

Furnace Draining with complete Water Recycling

- 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



Furnace Drain with Complete Water Recycling 600 tons of glass drained in 32 hours using a scraper and a tower.

The molten glass flows into a stream and is sprayed with high-pressure water as it moves through the channel. The mixture of hot water and glass is then separated in the scraper. The glass falls into a metal compartment, where it can be collected and recycled as cullet. The hot water (approximately 98°C) is directed through several tanks for cooling and decantation. In the final stage, the water passes through a cooling tower before being pumped back into the stream. This closed-loop system only requires evaporated water to be replaced, making it an ideal solution in areas with limited water availability



The Hotwork International System is suitable for all furnace designs and enables rapid furnace drainage with minimal water loss. The service may include:

- ZAC plate installation
- Plugging the hole after drainage
- Special and dark glass drainage
- Installation of cullet bay in front of the scraper
- Complete electrical setup with own equipment and more.



Your Best Solution Partner



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