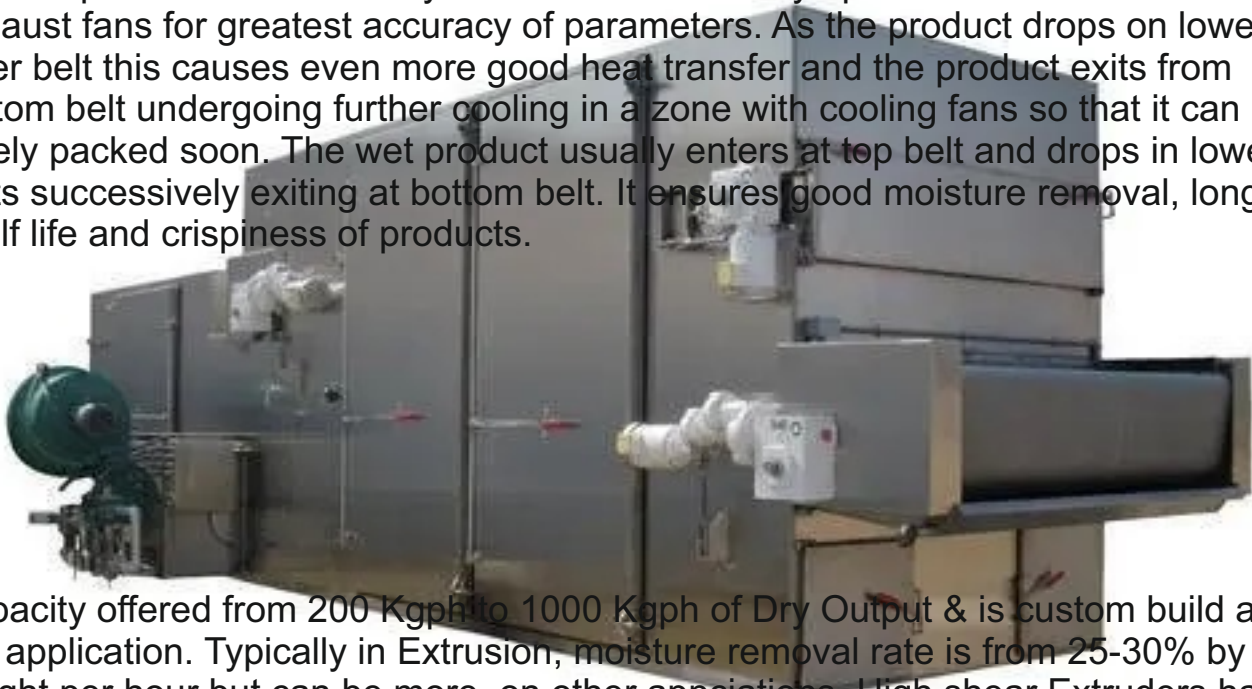




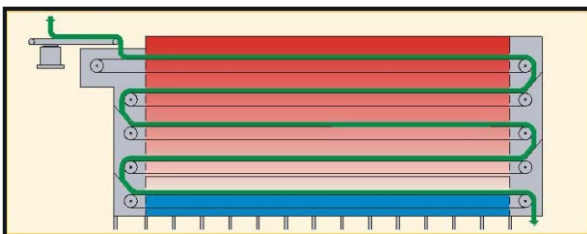
Continuous Belt Drier- *for Food industry*

We make Mesh Belt Continuous Driers for use in Food industry for dehydration of various food products like Snack Pellets, Pastas, Papads, Dried Vegetables or Dry fruits, Paanipuri pellets, Pet foods, Etc.

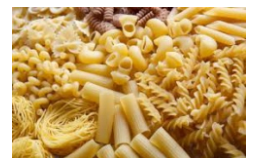
It is basically a Hot Air heated and insulated Chamber with inner SS walls for hygiene and has suitable heating provision which can be through Electricity/Steam or Gas. The heater air is forced through the Chamber through various openings and takes a circuitous path through the moving meshed Belts and the product is evenly laid by a mechanish uniformly across the Belts. As it moves through the heated air it loses moisture and dried to safe moisture proportions less than 8% MCWB and this prevents long storage and prevents mold growth in products. Precision controls with temperature and humidity sensors automatically operate the heaters and exhaust fans for greatest accuracy of parameters. As the product drops on lower layer belt this causes even more good heat transfer and the product exits from bottom belt undergoing further cooling in a zone with cooling fans so that it can be safely packed soon. The wet product usually enters at top belt and drops in lower belts successively exiting at bottom belt. It ensures good moisture removal, long shelf life and crispiness of products.



Capacity offered from 200 Kgph to 1000 Kgph of Dry Output & is custom build as per application. Typically in Extrusion, moisture removal rate is from 25-30% by weight per hour but can be more on other appciations. High shear Extruders have little moisture in product while reverse is true in Low or Medium Shear Extruders.



Schemetic of 3 Layer Belt Drier with Vibrator Feed Tray at top left. Capacities available from 200 KPH to 1 TPH.



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Pub MEBD/2032/2022

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