



# CELERITY<sup>®</sup> CDRS

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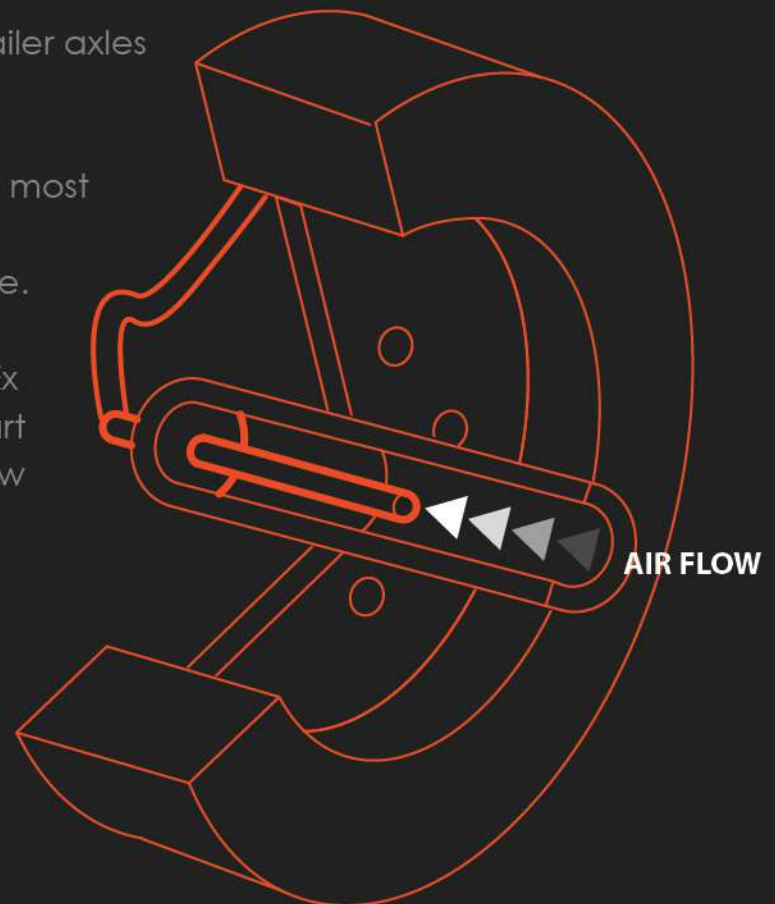
# AUTOMATIC TYRE INFLATION SYSTEM

## WHAT IT DOES

Ensures tyres are constantly at or above the minimum cold pressure setting, which is pre-set depending on the load and tyre specification. The system also notifies the driver when it is pumping air via a warning light fitted to the trailer behind the cab.

## PSI - MARKET LEADING SYSTEM

- ▶ Pressure Systems International (PSI) was established in 1993 and has grown to be the number one systems supplier worldwide.
- ▶ Automatically inflates as needed, whether the trailer is static or dynamic.
- ▶ Can be installed on virtually all heavy trailer axles worldwide.
- ▶ Over 20 years of operating history as the most reliable system on the market with over 1.5 million systems in operation worldwide.
- ▶ The system is used by fleets such as FedEx (Operating PSI for over 10 years), Walmart (taking another 6500 systems on their new trailers in US in 2017), UPS and Sysco.
- ▶ 70% of the top 200 fleets in North America use ATIS by PSI.

