



MANUFACTURERS & EXPORTERS OF PROCESS PLANTS ON TURNKEY BASIS

HERBAL | ESSENTIAL OIL | EXTRUSION TECHNOLOGY
FOOD PROCESSING (F & V)



- With More than "300 Technologies"
- Plants Installations allover INDIA
- Exported to "50 Countries"
- "2,000+ Installations" on Turnkey Basis



BEST ENGINEERING TECHNOLOGIES

(AN ISO 9001:2015 Certified Company)

Contact: +91 9391057812 +91 94940 16234, 94940 17234

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Plot No.4, Survey No.174 &176,IDA Bollaram,Jinnaram (M) Sangareddy (D) 502325.Hyderabad,
Telangana. INDIA. Email id: bestengineering@gmail.com, Web: www.bestengineeringtechnologies.com

SOLVENT EXTRACTION PLANTS ON TURNKEY BASIS

Herbal Extraction Plant



Solvent Extraction Plants

Spices Oleo Resin Plant



- ◆ Herbal Extractions
- ◆ All Alkaloids (Vinea, Morinda)
- ◆ Natural Colours (Bixin & Dye's)
- ◆ Steroidal Saponins (Tribulus, Centella)
- ◆ Oleo Resins (chilly, Turmeric)
- ◆ Gums & Resins(Guggul, Boswellia)
- ◆ Floral Extracts (Concrete & Absolute)

Natural Colours Extraction Plant



Turmeric (Curcumin) Extraction Plant



Floral Extraction Plant



Gums & Resins Plant



Spray Dryer



We Fabricate and Supply SS Reactors and Storage Tanks

DISTILLATION PLANTS ON TURNKEY BASIS

Spice & Essential Oils Distillation Plant

- ◆ Field Level Distillation Plant
- ◆ Spice Oils Distillation Plant
- ◆ Agar Wood Distillation Plant
- ◆ Multi Purpose Distillation Plant
- ◆ Gums & Resins Distillation Plant
- ◆ Floral Distillation Plant
- ◆ Vacuum Distillation Plant
- ◆ Pilot & Lab Scale Plant

Multi Purpose Distillation Plant



Spice Oils Distillation Plant



100 & 50 TPD Steam Distillation Plant



Pilot Scale Distillation Plant



Field Level Distillation Plant (SS & MS)

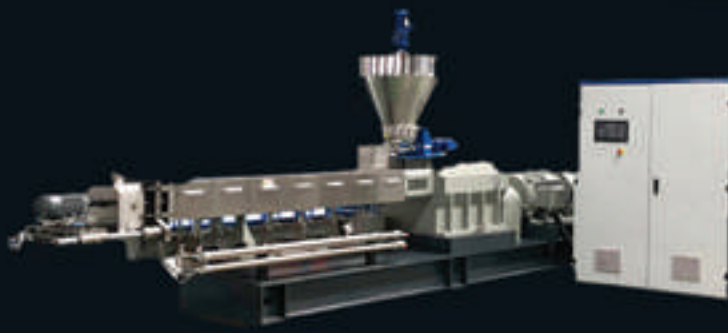


Agar Wood Distillation Plant



We Do Customised Projects of Any Capacity

Fortified Rice Plant



Advantages Over Others

- Service center in punjab with all spares
- Easy maintenance and operation
- Electrical 415 v
- Hot Air Circulation System to Dryer
- Motor guard for safety
- Extra cooling jackets

Our Services

- Live demo available at any time.
- Providing training for Extruder operator.
- Plant will be supplied on turnkey Basis
- Imported from China electrical with 415 v
- Installation & service by our own experienced Technicians.
- Service Support any where in INDIA.

Different Types of Extruders



Screw -70
Capacity 150 kg/hr



Screw -75 - PLC
Capacity 200 kg/hr



Screw -78 - PLC
Capacity 500 kg/hr

**WE UNDERTAKE
FULLY AUTOMATIC PLANT**



Technology Upgradation



PULVERISER (Negative force)
MOC SS 304, Heavy Duty with Dust Collector, Air lock system and blower.

