

# Minerals Processing Solutions

Kimberlite  
Russia

- Project type:** Supply of complete processing plant including DMS circuit for diamond recovery.
- Customer:** JSC Alrosa, Yakutia, Russia
- Plant:** Supply of complete processing plant including DMS circuits for diamond recovery.
- Ore:** Kimberlite
- Scope of supply:** Basic & detailed engineering  
Project management  
Equipment supply  
Electrical, Automation & Instrumentation  
On-site training  
Customized documentation and manuals  
Erection and commissioning supervision
- Equipment & process**  
Autogenous Grinding Mills, (3)  
Screens, (33)  
Screening Media  
Flexowell Vertical Conveyors, (13)  
Magnetic Separators, (5)  
Slurry Pumps, (70 of different types and sizes)  
Scrubber  
Steel Structures  
Conveyor Belts, (approx. 40 tons)  
Conveyor Accessories  
Slurry Hoses, (approx. 6000 m of various sizes)  
Chutes and special steel structures, (approx. 300 tons)  
Wear resistant lining material



**Benefits:** Process guarantee for capacity and dense media recovery, which was met. Design in cooperation and mutual consent with the client. On time delivery.

**Comments:** Short project time schedule, 24 months from order to plant take over  
All goods packed and containerized for transport on winter road to Nakyn site. Location in road less land on the Siberian tundra w. temperature differences between summer and winter which are more than 100°C (+35°C – -70°C)

**Year:** 2002 - 2003. CIP delivery to St. Petersburg, Local transport by customer.



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