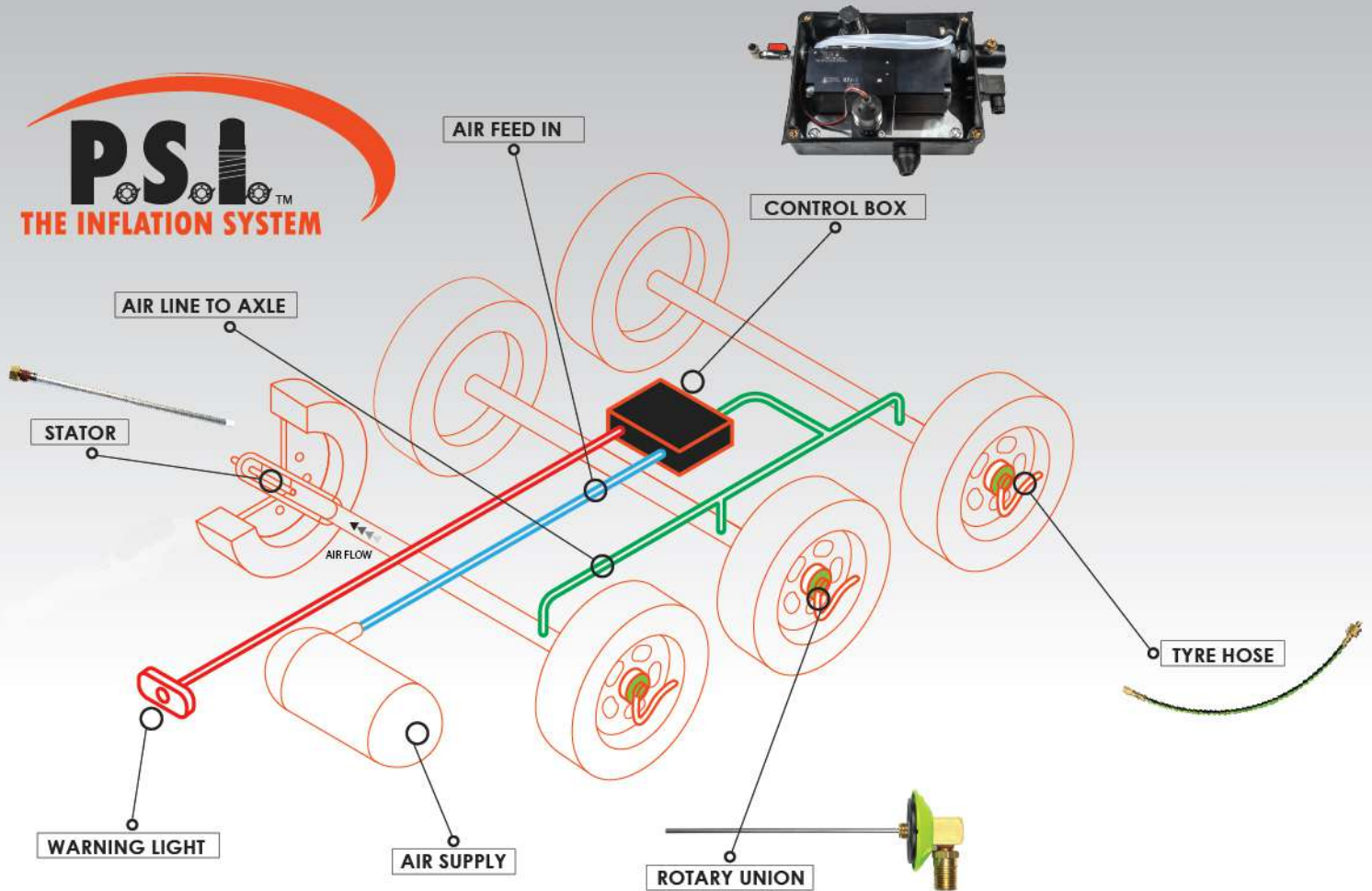


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# HOW IT WORKS

Air pressure is taken from the trailer air supply (air suspension side) through a pressure protection valve. It is then regulated at the control box, set to the desired tyre pressure applicable to the load. Air is then distributed to the axle beams, which act as a correctly pressurised reservoir, whilst stationary or in transit.