EXTRUDER

1. With additional Gear box
 2. Cooling Jacket in three zones,
- To increase capacity, life and strength.



VIBRO SHIFTER

Extra one meter long with two cooling fans

DRYER

Hot air Circulation System,
Run on two geared motors



COOLING CONVEYOR

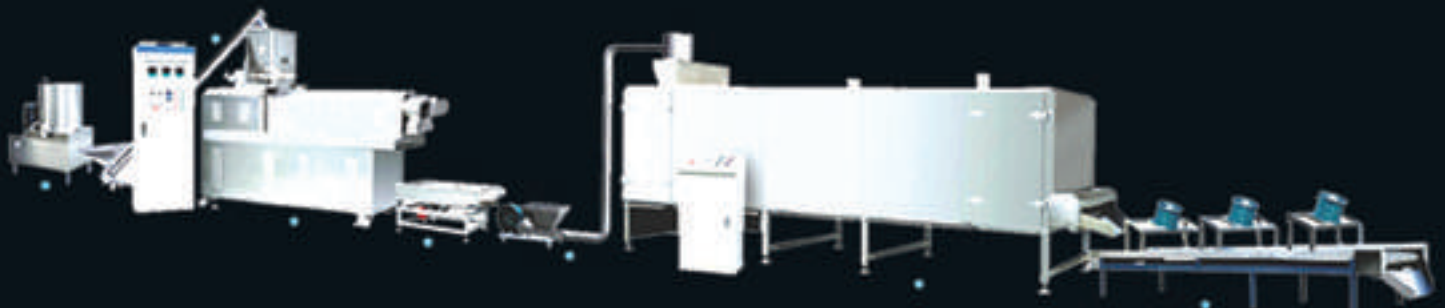
Two extra fans (Total six No's)
for Better cooling

INDIAN BRANDED MOTORS

We provide Crompton Greaves,
ABB or Siemens motor with 415 V



**We installed Highest plants in india
(140 Plants - up to August 2023)**



INDUSTRIAL MICROWAVE MACHINERY

Applications For

DRYING

STERILIZATION

ROASTING

HEATING



Microwave Drying

Fruits & Vegetables, Spices, Sesame, Prawns, Nutritional powder, Wood, Textile products, Food, Tea, Medicine, Chemicals, Rubber, Paper, Paper straws, Ceramics & Flowers, Nuts, etc

Microwave Roasting

Almonds, Walnuts, Peanuts, Hazelnut, Melon seeds, Red bean, Oat Meal, etc

Microwave Sterilization

Spices, Powders, Chilli Powders, Blackpepper, Dried Vegetables, Preserved Fruits, etc



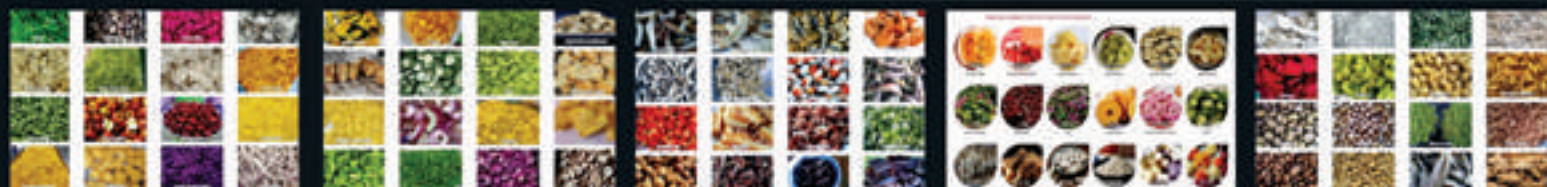
Vacuum Frying Technology

(Fruits & Vegetables, Pet Foods, Spices, Soup Porridge and Aquatic Products)



