

# **MASTERDRIVE**

**POWER TRANSMISSION PRODUCTS**



## **Aggregate Industry Complete Product Offering**



# Crushing - Screening - Conveying

The **aggregate industry** is primarily in asphalt and concrete with about 40% used in roads and highways. The remainder is split between residential and commercial construction.

**Aggregates** also go into a wide variety of other common products such as glass, pharmaceuticals, cosmetics, paper, paint and cleaners.

The primary purpose of **aggregate processing** is to transform large rocks into smaller ones. **Belt drives** play a significant role in the various crushing, screening and conveying stages.

## Stock V-Belt Drives



### QD Sheaves & Bushings\*

Belts = A/B, C, 3V, 5V, 8V

Grooves = 1-12

Max. O.D. = 71"



### DST Sheaves & Bushings\*

Belts = A/B

Grooves = 1-4

Max. O.D. = 38"



### TB Sheaves & Bushings\*

Belts = A/B, 3V, 5V

Grooves = 1-6

Max. O.D. = 50"



\*All QD, DST and TB bushings stocked in inch and metric bores.

## V-Belts



MasterDrive offers a full complimentary line of belts for use with our sheaves. In addition to **single belt** designs, we offer **Banded Belt** designs for the tough duty applications encountered in the Aggregate Industry. Banded belts are useful in heavy shock load applications and where pulsating loads are present. They prevent belt whip, belt turnover, vibration and jumping off that can occur with single belts in multiple drive applications. Lateral rigidity keeps the belt running in a straight line during strong pulsating or shock loads for reduced wear. They also eliminate belts of mismatched length and uneven loading.

MasterDrive **Aramid Fiber** cord belts offered in **5VK** and **8VK** types employ a high density, flexible, compression rubber layer below the cord line to increase durability and reduce belt stretch under heavy loads eliminating the need for constant belt tension adjustments.

Our **MasterSelect Belt Drive Selection** software program allows for the optimization of sheaves, bushings, and belts. By entering a few details like HP, RPM, desired ratio, and center distances a broad selection of acceptable combinations will be displayed and listed by relative cost. Advanced Inputs allow the user to specify belt types, bushing types, max sheaves diameters and widths, number of grooves, etc. to achieve a customized solution.



Tap into our **online portal** to check product **pricing** and **availability**, create a project or order shopping list, look at part histories, account summaries, open orders, paid invoices to name just a few of the features.

This self-help portal allows for stock checks 24 hours a day, as well as literature and order placements. We still love talking to you, but you will find this information very convenient and accessible.



## Custom solutions for:

- **Flywheels up to 108"**
- **Special Bores**
- **Oversize Hubs**
- **Offset Hubs**
- **Ductile Iron/Crusher Duty Sheaves up to 108"**



## Stocking Warehouses

- Fort Atkinson, WI (Headquarters)
- Senatobia, MS
- Fort Mill, SC
- Wickliffe, OH
- So. El Monte, CA
- Portland, OR
- Dallas, TX
- Lakeland, FL
- St. Louis, MO
- Denver, CO
- Charlton, MA
- Toronto, ON
- Calgary, AB

Distributed by:



Toll Free Phone (888) 922-8767  
Phone (920) 563-5838 Fax (920) 563-5650

e-mail: [orders@masterdrives.com](mailto:orders@masterdrives.com) web site: [masterdrives.com](http://masterdrives.com)