

FUELSCOOP

FULL AERODYNAMIC KITS



FUELS*COOP*



aerOZ
PRODUCTS

Designed to work. Made to last.

STYLE & EFFICIENCY



While most Aeroz-Products Full Aero-Kits are now based on the newer Fuelscoop design, there are some applications such as the Mack DayCab for which the Original Custom Kit is still the product of choice. Also, where volumes are low, not justifying the capital expenditure to develop a specific kit, the original Custom Kit provides clients with savings of between 12-16% on articulated applications and 15% plus when used in a rigid application.

For the new Fuelscoop based Full Aero-Kit, lower cab extenders are made and model specific and a kit is produced by linking the Fuelscoop and Cab-Extenders with model specific moulded upper extenders. Expected fuel savings will be similar to that of the original Custom Kit with variances being based more on whether application is rigid or articulated, the gap between truck and trailer and difference between the height of the cab roof compared with the body or trailer height.

In some countries such as Australia, European and Japanese articulated trucks quite often have a huge gap between a truck and its trailer. To help overcome negative aerodynamic impact, Aeroz-Products have a range of Full Aero-Kits with extra long cab-extenderns. One such 2016 development provided an 8-9% improvement over the genuine R-Series Scania kit.

**HINO 700**



HINO 500-FD/FE/GD

By assisting the elimination of turbulence between cab and body/trailer operators should achieve 3-5% fuel savings when incorporating cab-extendors alone for tippers, tankers and cab-high loads.



HINO 500-GH/FL/FM



ISUZU 500 (NARROW CAB)



ISUZU 500 (DAYCAB)

Fuelscoop Full Aerodynamic Kits are manufactured in a computer colour match gelcoat to match the factory white truck colour.



ISUZU F SERIES (HD)

IVECO STRALIS



IVECO EUROCARGO

Pat Knowles of Buderim has a contract with TOLL and completes three trips per night from Maroochydore to Brisbane, three nights per week. Prior to fitting the Aeroz-Products Full Aero Kit to his AT1450 Stralis he used up to 1500 litres per week. Since fitting the Aeroz 04127 Aero Kit he has reduced his diesel consumption by at least 150 litres per week.

IVECO DAILY



MACK GRANITE

MACK GRANITE - SPECIAL



Brian Smith Transport of Mt Gambier fitted a full aero kit to an older Mack day cab; then compared his 2006 economy to the economy after the kit was fitted in 2008. The results... Before the average fuel consumption was 1.62 Kilometres per litre. After fitting the Aeroz Products Full Aero-Kit this average has now improved to 1.83 kilometres per litre, a saving of 13%, or for Brian, over \$200 per day!



MERCEDES SPRINTER

Australia Post are constantly seeking improved efficiencies, lower costs and improvement in their environment impact. Using a Melbourne based truck, a trial took place, removing a genuine Mercedes Atego factory roof device and replacing it with a modified traditional Aeroz-Products full aero kit (roof device and side cab extenders). The result was a further improvement of 4.7%, in comparison to the Mercedes Kit.

MERCEDES ATEGO - ORIGINAL



MERCEDES ACTROS - ORIGINAL

TOLL, within their Woollies contract, removed the genuine Mercedes Actros full aerodynamic kit and replaced it with a specially developed Fuelscoop Full Aero-Kit with 1m long cab extenders to fill the gap between the Actros cab and the articulated van. FuelSkirts were also fitted to the van. After exhaustive tests, an additional savings of 7.8% were confirmed within the official test report. That's 7.8% more than factory equipment previously fitted!



MERCEDES ACTROS - HIGH ROOF SLEEPER



MERCEDES ACTROS - SPECIAL



MITSUBISHI-FUSO FIGHTER FK



MITSUBISHI-FUSO FIGHTER FM/FN



MITSUBISHI-FUSO HEAVY-DUTY



SCANIA R-SERIES

NTS fitted an original Custom Kit onto four MK UD trucks in addition to a Fuelcone Extender along the top of the rigid van. The result was an average of 27% fuel saving for each of the four trucks.



UD QUON



UD PK CONDOR



VOLVO FH



UD MK CONDOR



VOLVO FM

DeBruyn's Transport removed a genuine Volvo roof device and replaced it with an Aeroz-Products Fuelscoop Full Aero-Kit using extra long 750mm cab extenders.

The savings over 5% were excellent, especially in light of the fact that the application was not rigid, or even a single trailer, but rather a B-Double combination.

FUELSCOOP FULL AERODYNAMIC KITS

TECHNICAL INFORMATION



1. FUELSCOOP fits to most Japanese truck cabs by a moulded base and picks up factory installed mount point, ensuring no-risk installation. Double sided tape stops vibration
2. For most European trucks a powder coated bracket system picks up factory mount points. In some instances moulded mount points make this possible.
3. Fuelscoop provides the benefits as reported, improves the overall truck appeal, it is also designed for strength with no need for internal brackets due to integral support.
4. A frontal view of Fuelscoop exposes a 'cut' that redirects the airflow outwards causing a 'streaming' affect. This intensified airflow streams along the Fuelscoop acts like a cushion assisting the vehicle stability, thereby improving the truck's safety, increasing performance and reducing fuel consumption.
5. When an Aeroz-Products Full-Aero Kit is installed it is not only a commitment to equipment that provides excellent return on investment, the kit also enhances the aesthetics of the truck design. Attention to detail is shown in items such as neat matching joins between components, moulded access doors and wherever possible, concealed mounting hardware. Designed and manufactured in Australia and superior to most products available world-wide.

FUELSCOOP



KEY FEATURES

- ▲ **Substantially improves**
 - Fuel efficiency
 - Truck stability
 - Driver safety
 - Drive-train wear'n'tear
- ▲ **Modern moulded design**
- ▲ **Proven tough on-road**
- ▲ **Truck specific mounting**
- ▲ **Improves visual aesthetics**
- ▲ **Increased brand exposure**
- ▲ **Colour matched gelcoat finish**
- ▲ **Won't cause cab damage**
- ▲ **Easily painted (if required)**
- ▲ **Easily installed (new type)**
- ▲ **Two design types**
 - Height from 600-1200mm

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