Unrivalled Strength, Durability and Shine
Alcoa Forged Aluminium Wheels
Lightweight Champion

The Original – Alcoa Genuine Quality - from Start to Finish
No other wheel manufacturer controls the production process as thoroughly as we do.
We manage product quality at every step, from mining top quality bauxite, refining it into alumina, smelting of aluminium, and forging the final high-strength, low-weight wheel.

Alcoa Wheels Fit Your Business

A wide choice of Alcoa forged aluminium wheels is available for all commercial vehicles: trucks, trailers, coaches and buses. From transporting food or dangerous goods, to making trips to construction sites; to plying the roads carrying tourists or passengers, Alcoa makes wheels that will fit your needs.

Enquiries and Contacts:

China – Northern Region
Beijing office
Tel: +86 10 5921 5063
Fax: +86 10 5921 5100
Mobile: +86 13910208995

China – Eastern Region
Shanghai office
Tel: +86 21 3252 0866
Fax: +86 21 3252 0748
Mobile: +86 13801919874

Email us at asia.cvw.sales@alcoa.com

China – Western Region
Tel: +86 21 3252 8005
Fax: +86 21 3252 8560
Mobile: +86 15208560135

India
New Delhi Office
Tel: +91 11 2371 7870-75
Fax: +91 11 2371 7876
Mobile: +91 9967969006

South East Asia & Taiwan
Singapore office
Tel: +65 6827 9749
Fax: +65 6295 2567
Mobile: +65 9641 8607

South Korea
Tel: +82 2 584 3810
Fax: +82 2 584 3815
Mobile: +82 10 5705 2766

Lighter • Stronger • More Economical • More Environmentally Friendly

Alcoa Product Brochure (English) path.indd   1
19/04/2012   10:22 AM

The Alcoa Forged Strength since 1948
The strongest forged aluminium wheels add more value to your operations and keep you in the lead!

Outfit your vehicle with genuine Alcoa advantages
Specify Alcoa forged aluminium wheels by name – the way most truck, trailer, bus and coach manufacturers do worldwide.

Alcoa wheels weight savings over steel and cast aluminium:

<table>
<thead>
<tr>
<th>Configuration example 1</th>
<th>Alcoa</th>
<th>Cast Aluminium</th>
<th>Steel</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wheel Type</td>
<td>22.5 x 11.75</td>
<td>22.5 x 11.75</td>
<td></td>
</tr>
<tr>
<td>Wheel (kg)</td>
<td>232</td>
<td>257</td>
<td>286</td>
</tr>
<tr>
<td>Confguration example 2</td>
<td>Alcoa</td>
<td>Cast Aluminium</td>
<td>Steel</td>
</tr>
<tr>
<td>Wheel Type</td>
<td>22.5 x 11.75</td>
<td>22.5 x 11.75</td>
<td></td>
</tr>
<tr>
<td>Wheel (kg)</td>
<td>232</td>
<td>257</td>
<td>286</td>
</tr>
<tr>
<td>Confguration example 3</td>
<td>Alcoa</td>
<td>Cast Aluminium</td>
<td>Steel</td>
</tr>
<tr>
<td>Wheel Type</td>
<td>22.5 x 11.75</td>
<td>22.5 x 11.75</td>
<td></td>
</tr>
<tr>
<td>Wheel (kg)</td>
<td>232</td>
<td>257</td>
<td>286</td>
</tr>
</tbody>
</table>

China – Southern Region
Shanghai office
Tel: +86 21 3252 0866
Fax: +86 21 3252 0748
Mobile: +86 13801919874

www.alcoawheels.com

Innovative Wheel Portfolio

Duro-Bright® wheel
with SUS Technology
For easy maintenance. The only surface treated wheel that cleans evenly with soap and water. No polishing required.

Duro-Flange® wheel
Proven against side flange wear for longer service life under extreme conditions.

