

Los Pelambres, Chile

Choapa Province, Coquimbo Region, Chile

Spring, 2020

Los Pelambres mine (AMSA Chile) represents one of the biggest copper reserves in the world and is among the top 5 copper producers in Chile.

Los Pelambres has a history of Almex vulcanizers for their belt installation and replacement since their beginning in 1998. The Almex Sectional Vulcanizer was chosen as the press of choice for their conveyor belt install and splicing then and has continued for 20 years.

In 1998, the Almex sectional Model LHK10D 35178R was acquired from Shaw Almex Industries (Parry Sound, Canada), comprised of 10 platen sets covering a platen area of 351" x 78" (8915 mm x 1980 mm), with an operating pressure of 200 psi (14 kg/cm²) and covering a maximum splice length of 280" (7100 mm) along with corresponding Mark 8 control boxes and HPP20-4 pumps.

The Los Pelambres Overland Conveyor System in 1998 was comprised of two, 1800 mm, ST 7800 and one 1800 mm, ST 4500 conveyor belts which run downhill through a series of tunnel systems over a decline of 1310 meters. The overall length of the system was 12,700 m with the longest section being 5,630 m in length. The conveyor had a full running capacity of 8,700 tons per hour.

In 2010, four the Almex sectional model SVP10P 35178R was acquired from Shaw Almex Chile SpA (with equipment manufactured in Parry Sound, Canada) to replace the conveyor belt. T4P Control boxes along with a custom distribution panel and HPP20-4 pumps rounded out equipment additions. Twenty-four kilometers of belt was replaced, and production increased.

In 2016, Shaw Almex Chile SpA assisted with certified Almex technicians providing repairs, replacement parts and re-certifying the Almex Equipment. This press was also compromised of 10 platen sets covering a platen area of 351" x 78" (8915 mm x 1980 mm), with an operating pressure of 200 psi (14 kg/cm²) and covering a maximum splice length of 280" (7100 mm).

In 2020, Los Pelambres began replacing its 24,000 meters (78,740 ft) of belt in a 3-year project and Almex presses are being repaired and certified as part of that splicing process by Shaw Almex Chile SpA Team.



Almex Group is a Canadian corporation that manufactures conveyor belt vulcanizers, splicing and belt repair adhesive and consumable products and tools, supporting equipment and services and training. Almex Group has 18 strategic locations worldwide and sells into 125 countries. With its financial headquarters in Toronto Canada and global manufacturing anchored by an Atlanta Georgia Campus, the company has centers of excellence for product development and design on six continents.

For more information, email sail@almex.com or call 1-800-977-5423. Please see www.almex.com for details.

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