



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

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® wheel-end options. TIREMAAX® tire inflation system is also available as an option with all Hendrickson trailer air disc brake packages.

Specifications

Hendrickson fully dressed air disc brake packages

Applicable Hendrickson integrated suspension systems and non-integrated axles ordered with fully dressed air disc brake packages include factory-installed disc brake calipers, air chambers, lining pads, dust shield / splash guard, along with hub and rotor assemblies, bearings, seals, hub caps 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 the respective air disc brakes. Trailer OEMs will need to review and valve stem packaging with the selected air disc brake manufacturer to confirm adequate running clearances. Upon request, Hendrickson engineering can assist customers in such 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 brake packages are available on most Hendrickson INTRAAX®, INTRAAX-SP, VANTRAAX® and ULTRAA-K® integrated suspension systems and TRILAXLE® 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 using applicable INTRAAX, INTRAAX-SP, VANTRAAX or ULTRAA-K integrated suspension systems or TRILAXLE non-integrated axles.
- Brake rating** — Please reference Hendrickson Literature No. L809 Brake Certifications for specific GAWR and brake ratings per system.

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

All applications must comply with applicable Hendrickson specifications and must be approved by the respective vehicle manufacturer with the vehicle in its original, as-built configuration. Contact Hendrickson for additional details regarding specifications, applications, capacities, and operation, service and maintenance instructions.

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 |
| INTRAAX® AANT, AANLS, AANL, AAL, AAEDL, AAEDT | ✓ | ✓ | |
| INTRAAX®-SP AAZNT | ✓ | | |
| VANTRAAX® HKANT, HKAT, HKARL | ✓ | | |
| ULTRAA-K® UTKNT | ✓ | | |
| Integrated Beam to Axle B2AHT | | | ✓ |
| TRILAXLE® | ✓ | ✓ | |

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

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

| SUSPENSION / AXLE MODELS | AVAILABILITY REQUIREMENTS | |
|---|---------------------------|---------------------|
| | Unique HCV | Rear Mounted Shocks |
| INTRAAX | | |
| AANT 23K | ✓ | |
| AANLS 20K / AANL 23K | ✓ | ✓ |
| AAT 23K, 25K, 30K | ✓ | |
| AAL 23K, 25K, 30K / AAEDT 30K / AAEDL 30K | | ✓ |
| INTRAAX-SP | | |
| AAZNT 23K, 46K | ✓ | |
| VANTRAAX | | |
| 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

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L889 Rev L 06-20

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Printed in United States of America