

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 ULTRAAX-K® integrated suspension systems and TRLAXLE® non-integrated axles, Hendrickson air disc packages deliver industry-leading 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, HP or HX* | 415mm / 22.5" and 24.5" | Ductile Iron / Dura-Light Hub® / Steel* | Std. 20/24 |
| 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 |

* Only available on Hendrickson's HXL7® with outboard mounted rotor



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

- 1. 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 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.
- 2. 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.
- 3. Suspension availability** — Air disc brake packages are available on most Hendrickson INTRAAX®, INTRAAX SP, VANTRAAX® and ULTRAA-K® integrated suspension systems and TRLAXLE® non-integrated axles.
- 4. 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 TRLAXLE non-integrated axles.
- 5. Brake rating** — Please reference Hendrickson Literature No. 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 |
| INTRAAX® AANT, AANLS, AANL, AAL, AAEDL, AAEDT | ✓ | ✓ | |
| INTRAAX® SP AAZNT | ✓ | | |
| VANTRAAX® HKANT, HKAT, HKARL | ✓ | | |
| ULTRAA-K® UTKNT | ✓ | | |
| Integrated Beam to Axle B2AHT | | | ✓ |
| TRLAXLE® | ✓ | ✓ | |

- Hendrickson MAXX22T not available on the following models: AAEDT 30K / AAEDL 30K.
- 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 |
| 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 | ✓ | |

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

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, operation, service and maintenance instructions.

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)
Fax 800.696.4416

HENDRICKSON CANADA ULC
2825 Argentina Road, Unit #1 - 4
Mississauga, ON Canada L5N 8G6
800.668.5360
905.789.1030 • Fax 905.812.9423

HENDRICKSON MEXICANA
Circuito El Marqués Sur #29
Parque Industrial El Marqués
Pob. El Colorado, Municipio El Marqués,
Querétaro, México CP 76246
+52 442.296.3600 • Fax +52 442.296.3601

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