

Alcoa WorkHorse® wheels

Disc brake protection and increased wheel load



In response to customers' needs and market demand, Alcoa Wheel Products developed a wheel for European construction vehicles with disc brakes. This new wheel is designed without ventilation holes to protect the drive/front axle disc brakes from sand and gravel.

Meanwhile this WorkHorse® wheel has found its way to various other applications, including trailers.

This special wheel design brings Alcoa customers true added value through the reduction of maintenance costs, increased brake life and improved performance.

Higher maximum load index per wheel

	standard wheel	WorkHorse® wheel	
22.5 x 9.00	4125 kg	4335 kg	+5%
22.5 x 11.75	4500 kg	5000 kg	+11%

Due to its stronger design, the fatigue life for these wheels has also been increased. Mounting characteristics for the WorkHorse® wheels are the same as for standard wheels.

WorkHorse® wheels are available in **Brushed** finish.

Please consult our Specification Sheet on www.alcoawheels.com for part numbers and technical details.



Earning your trust, every day

Why do our customers prefer Alcoa WorkHorse® wheels?

Nigel K.Charlton Haulage, UK

Nigel K.Charlton Haulage operates 5 trucks in one of the largest lime stone quarries in Europe. The company has been mounting Alcoa wheels since 20 years. Nigel was one of the first operators to experience the benefits of the WorkHorse® wheels. Not only has he equipped two trucks with these wheels, but also a trailer.

"All my vehicles run on Alcoa wheels because they are much lighter than steel. Weight saving is very important in this type of transport. With the WorkHorse® wheels we get added strength on top of the weight saving. Equally important: the fact that the WorkHorse® wheels have no

ventilation holes prevents the dust and grit entering the brake area, thus extending the brake life of truck and trailer. An additional advantage is that the cab windows stay cleaner with these wheels. As the wheels have no ventilation holes, cleaning them is also easier and quicker."

Baumeister KG, Germany

The company Baumeister KG equipped two open bulk trailers with WorkHorse® wheels.

The owner, Mr. Franz Baumeister, stresses the wheels' benefits on construction vehicles. *"The main advantage is the encasement of the brakes by the wheels. On one*

hand, no foreign objects can get to the brakes and contaminate or damage the brake system. On the other hand, the wheels stay very clean since no lining wear or dirt can reach the outside, which makes cleaning very easy."

15 years ago, Mr Baumeister was already convinced of the qualities of Alcoa forged aluminium wheels for use in the construction industry. And thanks to the weight savings, all of his investments in Alcoa wheels have paid themselves back several times.

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