

Vecobelt  
Large Volume Conveyors

*Vecoplan*<sup>®</sup>



# Vecobelt Large Volume Conveyors

Vecoplan solutions for material transport over long distances

# Vecobelt™

## Large Volumes - Long Distances

Vecoplan's Vecobelt™ is the ideal solution for conveying and loading bulk materials into rail cars, trucks, silos, bunkers and process equipment or simply to transfer large volumes of material over long distances. Vecobelt™ moves more material, over longer distances, with fewer structural supports than traditional conveyors, while consuming less power and virtually eliminating dust or noise.

## Strength By Design

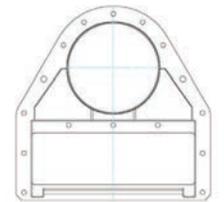
### Unique Suspension System

The distance between structural supports is achieved by the open mesh architecture of Vecoplan's support towers combined with cable suspension. This delivers strength in much the same way as suspension bridges do. These cable towers also allow the Vecobelt™ to be placed up to 30 meters (98 feet) above the ground in order to avoid obstacles.

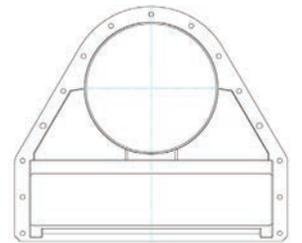
## Large Volume Conveying

### Moving Large Quantities Of Material

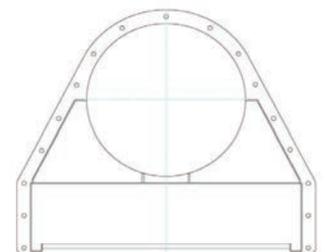
Vecobelt™ is capable of conveying up to 500 cubic meters (17,657 cubic feet) of bulk material per hour. At a specific density of 0.3, or a bulk density of 300 kilograms per cubic meter (18.7 pounds per cubic foot) this represents 150 metric tons per hour. Distances of up to 200 meters (656 feet) can be achieved employing only one loading and unloading point and only requiring structural supports at intervals of 75 meters (246 feet).