Workmaster® wheel
Welded and hot Forging for construction vehicles. Suitable for construction vehicles with maximum loading.

FrontRunner® wheel
Available 120 & 135mm offset. Also suitable for steer and trailer axles.

Light and Medium Duty wheel
We offer a wide range of wheels to suit various duty trucks and buses.

Dura-Bright® wheel
with XBR® Technology
For easy maintenance. The only surface treated wheel that cleans simply with soap and water. No polishing required.

Wide assortment of wheel sizes
From 16" to 24.5" diameter and 5.25" to 17" widths. We follow new trends in the transport industry.

A wide choice of Alcoa forged aluminium wheels is available for all commercial vehicles: trucks, trailers, coaches and buses. From transporting food or dangerous goods; to making trips to construction sites; to plying the roads carrying tourists or passengers, Alcoa makes wheels that will fit your needs.

Lighter   •   Stronger   •   More Economical   •   More Environmentally Friendly

The Alcoa Forged Strength since 1948
The strongest forged aluminium wheels add more value to your operations and keep you in the lead!

Outfit your vehicle with genuine Alcoa advantages
Specify Alcoa forged aluminium wheels by name – the way most truck, trailer, bus and coach manufacturers do worldwide.

For more information, visit www.alcoawheels.com

The Original – Alcoa Genuine Quality - from Start to Finish
No other wheel manufacturer controls the production process as thoroughly as we do.
We manage product quality at every step, from mining top quality bauxite, refining it into alumina, smelting of aluminium, and forging the final high-strength, low-weight wheel.

Email us at asia.cvw.sales@alcoa.com

Alcoa Product Brochure (English) path.indd   1
19/04/2012   10:22 AM
The Alcoa Advantage:

When we, our customers, say Alcoa wheels for the first time, they envision the Alcoa advantage over conventional steel wheels that eventually comprise any significant long-term cost savings. With lightweight and strong performance, the promise of lower emissions, greater fuel efficiency and lower overall maintenance costs.

Every wheel starts as a single block of high-strength corrosion resistant aluminium alloy. Alcoa aluminium products have penetrated almost every industry in modern society. The Alcoa advantage is apparent in more than 120 years of experience in the aluminium industry, constant innovation and development in new products to meet customer needs in customer applications.

Alcoa Forging Process

The Alcoa forging process aligns the grain structure of the aluminium with the shape of the final wheel, resulting in wheels with unexcelled strength. This is the same technology Alcoa used to produce aluminium wheels for M-1 tanks and state-of-the-art aircrafts. Even 300-tonne jumbo jets land on forged aluminium wheels!

• Increased forged strength over conventional wheels
• 5-year unlimited mileage warranty
• Reduces cost of ownership
• Reduced flat tire frequency
• Better grip and handling
• Improves fuel efficiency
• Increased payload and driver comfort
• Reduced CO₂ emissions thanks to lower weight and fuel economy
• Increased resale value

High Strength Test Results

Tests have shown that forged aluminium wheels are much stronger than steel wheels. Ford has estimated that a forged/welded wheel withstands a load of 71,200kg before it breaks, compared to 55,000kg for a steel wheel. In addition, forged Alcoa wheels are 423% stronger than steel wheels. Don’t confuse FORGING process, Alcoa wheels are 423% stronger than steel wheels.

