Over the years, this advanced technology has evolved and expanded into many industries. Today our fully enclosed system provides a safe, healthy and sustainable work environment.

Committed to delivering High-value custom solutions, REEL Alesa pioneered dense phase conveying technology for abrasive and difficult products.
Fact sheet
Dense phase conveying system

The pioneer in dense phase conveying technology
We provide customised dense phase conveying solutions to greenfield and existing plants in diverse industries worldwide. Our innovative fully enclosed systems use less air and power, delivering unbeatable economic performance and reliability.

Health, safety and environment (HSE) benefits

Industries and materials
We serve the aluminium, cement, power, mining and minerals, steel and magnesium industries. Materials conveyed include alumina (fresh and reacted), alumina hydrate, fluoride, carbon products, crushed bath, fly ash, iron carbide, copper concentrate, sand, cement, magnesium hydrate, terephthalic acid, limestone and many more.

Compelling benefits
As your technology partner, we provide you with the most economical low maintenance dense phase conveying system on the market today.

Innovative dense phase technology
We go beyond conveying materials to provide fully integrated materials handling technologies that optimise your processes and performance. Our dense phase conveying system consumes less air and transports more material than traditional dilute phase systems. The feed systems use the latest process control technology, reducing air consumption and the size of the compressor and filter unit. Our system can be routed in any direction, horizontally or vertically, making it readily adaptable to both existing plants and greenfield projects.

Proven design
Best economical value due to:
- Reduced air and power consumption
- Lower maintenance costs
- Long lifetime
- Reliable operation

REEL Alesa Ltd
Max Hoegger Strasse 6
CH-8048 Zurich
Switzerland
T +41 44 435 33 33
F +41 44 435 33 66

REEL Alesa Ltd
150 Rockland Road Town of Mount Royal Quebec, Canada H3P 2V9
T +1 514 937 9105
F +1 514 937 0473

REEL Alesa SAS
2580 Rte Départementale 58a
13549 Gardanne Cedex, France
T +33 4 42 99 36 45
F +33 4 42 58 07 93

Birrus International PTY Ltd
10 Dandenong Street
Dandenong, Victoria 3175
Australia
T +61 3 9769 2646
F +61 3 9769 2535

www.reel-alesa.com
© REEL Alesa