**VRF-500**  
Belt Width:  
20" (500mm)

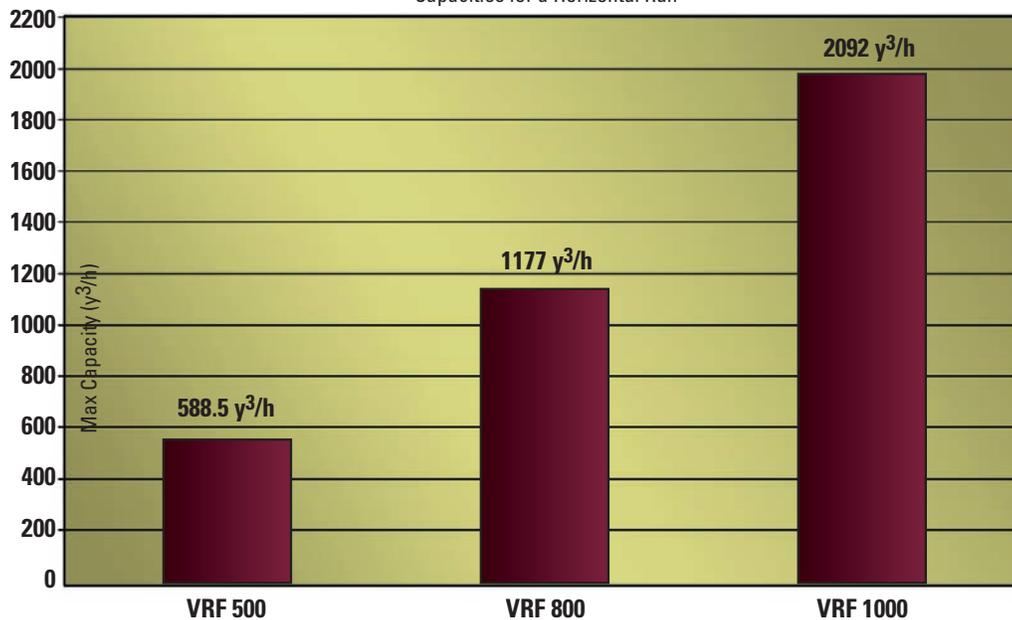


**VRF-800**  
Belt Width:  
32" (800mm)



**VRF-1000**  
Belt Width:  
39" (1000mm)

Capacities for a Horizontal Run

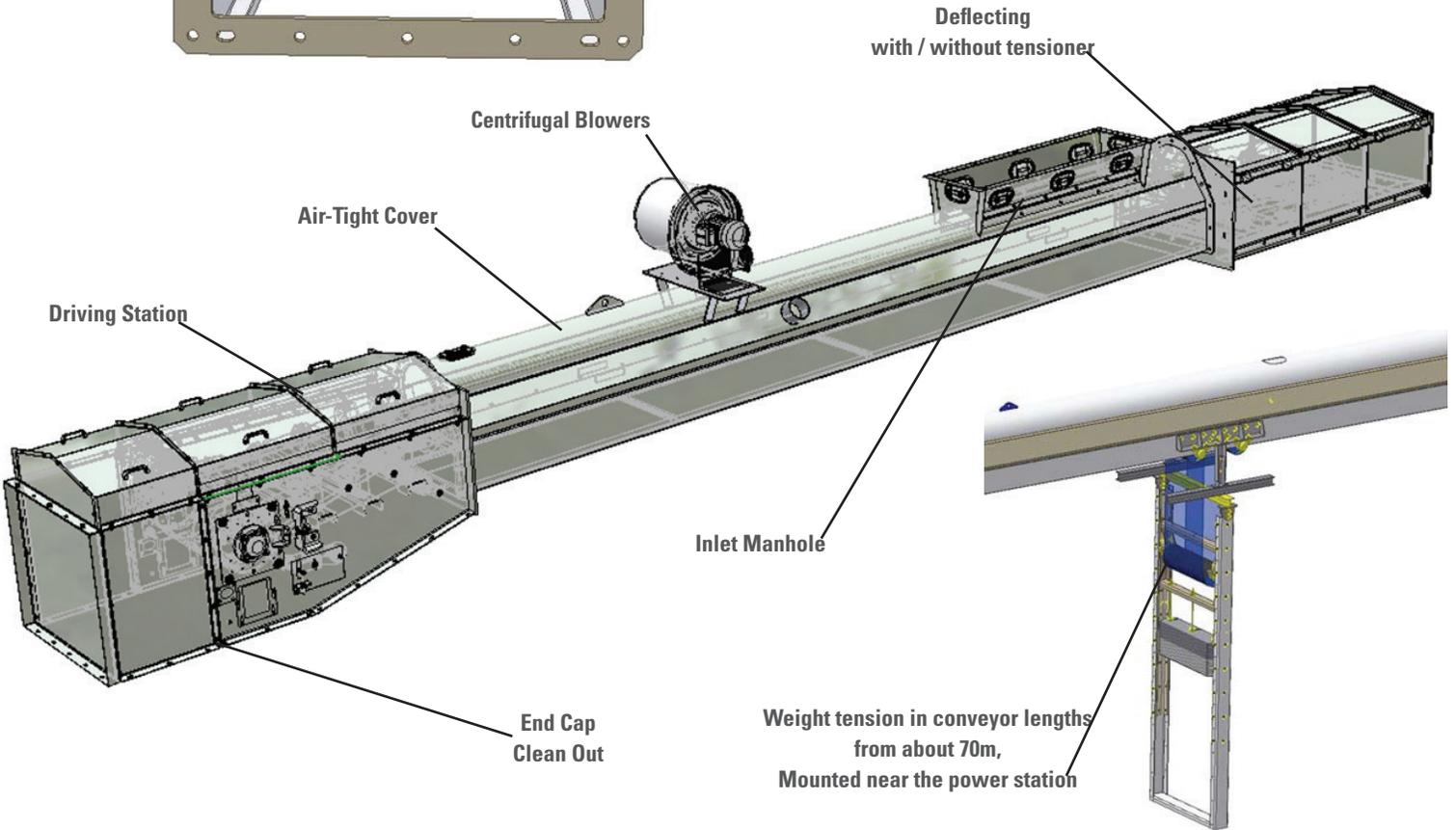
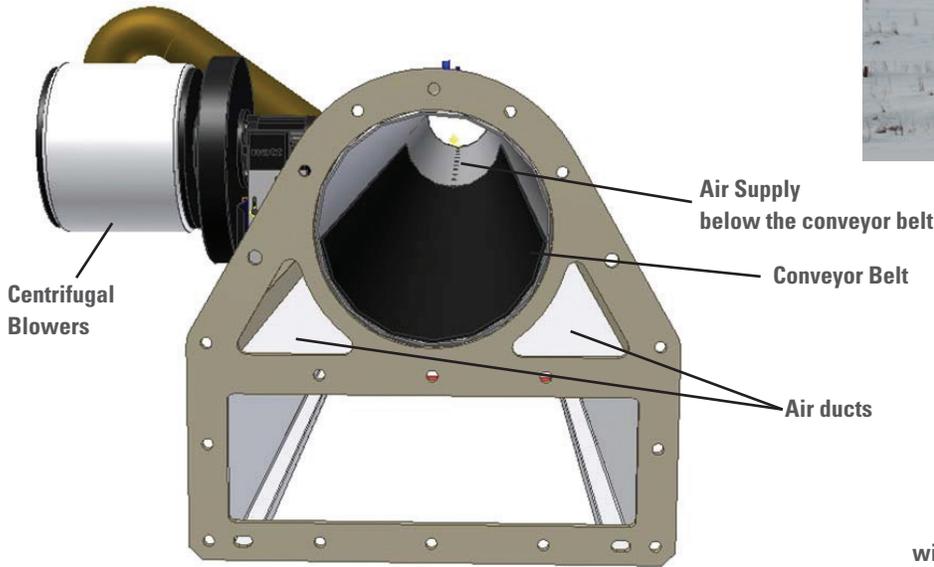


