source	: 220V/380V
Power	: 4KW
Weight	: 2000 Kg Approx.
Machine Size	: 2800x1350x1700(LWH)



PWT Paper Plate Machine

PWT W2

Hydraulic Paper Plate Making Machine – Two Workstations, Double Die
The Hydraulic Paper Plate Making Machine with two work-stations needs two persons for production and manual feeding and is very easy to operate. It can adopt different size of plates at the same time in the same machine. Being robust in design and manufactured fully in our manufacturing facility in India it requires very little maintenance.

Specification:

Production	: 20 Strokes
Paper Material	: 80 – 300 GSM
Spec of Paper Plate	: 6" – 14" Moulds
Total Power	: 220V, 50HZ, 1HP
Weight	: 350Kg – 400 Kg

This machine allows us to make paper plates of any design, shape & size In this machine we can cut the paper according to our choice i.e.any shape & size.

We can put 2 dies at a time and get very high production
The machine works through digital panel board
Machine requires one person(unskilled) to put paper and to pick the final product



Non Woven Machine

Ultrasonic Double Spot Handle Fixing Machine

With the help of our diligent professionals, we are able to supply a wide range of Ultrasonic Double Spot Handle Fixing Machine that is highly used for nonwoven fabric forming, sealing, seaming, bonding, etc. Our deft professionals use optimum quality components with the help of contemporary techniques in the manufacturing of the provided machine. This machine is rigorously tested on different measures of quality to avoid any kind of defect as per defined industry norms and standards.

Ultrasonic Double Spot Handle Fixing Machine



Hi-Tech Non Woven Blank Face Mask Making Machine

With aluminum rack, it is tidy and beautiful. The finished machine has no welding but a full screw construction. With organic glass or shell, human-machine interface and touch screen, it has built-in time, total out-put, daily out-put and it can set automatic alarm of quantity and automatically stop. Digital key can adjust piece branding speed. The face mask piece exiting is out-put by conveyor belt. The speed is adjustable. The motor is imported from Taiwan. The gear reduction has brake function. With extremely low noise, the face mask moulding is welded ultrasonically. With superior performances and high speed piece branding, the width of face mask is adjustable in certain in certain range.



Hi-Tech Non Woven Blank Face Mask Making Machine

Non Woven Bag Machines

4-color Non Woven Bag Printing Machine

We feel proud to introduce ourselves as the leading supplier of premium class range of DSL-850 Bag To Bag Printing Machine 4 Color. Offered machine is extensively demanded owing to its simple operation and smooth functionality. The provided machine is manufactured with high precision by our skilful professionals who hold years of experience in the domain using supreme grade components and ultra-modern techniques in accordance with defined industry standards. This machine is used in bag making industry for printing.



4-color Non Woven Bag Printing Machine

Nonwoven Bag Handle Cutting Machines

Prominent & Leading Manufacturer from Coimbatore, we offer hydraulic punching machine, bag cutting machine and non woven d- cut bag punching machine.



Nonwoven Bag Handle Cutting Machines

Rotary Oven

High out-put -720 loaves per hour.

Low production cost - We have well architected combustion chamber to produce more heat transfer that will results in minimum production cost.

Minimum down time - Externally assembling the moving parts resulting in reducing the break down time.

Easy operation - Simple and easy to operate control panel

Steam system - Efficient steam system which allows desired level of steaming to the products quantity can be to the required level. (option)

Robust construction - The structure of machine is heavy and strong with suitable re-inforcement, managing accessories ensure long hassle free service.

Service backup - For all our customers we have assured life term services and parts are served by our service centre.

Temperature - Maximum up to 300° C

Specification:

Model No.	Power required	Outer Dimension			BreadBun / Biscuit / Rusk		Tray Size
		W	D	H	Step-loaves		Step-Tray
T-60	1.5 HP. 1/3Ph	52"	66"	65"	5 – 60	8 – 16	19.5" * 13.5"
T-84	1.5 HP. 1/3Ph	52"	66"	74"	7 – 84	12 – 24	19.5" * 13.5"
T-96	1.5 HP. 1/3Ph	52"	66"	78"	8 – 96	13 – 26	19.5" * 13.5"
T-108	1.5 HP. 1/3Ph	52"	66"	82"	9 – 108	14 – 28	19.5" * 13.5"
T-120	2.5 HP. 1/3Ph	52"	66"	88"	10 – 120	16 – 32	19.5" * 13.5"
T-162	2.5 HP. 3Ph	63"	87"	87"	18 – 162	14 – 28	27" * 14.5"
T-216	2.5 HP. 3Ph	81"	103"	111"	18 – 216	14 – 28	36" * 14.5"
T-264	3.5 HP. 3Ph	81"	103"	113"	22 – 264	18 – 36	36" * 14.5"
T-320	5.0 HP. 3Ph	91"	119"	115"	20 – 320	15 – 30	36" * 19.5"
T-352	5.0 HP. 3Ph	91"	119"	119"	22 – 352	20 – 40	36" * 19.5"





