



### Alcoa 17.5 x 6.75 wheel for medium duty trucks on disc brakes available at MAN

From April 2011 onwards, the MAN TGL series can be ordered with Alcoa forged aluminium wheels. The 17.5" x 6.75" hub piloted 6 studs on 245 mm bolt circle wheel is available at MAN in two finishes: Brushed and Dura-Bright®. MAN is the first truck OEM offering this new Alcoa wheel for trucks of 6-12 tons GVW.

The wheel can also be fitted on the MB Atego, but is not yet available at Mercedes-Benz. Retrofitting can be arranged via the Alcoa distributors.



For mounting the wheel on 6-12 tons trucks from other brands, please seek the advice of the Alcoa Sales Managers or contact us on [info.wheels@alcoa.com](mailto:info.wheels@alcoa.com).

### TÜV approval for Alcoa 17.5 x 6.75 low deck trailer wheel with 3000 kg load index

French trailer builder Kaiser has recently delivered its first low deck trailer with Alcoa 17.5" x 6.75" hub piloted 10 studs on 225 mm bolt circle wheels to an international French road construction company.

They were looking for ways to save weight to optimize the combination and the ability to load 2 road

machines at the same time, without any restrictions about the strength and load index capacity of the wheels, which is 3.000 kg for this particular Alcoa wheel. Another vehicle will be delivered soon to AC2MI in Normandy. This Alcoa wheel for low deck trailers on drum brakes is becoming more and more popular in Europe.

The wheel can be ordered in Mirror Polished finish at all manufacturers of low deck trailers.

Retrofitting can also be arranged via the Alcoa distributors. For distributor details please check the contact page on [www.alcoawheels.com](http://www.alcoawheels.com).

Since March 2011, the wheel has also been approved by TÜV.



## Vicentini Trasporti prefers Alcoa Dura Bright® wheels for easy maintenance

In 1961 the Italian brothers Natale and Gianfranco Vicentini founded Vicentini Trasporti, providing transportation services to industries in the Verona area and surrounding cities.

They started their business with one tipper truck Fiat 682. With the rise of the Italian economy their business grew as well. Within a few years they operated 5 trucks of their own, and managed a forwarding agency of 50 owner operators. In 1973 they increased the number of their own trucks, at the same time reducing the number of the owner operators' trucks.



Currently, Vicentini Trasporti operates between Italy and many European countries with 52 artic trucks and 73 trailers, curtain siders and some flat-beds, for the transport of industrial products. All vehicles are equipped with Alcoa forged aluminium wheels. When they decided to start using alloy wheels in 1985, they initially went for cast wheels. However, after having tested the Alcoa forged aluminium wheels in 1996, they decided to specify only Alcoa wheels because of the better quality and appearance, compared to the cast wheels.

Vicentini Trasporti recently switched to Alcoa Dura-Bright® wheels.

Thanks to the patented surface treatment of these wheels, they can reduce maintenance to a minimum as Dura-Bright® wheels do not need polishing and can be cleaned easily, using soap and water.

Mr Gianfranco Vicentini states: *"Alcoa forged aluminium wheels help us to increase our payload and give our vehicles a better image in line with the performance of service provided. Thanks to the perfect roundness of the wheels and the technical properties inherent to aluminium – such as better heat dissipation – we also experience a longer life time of tires and brakes. And above all, with the Dura-Bright® finish, maintenance has been reduced to a minimum, saving money in working hours and cleaning products."*

## MAN special series Lion's Coach Team Edition with Alcoa wheels



Inspired by the Football Bundesliga team buses of FC Bayern München, Borussia Dortmund, VfL Wolfsburg, and 1. FC Kaiserslautern, MAN presents a special series of its Lion's Coach success model. The MAN Lion's Coach Team Edition series is limited to 50 coaches and offers an appealing equipment pack with features similar to the well-known Bundesliga buses. The exterior and interior are inspired by the football theme.

Three vehicle lengths - 12 m (30 vehicles), 13.26 m (10 vehicles) and 13.8 m (10 vehicles) - are available. The 12 m variant is standard equipped with Alcoa Mirror Polished wheels. For the two other variants the Alcoa wheels are optional.

## Alcoa continues production of 22.5 x 15.00 trailer wheel on customer demand

In October 2010 Alcoa Wheel Products Europe decided to discontinue the production of the wheel size 22.5 x 15.00, because the yearly sales of this wheel were too low to justify maintaining the die and keep stock of the wheel, which is made in the Cleveland / US plant, in Europe.