# Reduced Wear

## Friction Reducing Airflow Design

Vecobelt™ consists of a conveyor belt running on air cushions in a closed tube system. The air cushions minimize friction, which in turn reduces power consumption by up to 50%. Less friction also results in less wear, longer life and less maintenance. The decreased friction combined with the tube enclosure delivers virtually silent operation. Dust and spill problems are also eliminated by the almost totally enclosed system.

Vecobelt™ systems have been installed and successfully operating in a wide variety of industrial applications including biomass and cement plants, throughout Europe over the last five years.



# Vecoplan - Your Total System Solution

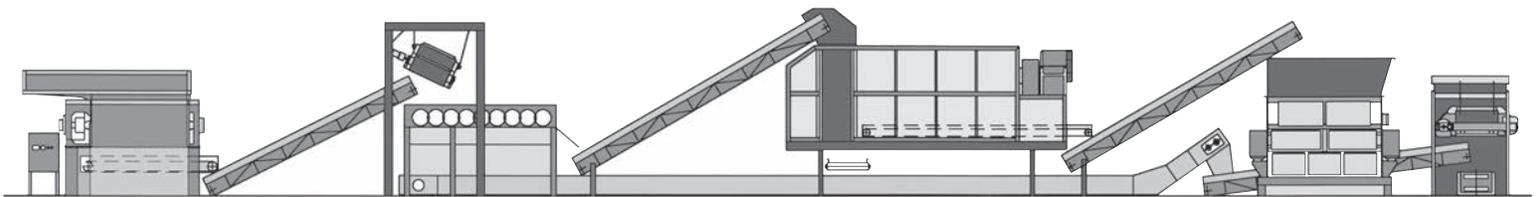
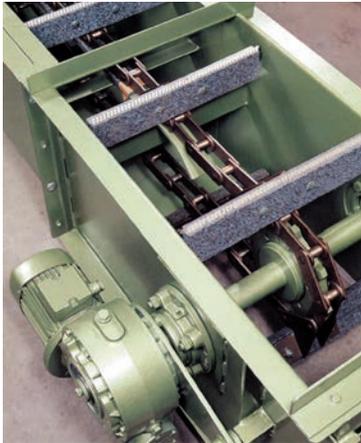
Vecoplan is known for providing complete turn-key solutions.

We provide complete material handling systems and design engineering including conveyors, pneumatics, metal detection and separation. American electrical control panels and components are available and may be fabricated to your specifications.

Vecoplan understands that installing new equipment can disrupt production operations. New equipment can create new demands on your present electrical system. That's why we include a review and analysis of your present electrical components.



Vecoplan will help you plan for the additional equipment and prepare your present system to minimize any disruption to your operation.



## Our Complete Range of Products



- Single and Multiple Rotor Shredders
- Conveying Technologies • Air Classification Systems
- Refiners • Rotary Trommels • Vibratory Feeders
- Oscillating, Roller and Star Screeners
- Ferrous and Non-Ferrous Detection and Separation
- Bulk Material Handling, Metering and Loading
- Turn-key Recycling and Waste Processing Systems



# Vecoplan®

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