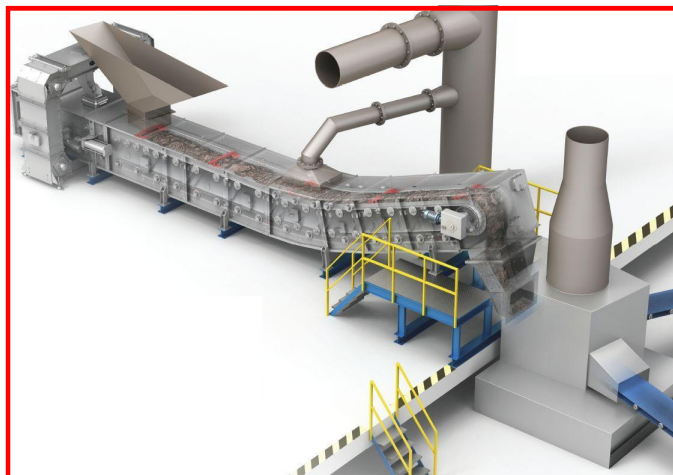


Project: Hot lead sinter transportation**Project Description:**

The Customer installed in the 1990s a Magaldi Superbelt[®] conveyor for hot lead sinter transportation in his lead smelter plant.

The conveyor has been running well for more than 20 years with high satisfaction of the Customer. Nevertheless, Customer and Magaldi met in Australia and identified some areas of further improvement:

- The hot lead sinter, being a toxic material, needs a completely closed conveyor, able to prevent dust dispersion in the environment, ensuring the same reliability of the already installed Superbelt[®].
- The material production of the plant is planned to increase from 100 t/h up to 250 t/h.
- A problem regarding the steam formation had to be solved.

A solution based on the use of the Magaldi Ecobelt[®] conveyor equipped with O-Chain[®] was investigated and found to be the most appropriate to meet the above mentioned Customer requests, maintaining at the same time all the unique benefits, reliability at first, of the existing Superbelt[®] conveyor.

Start-up date: November 2013

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EQUIPMENT DATA:

Center distance:	11.000 mm
Belt Width:	1.200 mm
Belt Installed power:	4 kW
O-Chain [®] installed power:	0.75 kW

PROCESS DATA:

Material:	Hot lead sinter
Capacity:	250 t/h
Temperature:	600 °C - 1112 °F
Grain size:	from fines to 200 mm

