



Cattle trader Venneker uses Alcoa 17.5 x 6.75 low deck trailer wheels



The company Venneker based in Nordkirchen in Germany has over 35 years of experience in cattle trade and transport. Today, they operate 48 trucks and more than 40 ultra-modern trailers and semi-trailers to transport the animals, observing the latest EU regulations.

When defining vehicle characteristics, the highest priority – besides payload – is given to the maintenance-friendliness and quality of the individual parts. Workshop manager Nolte, who came to Venneker 2 years ago from a truck manufacturer with many years of experience, took a critical look at the wheels issue.

The regular failure of aluminium wheels from other manufacturers finally led to the complete switch for all trucks and trailers to Alcoa's Mirror Polished aluminium wheels.

Since **Alcoa introduced the 17.5 x 6.75 aluminium low deck trailer wheel**, 15 new trailers have been ordered from a South German manufacturer over the past months, all equipped with these wheels.



Here as well, the increase in load and the high product quality of the Alcoa aluminium wheels were major advantages.

"The next step", according to workshop manager Nolte, "will be the switch for all new trucks to Alcoa's Dura-Bright® wheels". He sees this as a clear opportunity to cut costs of wheel maintenance, which is since recently done the company's own truck wash.

HMK, Europe's oldest transportation company, relies on Alcoa Dura-Bright®



H.M.Kristiansens Automobilbyrå AS, more commonly known as HMK, is Europe's oldest transportation company and is also the largest privately owned coach company in Norway.

They have been operating from Oslo since 1873. HMK started out with horse-drawn transport, carrying local gentry around Oslo. In 1937, the company became fully motorized and continued to be Oslo's leading service provider of sight-seeing trips for tourists.

The company takes its name from its original founder, Hans Martin Kristiansens. It has been a family business from the beginning to the present day. The Halvorsen family has been the proprietor of HMK since 1977. Current chairman of the board is Ola Halvorsen, who is co-owning HMK with his brother Halvor. In 2008 HMK became part of the Global Passenger Network (GPN), an elite group of networks representing the best motor coaches and travel companies in the world.

Today, HMK has around 70 vehicles in service. The buses are mainly used for short distances in and around Oslo, carrying tourists.

In the past, HMK were using steel wheels with wheel covers to attain a high-end look. Later on, they fitted some of the buses on cast alloy wheels. When the company learned of Alcoa's aluminium forged wheels, they decided to retrofit their buses with Alcoa Dura-Bright®. Since then, Alcoa Dura-Bright® wheels are HMK's top choice.

HMK relies on Alcoa Dura-Bright® wheels to ensure the wheels of their buses always have an appealing and shiny look. The fact that Dura-Bright® wheels are easy to clean is added bonus to the owners of the fleet.

So much so that in future, all new vehicles will be fitted with Dura-Bright® wheels. All in all, Alcoa's aluminium forged Dura-Bright® wheels help to achieve the high standards a member of GPN has to uphold.



Alcoa Wheel Products is present at Solutrans 2011, which takes place in **Lyon, France** from **November 29 to December 3**. Please visit our stand **6H106 in Passage 46**. Our staff is looking forward to welcome you.



New 22.5 x 11.75 Alcoa wheel with 5000 kg load index



In CW 49/2011 Alcoa Wheel Products Europe introduces a new 22.5 x 11.75 wheel with 120 mm offset and 5000 kg load index for truck front steer axles and trailer axles. The new wheel weighs **only 23.6 kg** and is available with **Ø 26mm mounting holes in four finishes:**

| | |
|------------------------|-----------------|
| Brushed | 819520 |
| Mirror Polished | 819521 |
| Dura-Bright® | 819521DB |
| Dura-Flange® | 819520DF |

Rim flanges are engineered to a unified rim flange design, allowing to accommodate **both adhesive and clip-on balancing weights**. The new FrontRunner® is interchangeable with the current wheels and

has passed European LBF Eurocycle tests, as well as SAE J267 wheels/rim truck tests. Volvo Trucks will switch completely from the FrontRunner® with 4500 kg load index to the new wheel with 5000 kg load index. The wheel is also available at trailer OEMs for vehicles with 10 ton load axles.

Van der Mierden Transport is first fleet to mount Alcoa's 22.5 x 11.75 5T load wheel



The new wheel, which will be available for all European Alcoa customers from December 2011 onwards, is already on the road on a special vehicle from Van der Mierden Transport in Veldhoven, the Netherlands. They specified it, with the assistance of DAF dealer De Burgh in Eindhoven, on their new, state-of-the-art trailer used for milk transport, which was shown recently at the Carrosserie Vakdagen Gorinchem event.

Van der Mierden Transport is a family business that has been active in the dairy sector since last century. They started out as 'milkmen' collecting milk cans from farms and transporting them to the dairy factories, at first by horse and kart and later by truck. From the 1980's onwards, collection of milk in cans ceased and Van der Mierden began working with milk tankers. Since then their working territory has widened extensively. Nowadays, Van der Mierden collects and transports milk all over the Netherlands for big firms, such as the Friesland Campina company.

Company manager Julian van der Mierden built on his extensive experience to assemble his ultimate truck/trailer combination. In collaboration with De Burgh, Van der Mierden has put together a vehicle that is ideally suited for both milk collection from farms as well as milk transportation between factories.

Alcoa's new 22.5 x 11.75 wheel fits the bill for Van der Mierden's ideal vehicle perfectly:

- With its **5 ton load index capacity**, it is suited for a **10 ton axle**.
- Moreover, thanks to the weight saving of Alcoa forged aluminium wheels versus steel wheels, it is the ideal wheel for this highly weight-sensitive transport segment.
- On top of this, the lasting good looks of Alcoa's easy-to-clean Dura-Bright® wheels provide the vehicle with a shiny and clean image for years to come, which is a big asset in the food transport industry.

