

Product datasheet

Mine Shaft Skips

Dependable, safe conveyance solutions to move your mined material up to the surface

Before you can turn your raw materials into profit, you need a way to get them from the mine up to the surface. But more than that, you require ore transportation solutions that are as dependable and safe to operate as they are cost-effective.

Mine Shaft Skips are the preferred method for carrying ore to the surface from deep underground ore zones, but not all skips are the best fit for every application. Drawing from more than 80 years of experience, we offer a complete range of mine shaft skips to ensure you find the right fit for your specific application – so you can be confident you are using the most efficient equipment available to bring your vital materials out of the ground.

Our documented methods and standards, coupled with the latest engineering design technology and renowned FLS quality assurance systems, result in efficient, safe, long-lasting Mine Shaft Skips. Modelling and analysis using the Discrete Element Method for skip flow is available

Key Benefits

- Complete range of skips
- Superior construction and durability
- Multiple materials, plus other options
- Built with proven safety mechanisms

Mine Shaft Skips offering the perfect fit

Whether rope-guided or guided on wood or steel, single-rope drum hoist application, multi-rope Koepe hoist – or whatever your unique mining requirements may be – we can provide the right Mine Shaft Skips for your operation.

Our skips are designed for fast and clean dumping of ores in all types of metal and nonmetal mines.

From 5-tonne capacity to well over 50 tonnes, we offer customised solutions, backed by FLS advisory services, to optimise your production efficiency by maximising payload-to-tare-weight ratios. We also offer skips that serve to transport personnel, designed and built with robust, tried and tested safety mechanisms, so you can operate securely in the knowledge that your resources, materials and people are being kept safe.



Proven technology from experienced manufacturers

Built with superior design and construction, our skips are highly durable, so you will save on repair and maintenance costs.

FLS Mine Shaft Skips are made from high-quality materials and built to exact specifications, so you can keep operating longer between scheduled maintenance downtimes.

Our proven Mine Shaft Skips are available in steel, aluminium, stainless steel and combinations of each. Protective coating and insulation barriers help resist galvanic and chemical corrosion. Multiple chairing, liner and guide roller options are available. And all skips are optionally available with integral man cages or accommodation for trailer cages, with quick-change options.

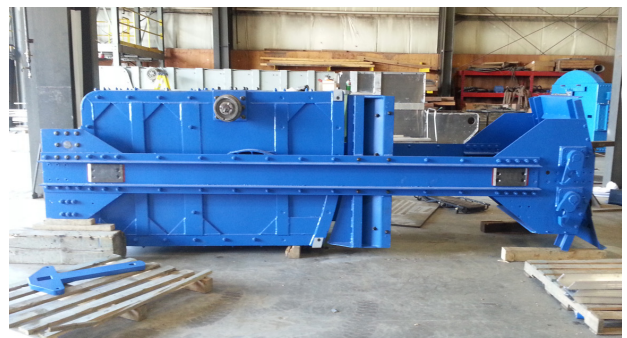
Bottom Dump

- Both light and rugged for medium- to high-capacity requirements
- Well-suited for large, uncrushed muck, as well as wet, sticky material
- Large discharge throat and rapid discharge rates
- Minimal spillage
- Buckets readily swapped for relining without re-roping bail



Kimberley

- No spillage
- Excellent for wet, sticky material
- High payload-to-weight ratio
- Capacity up to 10 tonnes



Rolachute™

- High capacity
- Minimal spillage
- Rapid discharge - door opens immediately over dump lip
- Unibody (bail-less) design possible for maximised volume / capacity and reduced height
- Spring-loaded latching



Ancillary equipment for FLS Mine Shaft Skip

We supply complete ancillaries for our Mine Shaft Skips, including but not limited to:

- Pneumatically and hydraulically retractable and pawl-type chairs
- Guide rollers
- Safety catches
- Catch gear and arrestors
- Overhead canopies
- Underslung platforms
- Integral cage compartments with retractable or removable components
- Chairing devices
- Specialty liners
- Provisions for slung loads
- Hinged bail designs
- Rope attachments



Arc Gate

- Door typically opens / closes within skip envelope
- Unibody (bail-less) design possible for maximised volume, reduced height and efficient payload-to-weight ratio
- Gate begins opening to discharge payload immediately above dump lip

Tailored solutions

When it comes to equipment investments, you need specifically developed solutions that fit your unique operation.

Let us provide you with a customized approach to each application for the best results in safety and productivity.



Alternatives

- Sala, front-dump, incline or alternate skips also available
- Aluminum, steel or alternative construction
- Multiple chairing, liner and guide roller options available
- Integral personnel cages optional (safety device required)
- Trailer cages optional (safety device required)

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