

Please join us at  
IAA Commercial Vehicles  
Hannover  
September 19 - 27  
Hall 24, Stand E01

## In Hungary every kilo counts from now on

Road safety will always be a priority. The Government of Hungary recently initiated the National Axle Weighing System. The purpose of the system is to detect the offenders in traffic without even stopping the vehicle. In Hungary 89 measuring points have been developed altogether.



The weigh in motion strip sensors installed underground are able to determine the axle load and total mass of vehicles while driving. With this introduction the effectiveness of the oversight control of overweight vehicles is considerably increased, from 2% to 51%.

The project started in 2016 and is fully up and running as from September 2017. A similar system is already successfully in use in the Netherlands for a long period of time.

Overloading vehicles is extremely dangerous. There is no doubt that overloaded vehicles should be removed from traffic. Overloading damages the roads, and the risk of accidental injury is even greater. The penalties for overloading are severe.

### Take action

For weight critical transportation in and through Hungary Arconic offers lightweight Alcoa Wheels. These wheels generate weight savings that can add up to 250 kilo (or 300 litres of fuel) for a regular truck/trailer combination; without compromising the original configuration of the vehicles. Switching to Alcoa Wheels can help reducing fines and delays.

Alcoa Wheels are available ex works at all major truck and trailer manufacturers. For retrofitting Arconic relies on an extensive distributor network. Visit our website for more information.

## NEW: Alcoa Wheel 19.5x14.00 offset 120 mm



Arconic Wheel and Transportation Products brought a new wheel to market: 19.5x14.00 offset 120 mm. The ideal solution for volume transportation.

### The lightest in class!

No doubt about that! The 19.5x14.00 offset 120 mm wheel is the lightest in its class. The wheel only weighs 21.6 kg compared to 44 kg of the steel equivalent.

### Shine, shiny, shiniest

The Alcoa Wheel 19.5x14.00 with offset 120 mm is available in the 2 shiny finishes LvL ONE® (ref. 748527) and Dura-Bright® EVO (ref. 748521DB).



# Alcoa Wheels on the road

## BYD electrifies public transport and goes green with Alcoa Wheels



Green has never been out of style. Yet new and greener propulsion technologies are expensive. Cost efficiency has never been as vital as it is now. As an electric bus OEM, BYD focuses heavily on getting public transport transitioned to zero emissions. A BYD city bus can run all day on a single charge using cost effective off-peak electricity. As BYD started as a producer of rechargeable batteries and expanded its core to the

fields of IT, automotive, new energy and rail transit, they have the knowhow in house.

When looking at city bus specifications, steel wheels have always seemed to be an obvious choice, yet not the most effective one. Switching from steel to aluminium Alcoa Wheels considerably lowers the total cost of ownership. Factors like weight saving, strength, easier maintenance and

less tyre wear definitely play a role here.

BYD already introduced Alcoa Wheels on city buses in Europe in 2012 and goes in Arconic's history books, as this collaboration leads to the oldest electric city bus fleet in Europe that is still operational (on the island of Schiermonnikoog in the Netherlands). Today more than 130 BYD city buses are active on European roads, and nearly 100 in the UK via the successful joint venture with Scottish bus OEM Alexander Dennis. But the story definitely doesn't end there. More than 100 extra BYD buses are in the pipeline and many more to come. "Alcoa Wheels greatly matches with our company vision of Drive More and Save More.", says Isbrand Ho, Managing Director at BYD Europe. "The wheels positively influence capacity by allowing more people on the bus and immediately reduce operating costs as we experience fewer replacements of tyres and wheels."

For more information about BYD, visit [www.bydeurope.com](http://www.bydeurope.com).

## Our customers matter

### We wheely appreciate the efforts from our distributors

Success doesn't just come and find you, you have to go out and get it. Also this year we rewarded 3 Alcoa Wheels Distributors for their excellent performance. Congratulations to Igotus D O O, Bulthuis Truck- en Traileronderdelen and Alwheel s.r.o.! We are so proud to see your hard work and dedication pay off! Looking forward to numerous years of collaboration!

#### **And the winners are!**

*Distributor of the year: Igotus D O O, Croatia*

*Alcoa Wheels Passion: Bulthuis Truck- en Traileronderdelen, Netherlands*

*Rising Star: Alwheel s.r.o., Czech Republic*



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