




## Drive packages up to 100 Hp or 75 kW


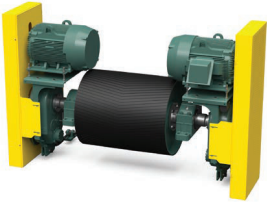

Motorized Torque-Arm II



Single drive assembly	Dual drive assembly	Screw conveyor drive assembly
		
<h3>Reliability, productivity, and safety</h3>		
<ul style="list-style-type: none"> <li>• Dodge heavy duty right angle gear solution based off the Torque-Arm product heritage.</li> <li>• Straddle mount input pinion that offers maximum torque transmission through the gear reducer.</li> <li>• 100% factory noise and leak tested.</li> <li>• Drilled and tapped hubs for field installable bushing covers.</li> <li>• Hydra-Lock breather extends oil life (available for all Dodge heavy duty gearboxes)</li> </ul>		<ul style="list-style-type: none"> <li>• Baldor-Reliance Crusher Duty motors have high starting and peak torque, 1.25 service factor, IP55 rated enclosure, and are available from stock.</li> <li>• Motorized Torque-Arm II eliminates the need for belts and guarding.</li> <li>• Heavy Duty (CEMA) and MDX (Mine Duty Extra) pulleys, XT bushings and hubs, shafting, and complete assemblies available from stock to minimize onsite assembly requirements.</li> <li>• Assembly from stock available.</li> </ul>


## Drive packages up to 400 Hp or 300 kW

Torque-Arm II

Single drive assembly	Dual drive assembly	Screw conveyor drive assembly
		
<h3>Reliability, productivity, and safety</h3>		
<ul style="list-style-type: none"> <li>• Torque-Arm is the industry leader in heavy duty gearbox drive applications.</li> <li>• Industry leading seal design with metal excluder shield and rubber contact lip for maximum protection against contaminants.</li> <li>• Drilled and tapped hubs for field installable bushing covers.</li> <li>• Torque-Arm II offers belt guards to prevent injury during operation.</li> <li>• Hydra-Lock breather extends oil life (available for all Dodge heavy duty gearboxes)</li> </ul>		<ul style="list-style-type: none"> <li>• Baldor-Reliance Crusher Duty motors have high starting and peak torque, 1.25 service factor, IP55 rated enclosure, and are available from stock.</li> <li>• Complete drive assemblies available from stock.</li> <li>• Heavy Duty (CEMA) and MDX (Mine Duty Extra) pulleys, XT bushings and hubs, shafting, and complete assemblies available from stock to minimize onsite assembly requirements</li> </ul>

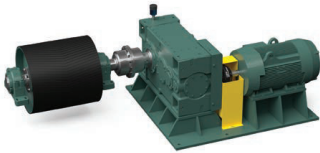

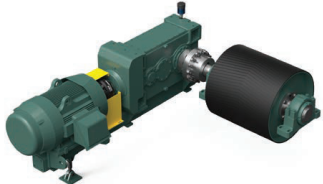
## Drive packages up to 1000 Hp or 700 kW

Maxum XTR®

Scoop mount assembly	Motor mount assembly	Reliability, productivity, and safety
		<ul style="list-style-type: none"> <li>• Rugged, thick-walled, ductile iron housing for the toughest applications</li> <li>• Thicker foot profile than the competition to eliminate foot cracking during operation</li> <li>• Higher input power, output torque, and service factor ratings than competitive designs</li> <li>• Coupling and belt guards available to prevent injury during operation</li> <li>• Hydra-Lock breather extends oil life (available for all Dodge heavy duty gearboxes)</li> <li>• Baldor-Reliance Crusher Duty motors have high starting and peak torque, 1.25 service factor, IP55 rated enclosure, and are available from stock.</li> <li>• Assembly from stock available.</li> </ul>

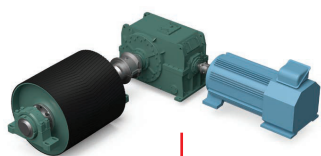
## Drive packages up to 2500 Hp or 2 MW

Magnagear XTR®

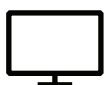
Offset parallel, base mount assembly	Right angle, hollow bore, tunnel housing assembly	Right angle, swing base with moment coupling assembly
		
<h3>Reliability, productivity, and safety</h3>		
<ul style="list-style-type: none"> <li>• Hollow bore with twin tapered bushings provide easy installation and removal while eliminating wobble and fretting corrosion associated with straight bore and shrink disc designs</li> <li>• Tunnel housing design is “self-aligning” between the motor, coupling, and reducer</li> <li>• Bushing covers, tunnel housing access guards, and coupling guards available to prevent injury during operation</li> </ul>		<ul style="list-style-type: none"> <li>• Hydra-Lock breather extends oil life (available for all Dodge® heavy duty gearboxes)</li> <li>• Proprietary DLAG lagging compound on pulley provides 73% higher abrasion resistance than standard SBR</li> <li>• Baldor-Reliance Crusher Duty motors have high starting and peak torque, 1.25 service factor, IP55 rated enclosure, and are available from stock.</li> </ul>

## Drive packages up to 3000 Hp or 2.2 MW

Controlled start transmission (CST)



Connect



With PCs remotely



With devices around the world

### Reliability, productivity, and safety

#### Integral wet clutch system

- Provides a consistent smooth start up and shutdown eliminating belt shock waves
- Protects drive train from shock load during overload conditions and conveyor jams
- Minimizes loads and stresses on all conveyor components with unmatched load sharing capabilities for multiple drive conveyors

#### SMART monitoring capability

- Synchronized PLC controls for precise starting and load sharing for up to 4 CST drives per drive station
- Continuous condition and performance monitoring viewable on site or via remote access to assure optimum system performance
- Remote access for troubleshooting and system adjustments from anywhere in the world
- Local and remote HMI display of operating status
- Local and remote data collection available for system trend analysis.