MAXITORQ®
Standard and Custom Designed Clutches - Brakes
Power Transmission Solutions
The Carlyle Johnson Machine Company, L.L.C. has complete design, manufacturing, assembly and test capabilities in our facility in Bolton, CT. This allows us to engineer unique solutions to your power transmission requirements. Our engineers are available directly to you. Simply contact us to get immediate results. If our wide range of standard and application-specific products do not meet your needs, we can design a unique product for you.

**Electric Actuation**

**Electric Multiple Disc Clutches/Brakes-Model EMA**
- Torque range: 15 lb.ft. - 5000 lb.ft.
- OD range: 2” - 12”
- Bore range: 1/2” - 3 1/2”

**Spring Set, Electric Multiple Disc Clutches/Brakes-Model FEA**
- Torque range: 12 lb.ft. - 600 lb.ft.
- OD range: 2” - 12”
- Bore range: 1/2” - 3 1/2”

**Electric Jaw Clutches/Brakes-Models JEM & JEB**
- Torque range: 50 lb.ft. - 5000 lb.ft.
- OD range: 3” - 10”
- Bore range: 1/2” - 3 1/2”

**Spring Set Electric Multiple Disc Brakes-Model FEB**
- Torque range: 5 lb.ft. - 5000 lb.ft.
- OD range: 2” - 22”
- Bore range: 1/2” - 3 1/2”

**Electric Multiple Disc High Torque Brakes-Model HTB**
- Torque range: 10 lb.ft. - 6000 lb.ft.
- OD range: 2” - 22”
- Bore range: 1/2” - 3 1/2”
Air/Hydraulic Actuation

Air/Hydraulic Spring Applied Multiple Disc Brakes-Model AFS
Torque range: 15 lb.ft. - 1000 lb.ft.
OD range: 3 1/2" - 12"
Bore range: 3/4" - 3"

Air/Hydraulic Multiple Disc Clutches/Brakes-Model AHA
Torque range: 30 lb.ft. - 1200 lb.ft.
OD range: 3 1/2" - 10"
Bore range: 3/4" - 3"

Multiple Disc Clutches/Brakes-Models MMS & MMD
Torque range: 10 lb.ft. - 2400 lb.ft.
OD range: 2 5/8" - 9"
Bore range: 1/2" - 3"

Air/Hydraulic Dual Piston Multiple Disc Brakes-Model DAP
Torque range: 5 lb.ft. - 3000 lb.ft.
OD range: 3 1/2" - 12"
Bore range: 3/4" - 3"

Multiple Disc Overload Release Clutches-Models MOR & ORI
Torque range: 10 lb.ft. - 2400 lb.ft.
OD range: 2 5/8" - 9"
Bore range: 1/2" - 3"

Torq-Lok® One-way Bi-directional Clutch-Model MTL
Torque range: 15 lb.ft. - 600 lb.ft.
OD range: 3" - 10"
Bore range: 1/2" - 2"

Other bore sizes and voltages are available. Torque can be adjusted to customers' specific needs.
The solution to your power transmission needs...

The Carlyle Johnson Machine Company, L.L.C. has been at the forefront of innovative power transmission technology for over one hundred years. During this time we have leveraged advances in materials and pushed the boundaries of design to create highly efficient and effective solutions to fulfill our customers’ unique requirements.

Focusing on new applications with ever-changing power transmission needs, we remain at the leading edge with new innovations requiring advanced R&D, testing and prototype development.

Our engineering staff is capable of solving your toughest power transmission challenges. We are always just a phone call away.

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