

# FUELSKIRTS 4 TRUCK BODIES & TRAILERS

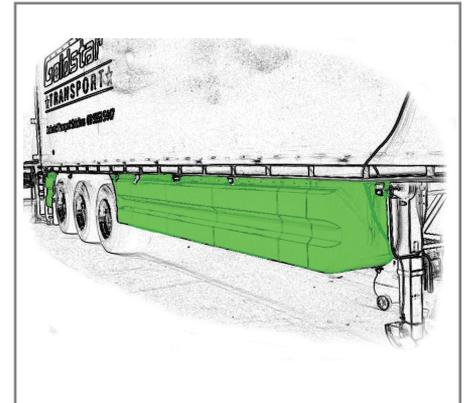
## STYLE & EFFICIENCY

Trailer and Truck Body aerodynamic side skirts have been used by progressive transport companies around the world for many years. 'Skirts' have been represented in many forms, from sophisticated injected plastic to simple curtain like screens (with a propensity to 'flap'). Some are simple additions, where others are integrated systems that look good, but tend not to be very practical.

FuelSkirts from Aeroz-Products provide improved aesthetics, rigid assembly, separate components for reduced maintenance, and aerodynamic features adapted from other wind-tunnel developed Aeroz-Products.

In some markets, style and performance seems secondary to complying with Government regulations (eg. Californian law insists that trailers operating in California must be fitted with trailer skirts). The USA EPA Greenways testing confirms that approved 'skirts' provide at least 5% fuel savings and extensive 'real world' trials confirm fuel saving of between 4.5 % and 6.5%.

FuelSkirts are rigid construction to the underside of trailers and truck bodies, and will at least match accepted results. Further to this, FuelSkirts incorporate an extremely rigid unique front panel with a moulded radius. This radius was confirmed through the wind-tunnel development of Fuelcone to be the minimum radius to develop a lamina effect that will enable free flow of air. This feature will elevate FuelSkirts performance above currently available options. This once again will confirm that Aeroz-Products are "Designed to Work & Made to Last!"



## KEY FEATURES

- ▲ **Performance**
  - Fuel efficiency
  - Truck stability
  - Driver safety
  - Drive-train wear'n'tear
  - Compliments other aero-device performance
- ▲ **Quality**
  - Attractive Design
  - Quality materials
  - Automotive finish
  - Easily painted (if required)
- ▲ **Installation**
  - Easy to install
  - Easily removed
  - Incorporate with 'under-run protection'
  - If necessary can accommodate fixtures
- ▲ **Components**
  - Front radius panel
  - Straight mid-panels
  - Wheel arch (F&R)
  - Rear 'kicker' panel

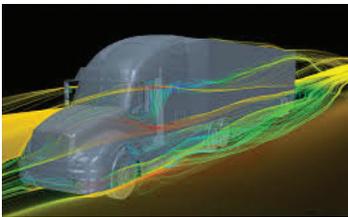


*Designed to work. Made to last.*

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## TECHNICAL INFORMATION



1. FuelSkirts are developed in multi-sized panels for easy installation under a truck body or trailer and limits the impact on the flat surface. FuelSkirts improve truck performance, stability and fuel consumption.
2. While for maximum aerodynamic effectiveness clean lines are highly preferable, FuelSkirts can incorporate under body fixtures. Radius front panel develops lamina effect.
3. FuelSkirts eliminate turbulence under trailers and truck bodies by restricting side winds from entering between axles. The front panel radius is designed to develop a lamina air flow.
4. To minimise turbulence around wheels, FuelSkirts wheel arch panels before and after wheels incorporate a moulded deflector feature. This also is included at the back of rear panel.
5. When FuelSkirts are incorporated with other proven Aeroz-Products it will result in further fuel savings. Aeroz-Products replaced a genuine Mercedes Actros Full Aero Kit with a Fuelscoop Full Aero Kit with extra long 1000mm cab-extendors. FuelSkirts were then installed to the Woolworths trailer. **Official Result = an extra 8% fuel saving!**



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