

RTA Alesa

Storage systems for bulk materials



We supply the aluminium industry's most economical bulk storage solutions. Our advanced and customised storage, feed and discharge systems deliver unparalleled reliability. They streamline processes, reduce costs and require little maintenance.

We are the world's leading provider of bulk storage technologies in the aluminium industry. Whether storing alumina, petroleum coke or crushed bath, our experienced engineers, scientists and technology professionals shape leading-edge solutions to meet your specific needs.



Leading-edge bulk storage solutions

Our in-depth knowledge of storage, feed and discharge systems evolved over decades. Today customers all over the world rely on our innovative bulk storage technology and cost-effective, process-driven solutions. Stored bulk materials are fluidised for predictable flow during reclaim. We supply feed, reclaim, anti-segregation and blending equipment as well as auxiliary equipment such as elevating pneumatic systems and air gravity conveyors for turnkey storage facilities.

We are certified ISO 9001:2008, ISO 14001:2004 and OHSAS 18001:2007.

Advanced capabilities in bulk storage

Decades of experience and extensive R&D lie at the heart of our advanced capabilities in the design, manufacturing and operation of bulk storage facilities for the aluminium industry.

Our services include basic and detail engineering, equipment selection, fabrication and supply as well as erection supervision, commissioning, start-up assistance and operator training.

As your partner for bulk storage technology, we provide a cost-effective system that requires minimal maintenance and delivers optimal reliability.

The industry's most economical solutions for bulk storage applications

Storage facilities with up to 100,000 tonnes of capacity

State-of-the-art feed and reclaim systems

Specialised expertise in elevating pneumatic systems and air gravity conveyors

Rapid installation

Reliable, low maintenance solutions

Storage system features

Flat bottom design (most economical design)

Side discharge

Fully automatic anti-segregation and blending systems

No moving part in the materials flow

Fully enclosed, dust-free, safe and environmentally friendly operation



RTA Alesa
Max Hoegger Strasse 6
CH-8048 Zurich
Switzerland

T +41 44 435 33 33
F +41 44 435 33 66
Info-RTA-Alesa-ch@riotinto.com

RTA Alesa
150 Rockland Road
Town of Mount Royal
Quebec, Canada H3P 2V9

T +1 514 937 9105
F +1 514 937 0473
Info-RTA-Alesa-ca@riotinto.com

RTA Alesa
Aluminium Pechiney
Route de Biver BP 62
13541 Gardanne Cedex, France

T +33 4 42 65 21 82
F +33 4 42 58 07 93
Info-RTA-Alesa-fr@riotinto.com

Birrus International PTY Ltd
10 Dandenong Street
Dandenong, Victoria 3175
Australia

T +61 3 9769 2646
F +61 3 9769 2535
sales@birrus.com.au