



# AIR DISC BRAKES

Trailer ADB Systems

- Superior stopping power
- Versatile brake applications



WABCO PAN19



Hendrickson MAXX22T™



WABCO PAN17

### Superior Stopping Power

Hendrickson offers a full range of air disc brakes for wheel sizes varying from 17.5- up to 24.5-inches for trailer commercial vehicle systems. Designed for applications with extremely demanding brake usage, air disc brakes provide consistent performance during extended braking application cycles, such as long descending grades. Combined with the market leading lightweight advantages of INTRAAX®, INTRAAX-SP, VANTRAAX® and ULTRAA-K® integrated suspension systems and TRLAXLE® non-integrated axles, Hendrickson air disc packages deliver leading industry technology.

### Versatile Brake Applications

Hendrickson works with global brake manufacturers to offer complete air disc braking solutions matched with several wheel-end and spindle options to meet application requirements. Additionally, our air disc brake systems are designed to be compatible with other advanced technologies such as roll stability systems (RSS) and electronically controlled braking systems (ECBS).

To learn more about Air Disc Brakes,  
call 866.743.3247 or visit  
[www.hendrickson-intl.com](http://www.hendrickson-intl.com)

 **HENDRICKSON**  
*The World Rides On Us®*

# Air Disc Brakes

AIR DISC BRAKE PACKAGE	SPINDLE	ROTOR/WHEEL SIZE	HUB MATERIAL	CHAMBER
Hendrickson MAXX22T™	HN or HP	415mm / 22.5" and 24.5"	Ductile Iron / Dura-Light Hub®	WABCO 18/24
WABCO PAN22-1	HN or HP	430mm / 22.5" and 24.5"	Ductile Iron / Aluminum	WABCO 20/24
Knorr/Bendix ADB22X	HN or HP	430mm / 22.5" and 24.5"	Ductile Iron / Aluminum	Knorr 18/24
WABCO PAN19	HN or HP	375mm / 19.5"	Ductile Iron	WABCO 16/24
WABCO PAN17	HN	325mm / 17.5"	Ductile Iron	WABCO 18/24



Contact your Hendrickson representative for a complete listing of RTR® READY-TO-ROLL® options. TIREMAAX® tire inflation system is also available as an option with all air disc brake packages.

Actual product performance may vary depending upon vehicle configuration, operation, service and other factors.

## Specifications

### Hendrickson fully dressed air disc brake packages

All Hendrickson fully dressed air disc brake packages include installation of disc brake calipers, air chambers, lining pads, hub and rotor assemblies, bearings, seals, hub caps, dust shield / splash guard and lubricant.

#### Application information

- Wheel and valve stem packaging** — **CAUTION:** Great care must be taken in selecting combinations of wheel and valve stem products that are compatible with air disc brakes. Trailer OEMs will need to review wheel-end and valve stem packaging with the selected air disc brake manufacturer to confirm adequate running clearances. Hendrickson engineering can assist customers in discussions with the air disc brake manufacturer.
- ABS sensors** — Hendrickson fully dressed trailer suspensions require straight ABS sensors. Depending on rotor brand, ABS sensing may be via hub-mounted tone rings or rotor-mounted tone rings.
- Suspension availability** — Air disc packages are available on most Hendrickson INTRAAX®, INTRAAX-SP, VANTRAAX® and ULTRAA-K® integrated suspension systems and TRLAXLE® non-integrated axles.
- Trailer configuration** — **CAUTION:** Bendix does not approve the use of the Knorr/Bendix ABD22X in dolly applications. Please note that the WABCO PAN22-1 or Hendrickson MAXX22T must be specified for all converter dolly applications.
- Brake rating** — Please reference L809 Brake Certifications for specific GAWR and brake ratings per system.

### Hendrickson suspensions and axles available with air disc brakes (ADB)

SUSPENSION / AXLE MODELS	AVAILABILITY (WHEEL SIZE)		
	22.5 / 24.5 inches	19.5 inches	17.5 inches
<b>INTRAAX®</b> AANT, AANLS, AANL, AAL, AAEDL, AAEDT	✓	✓	
<b>INTRAAX-SP</b> AAZNT	✓		
<b>VANTRAAX®</b> HKANT, HKAT, HKARL	✓		
<b>ULTRAA-K®</b> UTKNT	✓		
<b>Integrated Beam to Axle</b> B2AHT			✓
<b>TRLAXLE®</b>	✓	✓	

1. Hendrickson MAXX22T not available on the following models: AAEDT 30K / AAEDL 30K.

2. WABCO PAN17 available on HT250U suspension with TRLAXLE, 6.5-inch ride height and limited tracks only.

SUSPENSION / AXLE MODELS	AVAILABILITY REQUIREMENTS	
	Unique HCV	Rear Mounted Shocks
<b>INTRAAX</b>		
AANT 23K	✓	
AANLS 20K / AANL 23K	✓	✓
AAT 23K, 25K, 30K	✓	
AAL 23K, 25K, 30K / AAEDT 30K / AAEDL 30K		✓
<b>INTRAAX-SP</b>		
AAZNT 23K, 46K	✓	
<b>VANTRAAX</b>		
HKANT 23K, 40K, 46K / HKAT 50K	✓	

3. ADB OK on the following models without SURELOK®: AAT 23K, 25K, 30K / HKAT 50K / HKAT 69K25 / HKARL.

Call Hendrickson at **330.489.0045** or **866.RIDEAIR (743.3247)** for additional information.



www.hendrickson-intl.com

**TRAILER COMMERCIAL VEHICLE SYSTEMS**  
2070 Industrial Place SE  
Canton, OH 44707-2641 USA  
866.RIDEAIR (743.3247)  
330.489.0045 • Fax 800.696.4416

**Hendrickson Canada**  
250 Chrysler Drive, Unit #3  
Brampton, ON Canada L6S 6B6  
800.668.5360  
905.789.1030 • Fax 905.789.1033

**Hendrickson Mexicana**  
Circuito El Marqués Sur #29  
Parque Industrial El Marqués  
Pob. El Colorado, Municipio El Marqués,  
Querétaro, México C.P. 76246  
+52 (442) 296.3600 • Fax +52 (442) 296.3601