Specification

DOUGH KNEADER

MS Bowl
SS Bowl
Capacity 40kg, 80kg



Specification

BREAD SLICER

Excellent smooth slicing system
slice thickness 10mm & capacity 24bi,
34bi special knives to ensure an accurate
cut and a long life of knives



Specification

CAKE KNEADER 4 SPEED TYPE

40 Lt Cap Bowl
4 Speed (Gear Driven)
Motor 1.5 HP 1PH or 3PH



Specification

SPIRAL MIXER

Flour Capacity 25kg, 50kg & 100kg
Dough Capacity 40kg, 8kg, 160kg

Chapati Machine

Dough Cutter with compressor

Our Dough Cutter with compressor— can produce Dough balls in uniform shapes at faster rate.

Some of its unique features include the following:

- Uniform weight balls
- Less manpower
- Fast production
- Very hygienic preparation



Dough Cutter with compressor

Chapati Cooling Conveyor

Our Chapati cooling conveyor— can cool the chapathis in continuous process.

Some of its unique features include the following:

- Uniform cooling system
- Buffing of chapathis to avoid sticking.
- Fast production
- Sprays dry flour
- Very hygienic preparation
- Flour apply on both side.



Chapati Cooling Conveyor

Chapati Machine

Fully Automatic Chapati Machine

Our Fully Automatic Chapati Machine is widely appreciated owing to its high efficiency in preparing baked chapati and raw puris in a rapid manner, saving both time and labour. These machines are durable, corrosion resistant, & dimensionally accurate and are offered in customized form.

Some of its unique features include the following:

- Fast production
- Save precious time
- Very easy operation
- Low production cost
- Very less labour need
- Very hygienic preparation
- Uniform baking and puffing



Fully Automatic Chapati Machine

Our Chapati Pressing Machine

Can produce Mild Heat Chapathi and they are widely appreciated owing to its high efficiency in preparing Chapati in a rapid manner, saving both time and labour. The dough balls are pressed and baked mildly with automatic controls.

Some of its unique features include the following:

- Press forming and mild heating
- More self life
- Suitable for packed chapathi
- Adjustable size & thickness
- With safety sensor.
- Fast production
- Save precious time
- Very easy operation

Our Chapati Pressing Machine



DOMESTIC WET GRINDERS

Maxel Plus Table Top Grinder
Sleek Plus Table Top Grinder
Sleek Table Top Grinder
Supreme Table Top Tilting Grinder
Economic Table Top Wet Grinder
Tiny Table Top Grinder
Domestic Tilting Grinder
Domestic Coconut Scrapper
Conventional Wet Grinder
Masala Drum

COMMERCIAL WET GRINDERS

Commercial Conventional Wet Grinder
Commercial Tilting Grinder
Commercial Lifting Wet Grinder
Commercial Double Grinder

KITCHEN EQUIPMENTS

Potato Peeler
Atta Kneader
Vegetable Cutter
Instant Grinder
Commercial Coconut Scrapper
Commercial Mixer
Rice Washer
Flour Mill

Mini-Pulveriser-500x500



Cheeda Making Unit



Commercial-Conventional-Grinder



Ghattiya Making Unit 2015 SS



PWT B580 Non Woven Bag Machine

PWT B580

This nonwoven bag making machine special designed for non woven bag making, this machine takes nonwoven as raw materials. This machinery can produce nonwoven bags of various sizes and shapes, such as nonwoven shopping bags, reticules, flat port bags, clothing bags, shoes bags, and other products packaging bags.

This machine is electro mechanical integrative, once through fully automatic forming, touch screen operation is applied, photo electric trace, computerized deviation rectifying function, hence accuracy and smooth. Such automatic devices as slotting device, punching device and metering device are equipped. Finished products are produced at fast speed, in high efficiency, and in firm appearance after welding. This machinery is an optical choice for the nonwoven bag making enterprise and businessmen devoted to the production of nonwoven environment friendly bags.

Specification:

1. local touch-screen computer configured to operate;
2. arbitrarily set a long-step electric track, a smooth, lost support from the standard parking
3. feed off automatic shutdown, auto-punch;
4. while at the end of the roll-ultrasonic welding, in particular, solid,smooth;
5. automatic temperature and automatically correcting leaks;
6. while cutting edge automatic closure, automatic nesting.



Food Processing Machine



Banana Slicer



Mixture Making Unit. 2015



Twilting Grainder



Sleek Plus Grinder



Vegetable-Cutter



Vegetablechopper



Kuzhalappam
Making Unit Manual

TWENTY FOUR

India's No.1 Industrial Machine Manufacturing Company



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