



- ▶ **PROVIDES OPERATIONAL SAFETY**
- ▶ **REDUCES OPERATIONAL COSTS**
- ▶ **INCREASES PRODUCTIVITY**
- ▶ **REDUCES RESOURCES**



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The Dump Body Exchange System



"Caterpillar selected the system in April 2014 to be included as a Best Practice in the Cat Global Mining Best Practices program."

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What are some benefits for the Mining Maintenance Process?

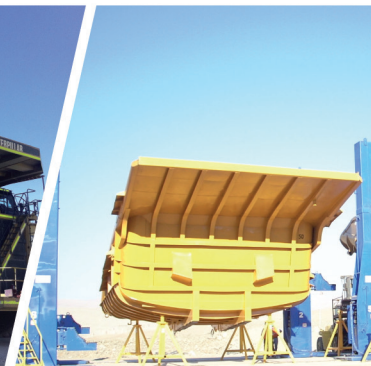
- Increases Equipment Availability
- Provides High Flexibility
- Increases Serviceability and Efficiency

Operational Advantages

Description	Without Dump Body Exchange System	With Dump Body Exchange System
Health & Safety	Higher risk of accidents	Risks tremendously mitigated
Number of operators	Up to 9 operators	3 Operators
Replacement time	33 hrs.	1.5 - 3 hrs.
Method	Suspended load approach	Supported load approach
Weather conditions	Work stops with wind speed over 35 km/hr.	Work does not stop
Dump body lifting	Two cranes	No cranes required
Lowboy waiting costs	Lowboy & associated equipment hire	Additional costs eliminated



Escondida Mine - Chile



El Tesoro Mine - Chile

Currently we are operating in 10 mines across Chile, including BHP Billiton, Anglo American, Antofagasta Minerals S.A., Codelco and FreePort McMoran Copper & Gold.



Chuquicamata Mine - Chile



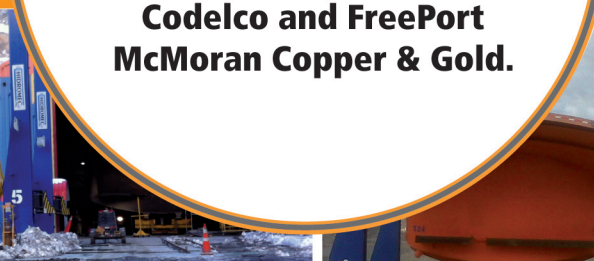
Candelaria Mine - Chile



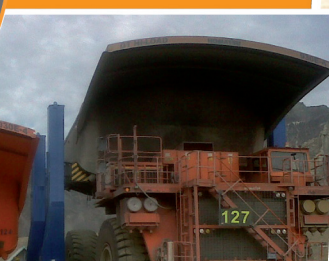
Ministro Hales Mine - Chile



Los Pelambres Mine - Chile



Andina Mine - Chile



El Abra Mine - Chile



El Abra Mine - Chile