VDG Drum Motor for Baggage Handling Conveyors

The VDG Drum Motor is a one-component conveyor drive with all drive components, including the electric motor, gear reducer, and bearings, enclosed within the drive drum. Designed for 80,000 hours of continuous operation before maintenance, it eliminates the need for external drive components and the routine maintenance requirement of traditional conveyor drives.



The VDG Drum Motor operates at a low noise level of 46 db, suitable for public areas and environments where low noise is essential. The gears are manufactured to meet DIN6 (AGMA12) industry standards, exceeding OSHA requirements for noise levels. With no external drive components protruding outside the conveyor frame, the VDG Drum Motor eliminates safety hazards and allows for higher conveyor density within the same footprint.



The VDG Drum Motor is a safe, space-optimized, and maintenance-free solution for powering baggage handling belt conveyors. Available in a range of diameters, belt speeds, horsepower ratings, and lengths to suit various applications.



APPLICATIONS INCLUDE:

- POWER TURN CONVEYORS
- BAGGAGE PIER INBOUND/OUTBOUND
- TRANSFER & TRANSPORT CONVEYORS
- BAGGAGE CHECK-IN SCALE AND LABEL DISPATCH CONVEYORS
- QUEUE, MERGE, ACCUMULATION, SORTATION & INDUCTION CONVEYORS

VDG CrossDrive Design

The tapered VDG CrossDrive is designed specifically for power turn conveyors. The CrossDrive is a gear motor design that has all vital components including the gear reducer, and bearings enclosed within the tapered drive drum, and the compact electric motor is C-flange mounted externally inline with the gear reducer.





1-888-326-1476 | info@vandergraaf.com | www.vandergraaf.com

Made In USA

VDG Van der Graaf

Manufacturer of Innovative Conveyor Belt Drives

Founded in 1948 and established in North America in 1985, VDG (Van der Graaf) is the world's leader in the design and manufacturing of drum motors for material handling and processing belt conveyor applications such as baggage handling, warehousing, food processing, postal and parcel, mining and aggregate, among others.

VDG adheres to a simple principle:
design a superior product to meet customer needs in a changing marketplace.

With in-house R&D, engineering, and manufacturing facilities in the USA, Canada, and the Netherlands using cutting-edge production technology and automation, VDG ensures product quality, short lead times, and after-sales service.



Ontario, Canada



Michigan, USA



Michigan, USA



Vollenhove, Netherlands

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