

GANAGLASS

OSCILLATING AUTOMATIC

BATCH CHARGER



**General Glass
Equipment Company**



GENERAL GLASS GANAGLASS

OSCILLATING AUTOMATIC BATCH CHARGER

Low Profile – High Performance

Designed and built to be the most rugged and long lasting charger available on the market today, General Glass' Oscillating Batch Charger incorporates the turntable within the fixed base of the charger to provide utmost flexibility in directional batch charging.

The Ganaglass Oscillating Batch Charger integrates key features of the company's stationary charger to promote improved sealing of the doghouse, reduced wear and ease of service.

A bi-directional linear actuator positions the turntable to provide up to 44° of charging oscillation. Five End Stop and Positioning switches are included within the switch housing of the actuator motor. Each switch is adjustable to allow for asymmetric oscillation and patterned charging.

Flexibility increases since the charging and oscillating motor drives are completely independent. Virtually any batch charging pattern can be achieved when used with the optional Charger Positioning Control System.

Optional cooling water temperature and pressure sensors provide constant monitoring of cooling water with alarms if temperature or pressure limits are exceeded. The monitoring of the cooling water helps prevent water box damage due to over-temperature, over-pressure, or loss of cooling water.

On mild steel units abrasion resistant coatings are available on high wear areas for use in installations with high cullet percentages or oversized cullet.

General Glass also offers a charger cooling skid for installations with unsuitable cooling water supplies. A single cooling skid can be configured to supply adequate water for multiple chargers. The skid utilizes a closed loop system and can be filled with straight water or a 50/50 water glycol mix.

General Glass would enjoy the opportunity to discuss your current project needs and will provide recommendations and detailed installation drawings for side port, end port and unit melter furnaces.

Features:

- ½" stainless steel bottom plates
- 3 HP gear motor
- Single level design
- 44° of oscillation
- Five adjustable positioning sensors
- Centralized lubrication system
- Three (3) independent water boxes
- Internal water channels for greater cooling efficiency
- Heat shields to protect bearings
- Sealed design to reduce NOX intrusion
- Compressed air coupling for emergency cooling
- Variable speed AC or DC motor drives
- Automatic process controls
- Quick disconnects for ease of maintenance
- Fabrication in mild, stainless steel or other alloys
- 2-year warranty on material and workmanship
- Lifetime support

Benefits:

- Lowered energy consumption
- Improved melting capability
- Reduced construction cost
- Precise feed rate control
- Least regard to consistency of batch
- Provides charge velocity into the melter
- Transfer kinetic energy to glass
- Maximize exposure to melting energy
- Minimize heat loss around charger
- Simplified doghouse construction
- Low Total Cost of Ownership

Installation Options:

- Custom hoppers and transition chutes
- Cooling skid for high particulate water installations
- Variety of sizes to suit charging capacities up to 525 tons per day

Controls:

- Pusher positioning and discrete charging
- Batch Master II control panels for multi-charger installations

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General Glass Equipment Company

As the premier supplier of glass manufacturing equipment systems, General Glass Equipment Company boasts an enviable reputation for providing the industry with practical and timely solutions – both in the United States and around the world. Considered standards of the industry, the company's products and services cover virtually every aspect of glass manufacturing, from plant design, construction and project engineering to personnel training and general consultation.

First and foremost, General Glass is an engineering and manufacturing organization with a commitment to excellence that assures customers of superior product performance and profitability. The company is well regarded for its ability to blend technological advancements with experience and expertise achieved during its distinguished history that spans more than 80 years.

Headquartered in southern New Jersey, the company continues in the proud traditions of glassmaking's long and important history in the region where the industry dominated for a century and a half.

Additional information about General Glass is available on the company's web site: www.generalglassequipment.com.



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