However, the market for this wheel improved a lot during the last months and customer demands started to come in again. In order to satisfy the trailer OEMs and distributors who received orders from fleets for the 850521 wheel, Alcoa decided to continue producing the wheel. In May 2011 the wheel will be available again from the European stocks in Paal, Belgium.



## Charles Feijts Groep builds Iveco Strator in the Netherlands



Since 2007 the Charles Feijts Group in Born (NL) produces the only torpedo front truck still available for the European market, the IVECO STRATOR. This originally Australian concept is implemented in Born to build a bonneted truck that complies with European regulations. Using the IVECO STRALIS with the largest Active Space cabin as a basis, the plant in Born makes all adjustments needed to build this impressive truck. The Australian IVECO bonneted Powerstar is not homologated in Europe.

Adjusting the brakes, reducing emissions and altering the steering position would be too costly. Therefore the Charles Feijts Group builds the IVECO STRATOR using the Ulm-manufactured STRALIS as a basis. This typical niche truck is mainly ordered by hauliers who care about their image. Other extras offered by this bonneted truck, including reduced drag, lower fuel consumption and increased safety, are added bonuses.

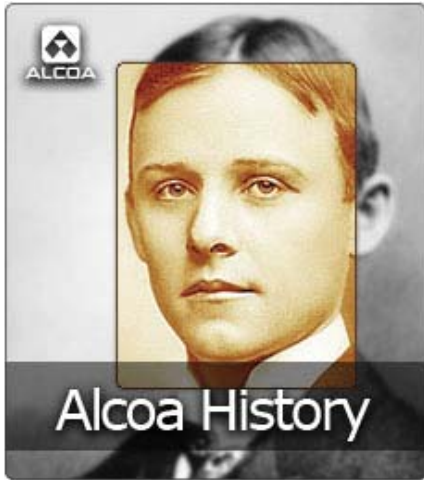
To complement the premium appearance of this truck, 90% of all STRATORS are fitted with Alcoa Dura-Bright® wheels.

Mr Simons, CEO of the Charles Feijts Group, explains why:

*"We have managed to limit the weight increase of the STRATOR to  $\pm 230$  kg compared to a standard STRALIS. By fitting lightweight forged aluminium wheels from Alcoa we can reduce its weight even further. A standard ready-to-drive STRATOR with 420 PK EEV engine weighs 7,100 kg.*

*I also believe that a niche truck such as the STRATOR should be equipped with a matching set of wheels! That is why we only mount Alcoa Dura-Bright® wheels'.*

## Alcoa Celebrates 125 Years of Modern Aluminum



February 2011 marked a milestone in American history that's known to few but benefits everyone. Thanks to the birth of the modern aluminum smelting process 125 years ago by Charles Martin Hall, thousands of products can be made safer, lighter, more fuel efficient and more recyclable.

On February 23, 1886, Charles Martin Hall passed an electric current through a molten cryolite-alumina solution to form the

first small, shining globules of aluminum, known today as our "crown jewels."



After Hall's process was patented, aluminum became a more common metal and its attributes were recognized and sought after. Hall's invention led to the founding of Alcoa – which started as the Pittsburgh Reduction Company in 1888. His invention is the reason that Alcoa has contributed to the heart of countless historic events and paved the way for newly developing industries around the globe.

In celebration of Hall's remarkable invention, Alcoa is initiating a series of events and activities to recognize Hall's achievement and the influence of this miracle metal.

Alcoa Vice President and Chief Sustainability Officer Kevin Anton: *"We call aluminium the miracle metal not just for one reason – but for many. Its properties are simply amazing: lightweight and ideal for promoting fuel efficiency; strong enough to withstand deep ocean drilling and space travel; non-corrosive, making it perfect for use on the façade of buildings; and, of course, it is infinitely recyclable. No other material has all of these properties."*

No other metal has aluminium's sustainability advantage. Nearly 75 percent of the aluminium ever produced is still in use today. The demand for this miracle metal in industries ranging from transportation and consumer electronics, to packaging and building & construction has never been brighter. As Anton notes, *"Aluminium's contributions to the advancement of society are limitless. And the ingenuity and out-of-the-box thinking and experimentation that were characteristic of Charles Martin Hall continue to drive our ambitions at Alcoa today."*

One of Alcoa's most recognized products in the transport industry are the forged aluminium wheels for trucks, trailers and buses. Compared to steel wheels, Alcoa aluminium wheels are:

- lighter, resulting in increased payload
- stronger, resulting in increase lifetime
- more environmentally friendly, as they are 100% recyclable
- more profitable: reduced fuel consumption, less tyre wear, longer lifetime of brakes and suspension
- easier to clean, especially the Dura-Bright® finish
- and last but not least much better looking!



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