

Scrap drying

Product-Information 5



MAPEKO
economical preheating



Scene of operation: wet, cold and icy

Especially in cold and damp climates the MAPEKO scrap drier has proved extremely reliable. Thanks to its special drying technique, problems like included ice or water have become a thing of the past.

MAPEKO scrap driers minimize the danger of hydrogen explosions during scrap charging into the oven or converter.

Further reduction of handling time

A remarkable plus of the MAPEKO scrap drying system is that the scrap stays in its own container.

You clearly reduce your scrap charging time and considerably increase the charging performance of your oven!

A lot more than hot air

Even drying of the scrap requires warm air (whereas the open flame of a single burner would just result in spot heating). A temperature range of 250°C to 400°C has proved to show the best results.

Based on this experience a MAPEKO scrap drier mainly consists of the following parts:

- The burning chamber with burner and additional air blower for air preheating
- Regulating flaps for the warm inlet and outlet air
- The cover lid with hot air guiding tubes
- The steel support structure for the baskets and/or the chutes

MAPEKO scrap driers can be designed for single or various heating positions.