Speciﬁcation Sheet Forged Aluminium Wheels

<table>
<thead>
<tr>
<th>Wheel Size</th>
<th>Part Number</th>
<th>Weight (Kg)</th>
<th>Max. Load (Kg)</th>
<th>Offset (mm)</th>
<th>PCD (mm)</th>
<th>Centre Bore Diameter (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>22.5 x 9.00</td>
<td>895520</td>
<td>24.9</td>
<td>4535</td>
<td>176</td>
<td>153</td>
<td>23 26 8 275 221.1</td>
</tr>
<tr>
<td>22.5 x 8.25</td>
<td>886520</td>
<td>22.7</td>
<td>3650</td>
<td>167</td>
<td>145</td>
<td>22 26 10 335 281.2</td>
</tr>
<tr>
<td>19.5 x 8.25</td>
<td>783470</td>
<td>18.5</td>
<td>3150</td>
<td>167</td>
<td>146</td>
<td>21 24 8 275 221.1</td>
</tr>
<tr>
<td>19.5 x 8.25</td>
<td>783460</td>
<td>18.5</td>
<td>3150</td>
<td>167</td>
<td>146</td>
<td>21 30 8 275 221.1</td>
</tr>
<tr>
<td>19.5 x 7.50</td>
<td>773470</td>
<td>17.7</td>
<td>3000</td>
<td>155</td>
<td>134</td>
<td>21 31 8 275 221.1</td>
</tr>
<tr>
<td>19.5 x 7.50</td>
<td>773460</td>
<td>17.7</td>
<td>3000</td>
<td>155</td>
<td>134</td>
<td>21 31 8 275 221.1</td>
</tr>
<tr>
<td>17.5 x 6.75</td>
<td>663470</td>
<td>13.4</td>
<td>2500</td>
<td>141</td>
<td>120</td>
<td>21 24.75 8 275 221.1</td>
</tr>
<tr>
<td>17.5 x 6.75</td>
<td>660820</td>
<td>14.6</td>
<td>2500</td>
<td>141</td>
<td>120</td>
<td>21 26 6 245 202</td>
</tr>
<tr>
<td>17.5 x 6.00</td>
<td>663200</td>
<td>12.6</td>
<td>2500</td>
<td>133</td>
<td>114</td>
<td>19 26 10 225 176.1</td>
</tr>
<tr>
<td>17.5 x 6.00</td>
<td>663110</td>
<td>13.9</td>
<td>1750</td>
<td>135</td>
<td>116.6</td>
<td>18.4 32.5 6 222.25 164</td>
</tr>
</tbody>
</table>

The Alcoa Advantage:

When we, our customers, say Alcoa wheels for the first time, they envision the Alcoa advantage over conventional steel wheels that eventually comprise any significant long-term cost savings. With lightweight and strong performance, the promise of lower emissions, greater fuel efficiency and lower overall maintenance costs.

Every wheel starts as a single block of high-strength corrosion resistant aluminium alloy. Alcoa aluminium products have penetrated almost every industry in modern society. The Alcoa advantage is apparent in more than 120 years of experience in the aluminium industry, constant innovation and development in new products to meet customer needs in customer applications.

Alcoa Forging Process

The Alcoa forging process aligns the grain structure of the aluminium with the shape of the final wheel, resulting in wheels with unexcelled strength. This is the same technology Alcoa used to produce aluminium wheels for M-1 tanks and state-of-the-art aircrafts. Even 300-tonne jumbo jets land on forged aluminium wheels!

• Increased forged strength over conventional wheels
• 5-year unlimited mileage warranty
• Reduces cost of ownership
• Reduced flat tire frequency
• Better grip and handling
• Improves fuel efficiency
• Increased payload and driver comfort
• Reduced CO₂ emissions thanks to lower weight and fuel economy
• Increased resale value

High Strength Test Results

Tests have shown that forged aluminium wheels are much stronger than steel wheels. Ford has estimated that a forged/welded wheel withstands a load of 71,200kg before it breaks, compared to 55,000kg for a steel wheel. In addition, forged Alcoa wheels are 423% stronger than steel wheels. Don’t confuse FORGING process, Alcoa wheels are 423% stronger than steel wheels.