Advantages

1. A Heating, Frying, Oil, Deciling, Dewatering, Oil Filter integrated Design, Low continuity completed under vacuum, The product in a vacuum state.
2. Automatic control of temperature and pressure(VACUUM). No Overheating, No Overpressure, to ensure product quality and safe production.
3. Deciling adopts frequency conversion speed regulation, suitable for all product with low Oil content and high Oil Content.
4. The Oil-water separation system can cool and separate the evaporated water Oil, reduce the pollution of the water circulation, increase the repeated use rate of water, and reduce the loss of Oil.
5. Oil filtration system: UP and down Oil tank, Double chamber heating system, separate control heating, frying and circulating Oil, so That The grease is always clean, and reduce the water of Oil.
6. The machine is made of stainless steel and has the characteristics of high Efficiency



FOOD PROCESSING PLANTS

CASHEW PROCESS PLANT



TAMARIND PROCESS PLANT



Tamarind De-Seeding
Tamarind De-Hulling
Block Making, Pulp,
Powder (Seed and Pulp)

HONEY PROCESSING PLANT



CHILLY & MASALA POWDER PLANT

Cleaning
Drying
Powdering
Sieving,
Powdering



TOMATO PROCESS PLANT



Tomato Puree,
Pasta, Sauce,
Ketchup

GINGER PROCESS PLANT



Ginger Washer,
Slicer,
Powder,
Essential Oil,
Oleoresin

SOYA PROCESS PLANT

Soya Milk,
Paneer (Tofu),
Soya flavoured
Milk & Paneer



TURMERIC PROCESS PLANT

Cooking, Drying,
Polishing
Powdering
Essential Oil
Curcumin



AMLA PROCESS PLANT

Amla Juice
Amla Candy
Murabba
& Powder



ALOE VERA PROCESS PLANT

Aloe Vera Juice,
Gel & Powder



FOOD & HEALTH INGREDIENTS

(More than 200 Products)

MULTI PURPOSE PROCESS PLANTS ON TURNKEY BASIS FOR



Tomato Pulp



Natural Colors



Spice Powders



Herbal Extracts



Essential Oils



Vanilla Extract



Dehydrated Fruits



Floral Extracts



Natural Extracts



Dehydrated Vegetables

APPLICATIONS

Bakery & cereals
Beverages
Confectionery
Dairy and desserts
Nutritional & health foods
Oils, fats and spreads
Convenience food
Ingredient blenders
Snacks, soups, sauces,
Seasonings & Dressings

F & H INGREDIENTS

FOR

CREATE THE TASTE
TEXTURE
PERFORMANCE
APPEARANCE

PRODUCTS

Dehydrated Fruit & Vegetables
Spray dried Powders
Vegetables dehydrated Powders
Spice & Essential Oils
Spice Oleoresins
Floral absolute & Concrete
Natural Colors

HOT EXTRUSION TECHNOLOGY

PROCESSING LINES

- ▶ PUFFED SNACKS PRODUCTION LINE
- ▶ CORE FILLED SNACKS PRODUCTION LINE
- ▶ KURKURE PRODUCTION LINE
- ▶ PASTA PRODUCTION LINE
- ▶ PET FOOD PRODUCTION LINE
- ▶ FISH FEED PRODUCTION LINE
- ▶ CORN FLAKES PRODUCTION LINE
- ▶ BREAKFAST CEREALS PRODUCTION LINE
- ▶ BREAD CRUMBS PRODUCTION LINE



Drying Technology



Heat Pump Dryer



Tray Dryer



Microwave Dryer



Vacuum Tray Dryer



Continuous Dryer



Rotary Dryer

APPLICATIONS

FRUITS



NUTS



HERBAL



VEGETABLES



GRAINS



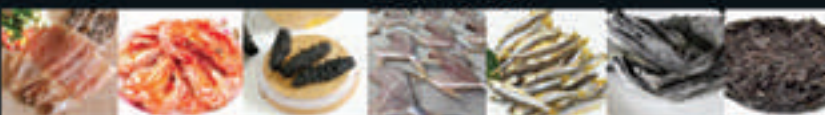
SPICES



RHIZOME FOODS



SEA FOODS



TEA PRODUCTS



Energy Bar Production Line

Nuts / Cereals / Proteins



Heat pump Dryer

Fruits , Nuts, Herbal, Vegetables, Grains, Spices, Rhizome Foods & Sea Foods



- Excellent humidity and temperature control,
- keep material in good shape & color
- Low investment
- Wide application
- Energy saving
- Labour saving
- Environment friendly