ALprotect for your Alcoa wheels during winter time

Are you looking for a product to protect your Alcoa wheels during winter time?

We have the solution: **ALprotect is a temporary protective coating to protect Brushed and Mirror Polished aluminium wheels during winter time from dirt, salt and oxidation.**



It can be applied and removed simply and easily. You apply a small quantity of ALprotect on a cloth and spread it evenly over the wheel. ALprotect can be removed with high pressure cleaner or warm water and light detergent. After winter time cleaning and polishing requires less effort when using ALprotect. ALprotect is available in cans of 500 ml and is economical in use.

ALprotect is available at the Alcoa wheel distributors everywhere in Europe. For a list of distributors, consult the contact page on the European version of www.alcoawheels.com.

New Alcoa Specification Sheet

Since we presented the March 2011 Specification Sheet, we made quite some improvements to the range of Alcoa forged aluminium wheels. The new – September 2011 – specification sheet is available on the download page of the European version of www.alcoawheels.com.

This sheet includes **the new lightweight 22.5 x 11.75 wheels with offset 120 and 135 mm, which are available since September 2011, as well as the 22.5 x 11.75, 120 mm offset wheel, with 5000 kg load index, which will be available from CW 49, 2011 onwards.**

All of these new wheels can accommodate both adhesive and clip-on weights.

The clip-on balancing weights for the new Alcoa wheels are available from

- Wegmann Automotive for the Hofmann Power Weights: www.wegmann-automotive.de and www.dionys-hofmann.com
- Remog S.p.A. : www.remog.it

| Wheel Size | Model | Offset | Load Index | Speed Rating | Weight | Material | Finish | Weight Type | | | | | | | |
|--------------|------------|----------|------------|--------------|--------|----------|--------|-------------|----|---|-----|-----|-----|----------|----------------------|
| 17.5" wheels | 17.5 x 7.5 | 60/62/64 | 80/82/84 | 113 | 2000 | 125 | 163 | 2010 | 26 | 6 | 265 | 202 | gms | ADHESIVE | adhesive and clip-on |
| | 17.5 x 8.5 | 60/62/64 | 80/82/84 | 113 | 2000 | 125 | 163 | 2010 | 26 | 6 | 265 | 202 | gms | ADHESIVE | adhesive and clip-on |
| | 17.5 x 8.5 | 60/62/64 | 80/82/84 | 113 | 2000 | 125 | 163 | 2010 | 26 | 6 | 265 | 202 | gms | ADHESIVE | adhesive and clip-on |
| | 17.5 x 8.5 | 60/62/64 | 80/82/84 | 113 | 2000 | 125 | 163 | 2010 | 26 | 6 | 265 | 202 | gms | ADHESIVE | adhesive and clip-on |
| 19.5" wheels | 19.5 x 7.5 | 77/81/85 | 77/81/85 | 157 | 3000 | 158 | 181 | 210 | 24 | 8 | 275 | 225 | gms | ADHESIVE | adhesive |
| | 19.5 x 7.5 | 77/81/85 | 77/81/85 | 157 | 3000 | 158 | 181 | 210 | 24 | 8 | 275 | 225 | gms | ADHESIVE | adhesive |
| | 19.5 x 7.5 | 77/81/85 | 77/81/85 | 157 | 3000 | 158 | 181 | 210 | 24 | 8 | 275 | 225 | gms | ADHESIVE | adhesive |
| | 19.5 x 7.5 | 77/81/85 | 77/81/85 | 157 | 3000 | 158 | 181 | 210 | 24 | 8 | 275 | 225 | gms | ADHESIVE | adhesive |
| 22.5" wheels | 22.5 x 7.5 | 87/91/95 | 87/91/95 | 217 | 3500 | 158 | 181 | 210 | 24 | 8 | 335 | 285 | gms | ADHESIVE | adhesive |
| | 22.5 x 7.5 | 87/91/95 | 87/91/95 | 217 | 3500 | 158 | 181 | 210 | 24 | 8 | 335 | 285 | gms | ADHESIVE | adhesive |
| | 22.5 x 7.5 | 87/91/95 | 87/91/95 | 217 | 3500 | 158 | 181 | 210 | 24 | 8 | 335 | 285 | gms | ADHESIVE | adhesive |
| | 22.5 x 7.5 | 87/91/95 | 87/91/95 | 217 | 3500 | 158 | 181 | 210 | 24 | 8 | 335 | 285 | gms | ADHESIVE | adhesive |
| WorkHorse | 22.5 x 7.5 | 87/91/95 | 87/91/95 | 217 | 3500 | 158 | 181 | 210 | 24 | 8 | 335 | 285 | gms | ADHESIVE | adhesive |
| | 22.5 x 7.5 | 87/91/95 | 87/91/95 | 217 | 3500 | 158 | 181 | 210 | 24 | 8 | 335 | 285 | gms | ADHESIVE | adhesive |
| | 22.5 x 7.5 | 87/91/95 | 87/91/95 | 217 | 3500 | 158 | 181 | 210 | 24 | 8 | 335 | 285 | gms | ADHESIVE | adhesive |
| | 22.5 x 7.5 | 87/91/95 | 87/91/95 | 217 | 3500 | 158 | 181 | 210 | 24 | 8 | 335 | 285 | gms | ADHESIVE | adhesive |

We will keep you up-to-date of further improvements and additions to our range of products in future newsletters.

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