



SHIFTING THE LIMITS

AMAG
AUSTRIA METALL



„Our long-term goal is a carbon-neutral flow of materials. The Fronius devices offer the most advanced technology on the market and are an important factor as far as compliance with the stringent energy efficiency legislation is concerned.“

Dr. Florian Stadler
Head of energy management

/ AMAG Austria Metall GmbH, Austria’s largest aluminium smelter, uses more than 150 electrically powered forklift trucks to handle the internal flow of materials at its production site in Ranshofen. The largest trucks have a load capacity of twelve tonnes, which enables them to transport the huge aluminium plates. To avoid long downtimes, forklift trucks and tractor units in particular are equipped with back-up batteries.

/ Charging of the numerous traction batteries and the associated electricity consumption represents a considerable cost factor for AMAG. To reduce the amount of electricity used by the fleet and comply with the latest energy efficiency legislation, the company opted for innovative battery charging systems from Fronius. With a total efficiency of up to 84 percent, the chargers from the latest generation of Selectiva battery charging systems are considerably more efficient than conventional solutions and their gentle charging process also extends the service life of the expensive traction batteries.

/ AMAG invested in a photovoltaic system with four Fronius inverters back in 2013 with the aim of supplying its intralogistics operation with low cost, sustainable levels of electricity. The combination of the two technologies has resulted in considerable savings for the company. At the same time it ensures that the forklift trucks are always available, even when working under such difficult conditions.



CUSTOMER INFORMATION

Company name	AMAG Austria Metall GmbH
Location and country	Ranshofen, Austria
Sector	Metal & steel industry
Forklift truck brands	Linde, Still, Toyota, Kalmar, Hubtex
Battery brand	Banner
Fronius Portfolio	Batterieladegeräte Selectiva
Accessories	None