LabhGroup
Empowering Business
Transforming World!



Global Leader in Providing Next Generation Turnkey Solution to Food Processing Industries!

www.labhgroup.com

Presenting

Fruit & Vegetable Dehydration Plant

LabhGroup

30+ Years of Rich Experience | **100+** Countries Global Presence | **10000+** Delighted Customers

Dehydrated Vegetables & Fruits Making Machines



Cleaning Machine



Washing Machine



Peeling Machine



Cleaning & Washing Machine



Cutting Machine



Blanching Machine



Drying Machine



Inspection Conveyor

Food Processing Machinery Division

Global Leader in Next Generation Food Processing Machinery

ISO 9001:2015 CERTIFIED | ISO 14001:2015 CERTIFIED | European Coformity CE Certified Products | Good Manufacturing Practice Certification GMP Quality | Executive Member FIEO Federation of Indian Export Organizations





Technical Specifications

Particular	Specifications
Name	Fruit & Vegetable Dehydration Plant
Function	To produce dehydrated fruit & vegetables while preserving their nutritional value
Input Capacity	Up to 1800 kg per hour
Initial Moisture	Approx. 65 – 70 %
Output Capacity	Up to 250 kg / hr (Depends on moisture content of products)
Heat Load	16,25,000 kcal /hour @ 70% dryer efficiency
Suggested Heat Equipment	25,00,000 kcal/ hr for onion,
Total Drying Bed Area	175.5 sq. meters
Material Bed Thickness	70-80 mm mat thickness
Drying Time	4-5 hours
1st Stage Drying Bed (Area x Layer)	1.5 m x 18 m – 5 layer - 135 sq. meters
1st Stage Working Temperature	70-80 °C

2nd Stage Drying Bed (Area x Layer)	1.5 m x 9 m – 3 layer--- 40.5 sq. meters
2nd Stage Working Temperature	45-55 °C
Dryer Efficiency	70%
Space Requirement	39 m X 3.8 m X 5 m
Power Consumption	167.55 kW (Approx.)
Main Motor	Siemens - Japan or equivalent
Main Gear Box	Bonfiglioli – Italy or equivalent
Digital Temperature Controller	Omron – Japan or equivalent
Switch Gears	Schneider – France or equivalent
PLC	Schneider – France or equivalent
HMI	Schneider – France or equivalent
MCB	Schneider – France or equivalent
PCB	Schneider – France or equivalent
Variable Frequency Drive	Schneider – France or equivalent

Contactors	Schneider – France or equivalent
Communication Module	Schneider – France or equivalent
Ethernet Port	Schneider – France or equivalent
SCADA	Schneider – France or equivalent
Encoder	Baumer – Switzerland or equivalent
Cables & Wiring	RR / Finolex
Warranty	1 +1 year extended warranty
Power Supply	440 Volts, 50 Hz, A.C., Three phase with neutral (can also be designed as per specific requirement)

Salient Features

- Equipped cleaning & washing machine to remove dirt, debris and any pesticide residue from fruits & vegetables
- With peeler & slicer machine to peel & slice fruits & vegetables which insures uniform drying
- With blanching machine for pre-treatment of fruits & vegetable to enhance final product quality
- With efficient dryer to produce dried vegetables & fruits while preserving their nutritional value
- All contact parts are made from S.S-304 or food grade material
- Efficient control panel to set important operative parameters easily
- Aesthetically and ergonomically build machine for best performance
- Produced in an advanced state of the art manufacturing facility
- World class bought out items for optimum operations
- Efficient control panel to set important operative parameters easily
- Designed to work 24 hours, round the clock
- Operator friendly machine, hence easy to operate and maintain
- Low maintenance and operating cost
- Sturdy design to ensure long life and trouble-free operation

Send your inquiry now

Our Range of Food Processing Machines

- Soya Nuggets / Chunks Making Machine
- Pasta Manufacturing Plant
- Noodles / Instant Noodles Production Plant
- Peanut Butter Making Machines
- Fruit Jam Making Machines
- Tomato Sauce / Ketchup Making Machines
- Soya Milk & Tofu Making Machines
- Artificial Rice / Fortified Rice Making Machines
- Rice Flakes Making Machines
- Puffed Rice Making Machines
- Chapati / Indian Bread Making Machines
- Canned Food Processing Machines
- Ripening Chambers
- Fruit & Vegetable Dehydration Plant
- Pasteurized Dairy Milk Plant
- Ice Cream Making Machines
- Ice Cream Candy Making Machines

About Labh Group

Labh Group is a global engineering and technology-driven industrial conglomerate with headquarter in India. We provide complete end-to-end next-generation smart, innovative turn-key solutions to diverse industries across the globe. With **30+ years** of rich experience and presence in **100+ countries**, we have helped **10000+ customers** to excel and outperform in their industry.

Leveraging over an experience of around three decades, we continuously reinvent to help our customers achieve better results and create a more sustainable world for our current and future generations.

Living by our core values of excellence, respect, care and joy, we at Labh Group are committed to provide best advice, best quality products, at the best price with the best service, always!

We help our customers write their future!
We are LabhGroup!



(Click to watch our corporate video)

8 Outstanding benefits our customers enjoy



1. Expert guidance

Get the best advice from our experts to help you make the right decision



2. Complete turn-key Solutions

Our state of the art end to end one stop 360 turn-key solutions for smooth execution



3. Most competitive price

Very reasonable price for a long term win-win partnership



4. Best quality machines

Optimally designed high quality machines for best performance and long working life



5. Installation & Commissioning

Smooth and perfect installation by our expert technician at your site



6. Automation and upgradation

Increase productivity & profitability with our advanced technology



7. Knowledge Sharing

Stay ahead of your competitors with our latest industry development and trend mailers



8. Lifetime Support

Prompt and efficient after-sales support by our dedicated technical team through email, call or site visit

Our Global Presence



30+
Years of rich experience

100+
Countries - Global presence

10000+
Delighted customers

Get In Touch

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