



# **AIR DISC BRAKES**

HEAVY DUTY AXLE AIR DISC BRAKE SOLUTIONS



**Better overall performance**

**Shorter stopping distances**

**No brake fade**

**Less downtime; reduced service cost**

**Weight savings of air disc brakes**

**Multiple caliper and hub/rotor options**

**Compatible with Dexter axles and suspensions**



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# HEAVY DUTY AIR DISC BRAKES

HEAVYWEIGHT STOPPING POWER, LIGHTWEIGHT DESIGN. AIR DISC BRAKES ARE THE SAFE VEHICLE APPROACH.

Dexter has been selling heavy duty air disc brakes since 2003. Dexter offers a complete line of heavy duty air disc brake brands, sizes and wheel end options.

## AIR DISC BRAKE FEATURES

- Higher efficiency
  - No brake fade; constant performance
  - Better air flow cooling
  - Less air required to apply brakes
- Increased safety
  - Better in wet conditions
  - Higher driver comfort
- Easier maintenance
  - Simple pad change out reduces service time
  - Easier inspection of pads, calipers, hub/rotors
  - Less parts
- Lighter weight
  - 17.5" disc vs. 12.25" x 7.5" drum  $\approx$  90 lbs.
  - 22.5" disc vs. 16.5" x 7" drum  $\approx$  40 lbs.
- Compatible on most Dexter ISS Series and SMART-AXL Series air ride suspensions
- Available on Dexter's SMART-STEER self-steering axles
- Over 15 years of field experience with heavy duty air disc brakes
- ISO 9001:2015 Certified Production Environment

## AIR DISC BRAKE SPECIFICATIONS

| CALIPER OPTIONS |                  |                               |
|-----------------|------------------|-------------------------------|
| WHEEL SIZE      | BRAND            | FMVSS121 & CMVSS121 CERTIFIED |
| 17.5"           | Wabco PAN17      | 20,000 Lbs.                   |
| 19.5"           | Wabco PAN19-1    | 20,000 Lbs.                   |
| 22.5"           | Wabco PAN22-1    | 23,000 Lbs.                   |
|                 | Haldex ModuIT    | 23,000 Lbs.                   |
|                 | Bendix ADB22X    | 23,000 Lbs.                   |
|                 | Bendix ADB22X-LT | 23,000 Lbs.                   |

| HUB/ROTOR OPTIONS |               |            |               |          |
|-------------------|---------------|------------|---------------|----------|
| SPINDLE           | BRAND         | WHEEL SIZE | MATERIAL      |          |
| F22<br>(TAPERED)  | DEXTER        | 17.5       | STEEL         |          |
|                   |               | 19.5       | STEEL         |          |
|                   | CONMET        | 22.5       |               | STEEL    |
|                   |               |            |               | ALUMINUM |
|                   |               |            | CONMET PRESET | ALUMINUM |
|                   |               |            | BENDIX        | STEEL    |
| WALTHER           | STEEL         |            |               |          |
| F24<br>(PARALLEL) | DEXTER        | 22.5       | STEEL         |          |
|                   |               |            | ALUMINUM      |          |
|                   | CONMET        |            | ALUMINUM      |          |
|                   | CONMET PRESET |            | ALUMINUM      |          |
|                   | BENDIX        |            | STEEL         |          |
|                   | WALTHER       |            | STEEL         |          |



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