Speciﬁcation Sheet Forged Aluminium Wheels

<table>
<thead>
<tr>
<th>Wheel Size</th>
<th>Part Number</th>
<th>Weight (Kg)</th>
<th>Max. Load (Kg)</th>
<th>Offset (mm)</th>
<th>PCD (mm)</th>
<th>Centre Bore Diameter (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>22.5 x 9.00</td>
<td>895520</td>
<td>24.9</td>
<td>4535</td>
<td>176</td>
<td>153</td>
<td>23 26 8 275 221.1</td>
</tr>
<tr>
<td>22.5 x 8.25</td>
<td>886520</td>
<td>22.7</td>
<td>3650</td>
<td>167</td>
<td>145</td>
<td>22 26 10 335 281.2</td>
</tr>
<tr>
<td>19.5 x 8.25</td>
<td>783470</td>
<td>18.5</td>
<td>3150</td>
<td>167</td>
<td>146</td>
<td>21 24 8 275 221.1</td>
</tr>
<tr>
<td>19.5 x 8.25</td>
<td>783460</td>
<td>18.5</td>
<td>3150</td>
<td>167</td>
<td>146</td>
<td>21 30 8 275 221.1</td>
</tr>
<tr>
<td>19.5 x 7.50</td>
<td>773470</td>
<td>17.7</td>
<td>3000</td>
<td>155</td>
<td>134</td>
<td>21 31 8 275 221.1</td>
</tr>
<tr>
<td>19.5 x 7.50</td>
<td>773460</td>
<td>17.7</td>
<td>3000</td>
<td>155</td>
<td>134</td>
<td>21 31 8 275 221.1</td>
</tr>
<tr>
<td>17.5 x 6.75</td>
<td>663470</td>
<td>13.4</td>
<td>2500</td>
<td>141</td>
<td>120</td>
<td>21 24.75 8 275 221.1</td>
</tr>
<tr>
<td>17.5 x 6.75</td>
<td>660820</td>
<td>14.6</td>
<td>2500</td>
<td>141</td>
<td>120</td>
<td>21 26 6 245 202</td>
</tr>
<tr>
<td>17.5 x 6.00</td>
<td>663200</td>
<td>12.6</td>
<td>2500</td>
<td>133</td>
<td>114</td>
<td>19 26 10 225 176.1</td>
</tr>
<tr>
<td>17.5 x 6.00</td>
<td>663110</td>
<td>13.9</td>
<td>1750</td>
<td>135</td>
<td>116.6</td>
<td>18.4 32.5 6 222.25 164</td>
</tr>
</tbody>
</table>

The Alcoa Advantage:

When we, our customers, say Alcoa wheels for the first time, they envision the Alcoa advantage over conventional steel wheels that eventually comprise any significant long-term cost savings. With lightweight and strong performance, the promise of lower emissions, greater fuel efficiency and lower overall maintenance costs.

Every wheel starts as a single block of high-strength corrosion resistant aluminium alloy. Alcoa aluminium products have penetrated almost every industry in modern society. The Alcoa advantage is apparent in more than 120 years of experience in the aluminium industry, constant innovation and development in new products to meet customer needs in customer applications.

Alcoa Forging Process

The Alcoa forging process aligns the grain structure of the aluminium with the shape of the final wheel, resulting in wheels with unexcelled strength. This is the same technology Alcoa used to produce aluminium wheels for M-1 tanks and state-of-the-art aircrafts. Even 300-tonne jumbo jets land on forged aluminium wheels!

• Increased forged strength over conventional wheels
• 5-year unlimited mileage warranty
• Reduces cost of ownership
• Reduced flat tire frequency
• Better grip and handling
• Improves fuel efficiency
• Increased payload and driver comfort
• Reduced CO₂ emissions thanks to lower weight and fuel economy
• Increased resale value

High Strength Test Results

Tests have shown that forged aluminium wheels are much stronger than steel wheels. Ford has estimated that a forged/welded wheel withstands a load of 71,200kg before it breaks, compared to 55,000kg for a steel wheel. In addition, forged Alcoa wheels are 423% stronger than steel wheels. Don’t confuse FORGING process, Alcoa wheels are 423% stronger than steel wheels.