

VADEB BELT-O-MATIC

VADEB®'s Belt-O-Matic belt dryers are built to your specification. From initial design concepts to final fabrication we take your needs into account including space, handling, economic and product requirements.



VERSATILE

The **VADEB**®'s Belt-O-Matic belt dryer is a horizontal, continuous flow, conveyor type system. The **VADEB**®'s Belt-O-Matic belt dryer is available in all heat, heat and cool and all cool models. Sizes range from R&D scale to high end production models. Air flow patterns include air up, air down and recycling air up and air down. Air flow patterns can be positive or negative. Models may be combined for multiple stage systems. Construction ranges from carbon steel to complete food grade.

ADAPTABLE

The **VADEB**®'s Belt-O-Matic belt dryer can dry, cool, heat or roast a wide variety of products including:

- Fruits
- Extrusions & Pellets
- Wood Chips
- Seeds
- Vegetables
- Waste & By-products
- Specialty Grains Feed
- Fibers & Pulps
- Pet Food
- and much more...

Most products can be dried, roasted or cooled using a **VADEB**®'s Belt-O-Matic belt dryer. **VADEB**®'s Belt-O-Matic belt dryer is adaptable because of its design. The product is carried on a conveyor belt and never damaged. Air passes through the products as it is dried, heated and/or cooled.



VANDENBROEK International

www.vadep.com

when drying is part of your business



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CONTROLLABLE

The **VADEB**®'s Belt-O-Matic belt dryer can easily be controlled: product dwell time, air temperature, product depth and air volume. The controls will allow you to determine the correct quality of the dried and/or cooled product.

SIMPLISTIC

The **VADEB**®'s Belt-O-Matic belt dryer is easy to operate and install. A straight-forward air flow pattern makes it easy to understand. Its sturdy construction and design of mass-produced components make it easy to find replacement parts and repair, no matter where you are located in the world. Each **VADEB**®'s Belt-O-Matic belt dryer is tested, checked for quality and then shipped directly to you. This reduces installation and start-up time.

AIRFLOW

The **VADEB**®'s Belt-O-Matic's belt dryer biggest advantage is the wise use of airflow. Air is vital to proper drying and cooling. It is the vehicle that carries moisture and or heat away from the product. The exclusive bottom air chamber design produces an even airflow pattern like no other can. This results in even drying, heating and or cooling of the product. Due to the bottom air plenum design, useable air can easily be identified and recycled for better efficiency. Also, the use of vane axial fans will produce more air at less power than other widely used fans for drying systems. This results in better product quality at less cost. Recycling of cooling air, in heat and cool models, also produces a wise cost advantage.

COST EFFICIENT:

The **VADEB**®'s Belt-O-Matic belt dryer is not only designed to operate efficiently, but also cost efficient without sacrificing quality. Designed for low maintenance, easy to installation, durable construction, and long life, VADEB Belt-O-Matic will prove to increase your bottom line at less capital expenditure.

Special VADEB® application:

- Municipal Solid Waste
- Sewage sludge
- Agriculture products
- Biomass products



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