



**For Immediate Release**  
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## **MICO Introduces Hydraulic Apply Caliper Disc Brake**

NORTH MANKATO, Minn. — **MICO, Incorporated** introduces the new **520 Series hydraulic apply caliper disc brake** for on and off-highway service braking applications. The new fixed caliper type brake uses a modulated hydraulic pressure source, such as a master cylinder, to control brake torque. It can be mounted in a vertical or horizontal position and linings can be replaced without removing the brake.

The brake includes two ductile iron caliper halves that are pressurized by a single inlet port cross-over tube feature, which allows hydraulic pressure to actuate the 2.25-inch diameter piston in each half. The unit provides for continuous duty pressure of 1,000 PSI and intermittent duty pressure of 1,500 PSI. Weighing approximately 17 pounds, the brake requires a minimum disc diameter of 15 inches.

To reduce unnecessary lining wear, the caliper disc brake features a spring-operated lining retractor mechanism that maintains a constant lining-to-rotor disc clearance distance whenever the brake is not applied. The total lining contact area is 12.4 square inches, with a usable lining thickness of 0.32 inches on each side. Linings can be replaced without disassembling or removing the brake, allowing for reduced maintenance time and costs.

Installation of the caliper disc brake is made simple due to the brake's flexibility to be mounted in either a horizontal or vertical position. The unit can be attached directly to a threaded hanger or clamp.

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MICO, Incorporated designs, manufactures and markets brake systems, hydraulic components and controls, primarily for off-road markets. For more information, contact MICO, Incorporated, 1911 Lee Boulevard, North Mankato, MN 56003, call 507-625-6426, fax 507-625-3212, send an e-mail to [micomail@mico.com](mailto:micomail@mico.com) or visit the company's Web site at [www.mico.com](http://www.mico.com).

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