Root Vegetables Processing Line

- Reasonable design
- Convenient in Operation
- High efficiency
- Labour saving
- Environment friendly



Freeze Dryer

Fruits & Vegetables, Rhizome Foods & Sea Foods



- Good re - Hydration nature
- Good and fresh flavor & taste, almost as fresh materials after re - hydration
- Good-looking (100% keep original color & shape & volume)
- Remain nearly 100% of the original nutritious components no loss.
- Longer preservation time and quality assurance in room temperature

Spice Powder Plant

Micro Pulveriser



Cone Pulveriser



Single Stage Chilly Powder Plant



- ✓ Low energy consumption
- ✓ Low Noise
- ✓ High output & granularity fine
- ✓ Simple Maintenance
- ✓ Fineness between 40 - 80 mesh



Hydraulic Oil Press

New Technology For Cold Pressed Oils

- ✓ Low Power Consumption
- ✓ High Yield
- ✓ Operations Eco Friendly
- ✓ Application For Edible and Non Edible Seeds



Sesame Seed



Peanut



Almonds



Walnut



Pine Seed



Sun Flower Seeds

Edible Oil Refinery



Capacity: 1 Ton to 50 MTS



Cocoa Bean Peeling Machine



- ✓ High Peeling Rate
- ✓ Breaking Evenly
- ✓ Operation Eco Friendly
- ✓ Reliable Performance
- ✓ Labor Saving

Chilly Flacks Machine



- ✓ Simple Structure
- ✓ Low Power Consumption
- ✓ Good Crushing Effect
- ✓ Uniform Particle Size
- ✓ Convenient Operation
- ✓ Low Vaibration, Noise & High Output

FOOD PROCESSING PLANTS ON TURNKEY BASIS



Fruit Juice, Squash, RTS,
Jam, Jelly.



Fruits & Veg Dehydration,
Powder, Sharbath



Tomato Puree, Pasta,
Sauce, Ketchup



Honey Purification and
Bottling Plant.



Ginger & Garlic Paste



Soya Milk / Paneer (Tofu)
Plant



Moringa,Neem,Wheatgrass,
Spirulina & Stevia Powder



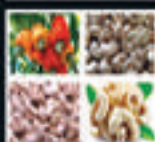
Spices and Masala
Powders



Groundnut Decorticator,
Skin Peeling, Butter



Lemon Slicing, Juice, Oil



Cashew Process Plant &
Equipments



Desiccated Co Conut,Milk,
Virgin Co Conut Oil



Milk Chilling, Dairy plant
Yogurt & Paneer Plant



Tamarind Blocks, Pulp,
Powder



Ginger Washer,Slicer,Powder,
Essential Oil,Oleoresin



Chilly Powder Plant



Turmeric Cooking,Dry,Polish
Powder & Curcumin extract



Garlic Bulb Breaker,
Skin peeling,Paste Making



Papaya Tooty Fruity, Jam,
Juice.



Millets Processing Plant



Aloe Vera Juice,Gel & Powder



Edible and Non edible
Oil Extraction



Fruits & Vegetables
Vacuum Frying



Amla Candy, Murabba
& Powder

**Many More Technologies Available
We Design Customised Projects**

MANUFACTURING FACILITIES



Our International Installations



- | | | | | | | |
|----------|----------|-----------|-------------|------------|------------|------------|
| Jamaica | Canada | Bhutan | Philippines | Iran | Srilanka | Cameroon |
| Colombia | Mali | U A E | New Guinea | Pakistan | Ivorycoast | Seychelles |
| Guyana | Ghana | Conakry | Australia | Nepal | DR Congo | Comoros |
| Belgium | Nigeria | Egypt | Thailand | Bangladesh | Senegal | Mozambique |
| Gambia | Sudan | Indonesia | Bangkok | Ethiopia | Kenya | Tanzania |
| Malawi | RD Congo | Uganda | Somalia | Morocco | Benin | Madagascar |

We are Members In

