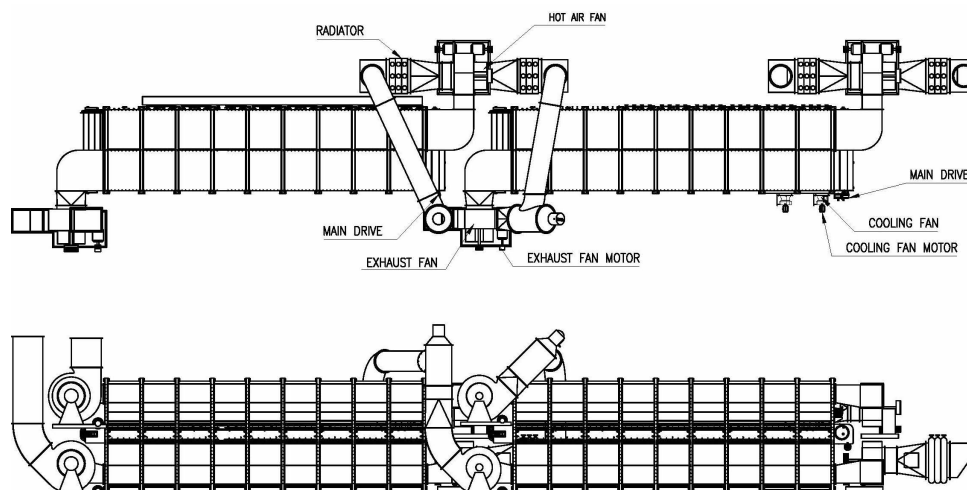


Offering dryer output capacities from 500 Kgs/hr to 2500 Kgs/hr of Desiccated Coconut Powder

Salient Features

- Housing and support structure constructed using stainless steel 304 tubing
- Insulated dryer side panels with hinged doors.
- Self-draining dryer floor sloped adequately to aid in cleaning with drain collections.
- Spiral Spreader at inlet of the dryer to level and spread uniformly
- Dryer bed with SS 304, micro-mesh hinged slat type apron trays conveyed by hardened steel roller chain
- Multiple temperature zones, each stage having heat exchangers and temperature controller
- Automatic dryer conveyor chain lubricating system inclusive of pump
- Dryer exhaust in Stainless Steel 304 to exhaust fans.
- Control panel with provision for hard-wired interlocks for upstream and downstream equipment
- Extremely uniform airflow with temperature profiling
- Adjustable air flow volume and humidity control
- Up and Down airflow

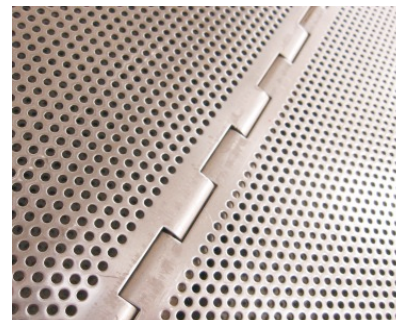
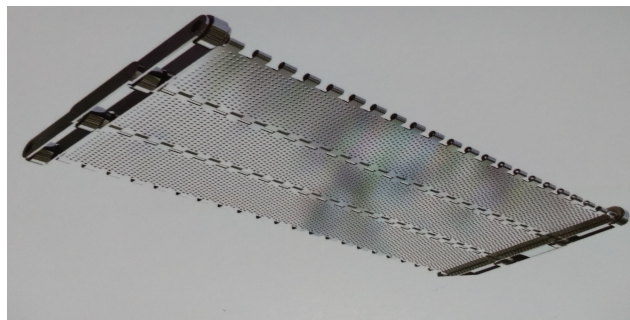


General arrangement diagram for 2/3 stage Apron Dryer



Apron belts

- Stainless Steel Belts
- High precision with high quality perforations
- Can withstand high temperatures and various chemical processes
- Ensure gentle and uniform drying

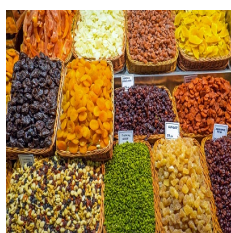


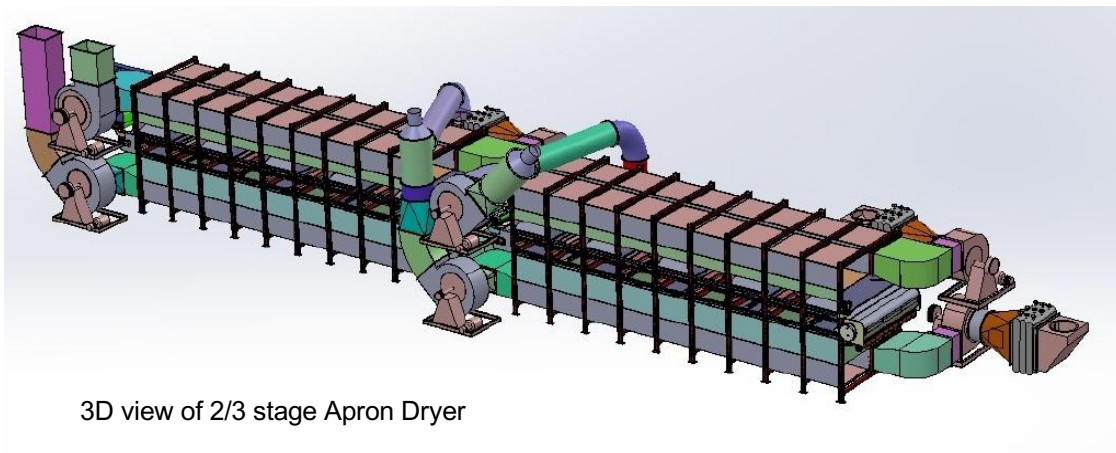
Advantages of TIGL's drying technology

- Superior output quality
 - We ensure superior output quality by designing our process to dry the product uniformly with controlled temperature.
- Reduced manpower
 - By automating the entire controlling system, we just need one operator to overlook the daily production.
- Easy maintenance
 - SS construction along with automatic dryer conveyor chain lubricating system and a self-draining dryer floor enable the machine to have fewer breakdowns and also eases maintenance jobs.
- Supplements product flavor
 - Use of 3 temperature zones ensures no loss of product flavor since the temperatures are adjusted with the moisture levels of the product.
- Recycling of exhaust air
 - This enables us to reduce the energy consumption or steam requirement.

Other applications on our machines

- | | |
|------------------|-----------------|
| • Bread products | • Vegetables |
| • Cereals | • Spices/ Herbs |
| • Fruits | • Biomass |
| • Chemicals | • Pasta |





Control Panel

Free standing, floor mounting, modular construction control panel with acoustic enclosures, voltmeter and ammeter, contactors, controls and switches.



Standard Dryer Sizes

Feed Capacity* (kg/ hr.)	Length of dryer (meter)	Steam Required (kg/hr.)
1500	20	2100
2000	24	2700
4000	40	4200

* Wet product

Due to continuous R&D, specifications may change without notice

Depending on your requirement, we can customize the dryer for you.

Customer service & After sales support

Our customer service team is well equipped to handle any issues you face, if any. We have a well stocked inventory of authentic TIGL spares. Our team can also be of help to any existing or future users to help with any questions they may have. We offer AMC's for all our machines which enables our customers not to worry about any technical difficulty they may face.



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