

**System Saver
Air Compressors**



MERITOR WABCO

Safety Strong. Efficiency Smart.

System Saver Air Compressors

System Saver Air Compressors deliver superior performance to your vehicles' air systems and your bottom line.

Meritor WABCO offers a complete line of air compressors to meet the needs of today's vehicle requirements. Our compressors offer higher air delivery efficiency. That's more air delivery per horsepower absorbed, lower compressor duty cycles and lower fuel consumption. Couple that with the many other advantages our compressors have to offer and you'll see a positive impact to your bottom line.

- Cleaner operation, higher efficiency, greater air output and added durability
- Significantly lower carbonization and contamination in the air system
- Meets the growing demands of air-operated accessories
- Improved compatibility with multi-viscosity oils
- Smaller (up to 30%), lighter and more efficient for easier installation and maintenance, and enhanced overall fuel savings
- Greater air output
 - System Saver 250—15.2 cfm
 - System Saver 318—18.7 cfm
 - System Saver 440- 25.9 cfm
 - System Saver 476- 28 cfm
 - System Saver 636—37.4 cfm
- Backed by the industry's most responsive sales and service network

Design Advantages

- Superior piston and bore finishing technology reduces oil consumption up to 90%, significantly reduces system contamination and extends air system component life
- Exclusive sliding-leaf unloading mechanism lowers unloaded inlet temperatures, reduces carbonization and contamination, and various models are turbocharging compatible
- Governor or Discharge Line Unloader controlled for air system control flexibility
- Aluminum cylinder head construction improves cooling, reduces weight and decreases carbon formation
- Various models include an integral pressure relief valve (no external valve required) to minimize excessive pressure buildup and potential compressor damage, and eliminate freeze-up failures
- Lower discharge temperatures reduce carbonization and system contamination, and allow for higher air pressure system capability



c-comp™ – Air Compressor with Integrated Clutch

Highly Efficient Compressor

The Meritor WABCO c-comp is an air compressor with an integrated clutch. It has a simple on-off control and only draws power from the engine in pumping phase, switching off completely during the long off-load phase. This reduces the compressor's overall energy demand. A pneumatic signal is used to engage and disengage the clutch.

The Meritor WABCO c-comp builds on field proven WABCO Worldwide Modular (WWM) design principles, making it highly reliable.

More Engine Power

Up to 8 kW more engine power is available when the compressor is disengaged by the clutch.

Increases Driver's Comfort and Benefits the Environment

Because the Meritor WABCO c-comp is fully disengaged during off-load, overall noise emissions are reduced. Less wear, less oil carryover and lower carbonization further increase the reliability of this maintenance-free clutch compressor and the entire air system. Reduced overall noise emissions and less oil carryover also contribute to environmental sustainability.

Powertrain Clutch

Meritor Wabco's Durable Powertrain Clutch is Designed to Provide Longevity

- Proper Assembly- stacked, multidisc design

c-comp Features and Benefits

- Highly efficient compressor with fully integrated clutch
- Full compressor drive disengagement offers significant fuel savings
- More engine power available during compressor idling
- Increases driver's comfort and benefits the environment
- Reduced maintenance costs due to lower carbonization



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For more information on Meritor WABCO's Products call our OnTrac Customer Service team at 866-OnTrac1 (866-668-7221) or visit meritorwabco.com.

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