

Furnace Draining

Furnace Draining with complete Water Recycling

600T of glass drained in 32hours using a scraper and cooling tower with only 5Nm³/h fresh water.

Environmental friendly

Easy and quick installation – fast draining

Highest safety standards

Suitable for all furnace designs

Hot glass confined in a restricted place for easy cullet recycling

No glass fines in the sewage System

No hot water in the sewage System

Minimum water loss only refilling the evaporation





The molten glass falls into a jet and is projected with water at very high pressure through the channel. The mixture, hot water/glass, is separated in the scraper. The glass falls into a metallic bay where it can be picked up by a buggy and consequently recycled as cullet. The hot water (+/-98°C) is channelled through various tanks for cooling and decantation. In the last stage, the water passes a cooling tower and finally is pumped back to the jet. The complete closed circuit only needs water to replace the one lost by evaporation, making this system perfect for situations where water availability is scarce.

The Hotwork International System is suitable for all furnace designs and allows very fast furnace drainings with minimum water loss.

The service can include:

ZAC Plate installation

Plugging the hole after draining

Special and dark glass draining

Installation of Cullet Bay in front of scraper

Complete Electrical Setup with own equipment and more.

Swiss Quality and German Reliability complete engineering and supply



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