

MAXXUS™ 2.0

AIR DISC BRAKES

5TH GENERATION



MORE THAN 20 YEARS

IN SINGLE-PISTON ADB TECHNOLOGY

Brought to you by the market innovator and pioneer behind single-piston technology, MAXXUS 2.0 is the latest generation of single-piston ADB.



WABCO
Mobilizing Vehicle Intelligence

THE INNOVATIVE SINGLE-PISTON PIONEER

By The Numbers
MAXXUS™ 2.0

THE FUTURE OF BRAKING

With fewer components*, less weight** and high reliability, the MAXXUS™ 2.0 single-piston Air Disc Brake (ADB) is the latest breakthrough innovation and lays the foundation to support advanced functions necessary for autonomous driving. Commercial vehicle manufacturers and fleet operators increasingly recognize the superior value of MAXXUS ADBs, and understand that an investment in MAXXUS is an investment in driver and vehicle safety.

PROVEN SINGLE-PISTON DESIGN

MAXXUS is a trusted ADB of customers worldwide, developed from more than 20 years of innovation and experience in single-piston ADB technology.

Additional benefits of the MAXXUS 2.0 include:

- The lightest truck ADB on the market†
- Comparable output force to double-piston technology
- Redesigned active taper wear mitigation system ensures even pressure distribution on the brake pad surface resulting in even pad wear
- 10% shorter stopping distance capabilities than FMVSS requirement
- Advanced adjuster mechanism continuously adjusts to maintain an optimal running clearance, even in extreme conditions, minimizing the risk of hot runners
- 65% fewer parts than double-piston designs provides less maintenance and lower weight
- Dual-sealed piston and guiding system help keep brakes free of dirt and debris

* Compared to double-piston clamping unit design

** Compared to previous generation

† MAXXUS 2.0 is 69 lbs; MAXXUS L2.0 is 67 lbs

‡ L2.0 version compared to previous generation

5 generations of
**PROVEN
DESIGN**

65%
FEWER PARTS*

13 lbs
LIGHTER†

>7,000,000‡
>7 Million Units Sold

5,000+
DISTRIBUTION POINTS

OUTSTANDING QUALITY

The MAXXUS line of ADBs are created from a collective quality mindset and a steadfast commitment to producing reliable brake solutions optimized for advanced protection and increased uptime.

The MAXXUS 2.0 single-piston ADB is the smart choice as it offers 65% fewer parts* which reduces complexity and can lead to faster, easier maintenance. Also, continued use of redundant seals on both the guide pin and piston boot help ensure internal components are protected from dirt and debris damage.

YOUR PARTNER IN UPTIME

We are committed to supporting fleets and maximizing vehicle uptime with a comprehensive aftersales support network of more than 5,000 distribution points equipped to serve customers every mile of the way. Our growing distribution networks ensures customers get the parts they need, when they need them.

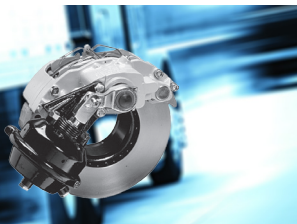
A LIGHTER ALTERNATIVE

The MAXXUS 2.0 is also available in a lighter variant, MAXXUS L2.0. Weighing just 67 lbs, the MAXXUS L2.0 offers a 16% weight savings compared to WABCO's current generation ADB (MAXXUS 1.0). As the lightest-weight tractor ADB on the market, the MAXXUS L2.0 offers the same updated features and high quality performance as the MAXXUS 2.0, while covering more than 90% of US standard truck applications.

1st Generation

V-G Series
External Lever

1993



3rd Generation

PAN Series
Single Piston

1999



5th Generation

MAXXUS™ 2.0 Series
Single Piston

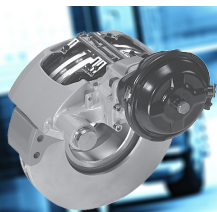
2019



1996

2nd Generation

PAN Series
Double Piston



2010

4th Generation

MAXXUS™ 1.0 Series
Single Piston





ENHANCED SAFETY

The commercial vehicle industry has been rapidly adopting ADBs over traditional drum brakes because they can enable shorter stopping distances, and can provide stable braking, excellent driver comfort and precision needed for advanced driving features. The MAXXUS product line is at the forefront of driving ADB adoption.

For further product details contact your distributor or the
WABCO Customer Care Center at 855-228-3203.

About ZF Friedrichshafen AG

ZF is a global technology company and supplies systems for passenger cars, commercial vehicles and industrial technology, enabling the next generation of mobility. ZF allows vehicles to see, think and act. In the four technology domains Vehicle Motion Control, Integrated Safety, Automated Driving, and Electric Mobility, ZF offers comprehensive solutions for established vehicle manufacturers and newly emerging transport and mobility service providers. ZF electrifies different kinds of vehicles. With its products, the company contributes to reducing emissions and protecting the climate.

ZF, which acquired WABCO Holdings Inc. on May 29, 2020, now has 162,000 employees worldwide with approximately 260 locations in 41 countries. In 2019, the two then-independent companies achieved sales of €36.5 billion (ZF) and \$3.4 billion (WABCO). For more information, visit www.wabco-na.com