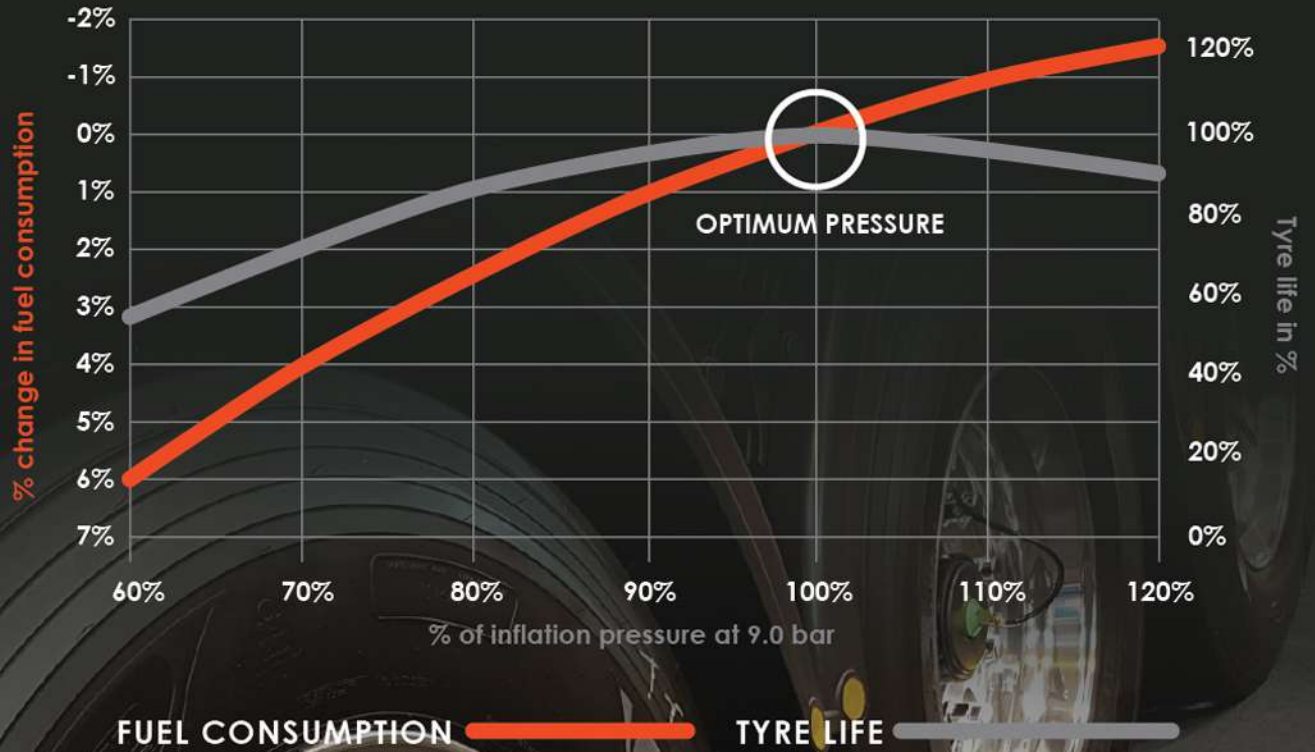


# WHAT ARE THE BENEFITS

- Active not passive ◀
- Increases life of tyres \* ◀
- Reduces fuel consumption \* ◀
- Reduces emissions ◀
- Decreases fleet maintenance costs ◀
- Reduced risk of committing tyre related offences ◀
- Improves safety ◀
- Improves uptime ◀

# TYRE PRESSURE RELATED TO FUEL CONSUMPTION AND TYRE LIFE

TYRE SUPER SINGLE 385/65R22.5 DEFAULT PRESSURE = 9.0 bar (131 PSI)



DATA SUPPLIED BY GOODYEAR & MICHELIN

**PSI**  
THE INFLATION SYSTEM

## W H O W E A R E

Celerity DRS GmbH is based in Recklinghausen, Germany and is part of the Bremsen Technik Holdings Group.

## W H E R E W E A R E

UNITED KINGDOM

GERMANY

SPAIN



## C O N T A C T U S

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