

Alcoa aluminium wheels



The ultimate choice for commercial vehicles

Alcoa aluminium wheels are the lightest and the strongest wheels available for commercial vehicles. The bright, shiny look of Alcoa wheels largely enhances the truck's overall appearance.

The advantages of forged aluminium

Alcoa wheels are forged from one single piece of aluminium, without welds. A well controlled production process gives them an excellent impact resistance and an unrivalled strength. Due to the natural resistance of aluminium to corrosion, Alcoa wheels keep looking good, also after years of intensive service.

Dura-Bright® EVO wheels

Dura-Bright® is not a coating, but a surface treatment that penetrates the aluminium. It is an integral part of the wheel and forms a protective shield against dirt. It will not chip, crack, peel or corrode like conventional coatings do.

The durable beauty of Alcoa Dura-Bright® wheels

Alcoa Dura-Bright® wheels do not need polishing. Regular washing with soap and water will keep them shiny. Even after hundreds of washes and many thousands of kilometers, the brightness will not fade and the surface will not show any discoloration.

With the Dura-Bright® treatment your wheels can look at their best, with a minimum of effort. You save time and money and still hit the road with splendid wheels on your truck.

The Dura-Bright® EVO wheels distinguish themselves from their predecessor Dura-Bright® XBR® through

- a much higher chemical resistance: pH levels widened from 5-9 to 2-12
- increased environmental sustainability: less hazardous material used during production

For more information on Dura-Bright®, visit: http://www.alcoa.com/alcoawheels/europe/en/info_page/durabright.asp

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Advantages of aluminium wheels over steel wheels

Lighter

- 16-22 kg per wheel, adding up to weight savings of 100-120 kg for 2-axle vehicles and 150-210 kg for 3-axle vehicles
- lighter wheels result in increased payload
- lower wheel inertia saves fuel

Stronger

- strength and impact resistance beyond compare
- aluminium wheels are 4 times stronger than steel

Wheels

- Alcoa wheels are certified by JWLT, TÜV and LBF

More economical

- less fuel consumption due to lower inertia and reduced rolling resistance
- less tyre tread wear due to perfect wheel roundness
- longer brake life due to better heat dissipation
- longer suspension life due to lower unsprung mass
- lower maintenance costs due to easy cleaning Procedure

Better vehicle appearance

- Alcoa wheels improve the look of the vehicle
- Alcoa wheels raise the resale value of the vehicle
- Alcoa wheels feature a classical, timeless design



Better for the environment

- forged aluminium wheels are fully recyclable
- lower weight results in less fuel and hence less CO₂ emission
- Alcoa Dura-Bright® EVO wheels do not require special (harmful) cleaning agents

Alcoa forged aluminum wheels on DAF vehicles are available in different finishes:

- 'Brushed' for a satin gloss look
- 'Dura-Bright® EVO' for an effortless shiny look

DAF vehicles can be supplied with Alcoa wheels in sizes 22.5 x 8.25, 22.5 x 9.00 and 22.5 x 11.75.