



Solutions for Container Glass Production



Pyrotek[®]



Durable Refractory Materials

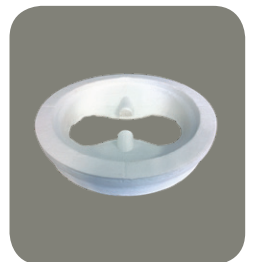
Forehearth

Pyrotek offers a variety of solutions to help ensure increased production, reduced defects and consistent gob forming in the forehearth.

Pyrotek's expendable refractory parts withstand high-temperature environments and thermal shock, heavy wear and corrosion. Specially formulated materials help ensure durability and improve production performance. A variety of other related components are available, such as gob distribution parts.

Refractory and feeder components

- Burner blocks
- Cover blocks
- Orifice rings
- Orifice ring gaskets
- Orifice ring pans
- Plungers
- Shear blades
- Shear blade holders
- Shear spray
- Shear water wands
- Spouts and spout insulation
- Stirrers
- Tubes
- Tube races



Meeting a Need

The production of glass containers is a complex process. The correct materials, equipment and ware handling parts are needed to ensure high-quality containers that are made consistently and defect-free. Pyrotek offers durable engineered components made from a variety of proven materials.

Maintaining an optimal melt-to-pack ratio, where the tonnage of material melted in the furnace matches the number of containers being shipped, is essential. Parts manufactured to exacting tolerances and timely delivery and service are also important factors.

With global resources and local support—more than 60 locations in 35 countries—Pyrotek is your partner for improving productivity in container glass production, from the furnace to the lehr.

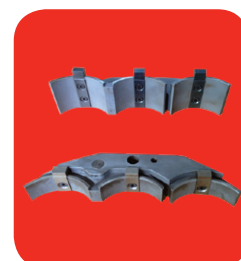
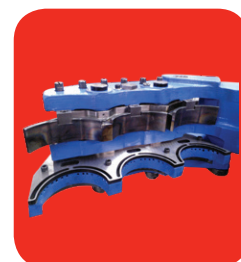
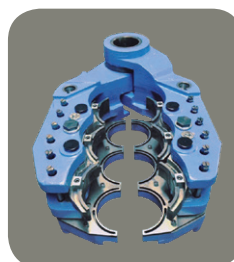
IS Machine Parts

Forming

The closing efficiency and design of IS machine hanger assemblies and components can impact glass container quality and production time. Pyrotek's patented hanger design helps ensure consistent closing pressure, to reduce container seams and defects. A variety of other related components are available.

IS machine components

- Blank hangers
- Blank hardware studs, washers, pins
- Blank inserts
- Blank linkages
- Blank links and pins
- Blank saddle, bushings, bearings, posts
- Cooling wind mechanisms
- Invert arms
- Mould hangers
- Mould hardware pins, washers, bushings
- Mould inserts
- Mould linkages
- Mould links and pins
- Mould saddles
- Plunger adapters
- Plunger clips
- Plunger cylinder caps
- Toggle shafts





Pyrotek Ware Handling Equipment

Cross Conveyor and Servo Stacker

Pyrotek's 9033 series cross conveyor provides a flexible and consistent method to transfer glass containers and present them to the Pyrotek 9000 Servo Stacker, which has proven to be a durable and smooth solution to produce check-free glass containers.

Equipment

- Cross conveyors
- Stacker machines





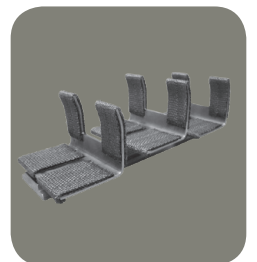
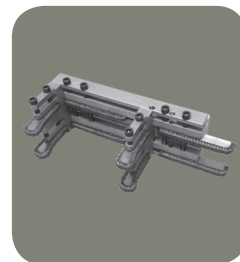
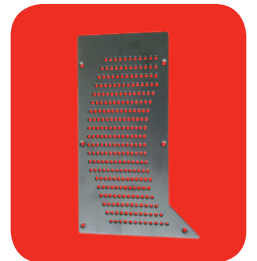
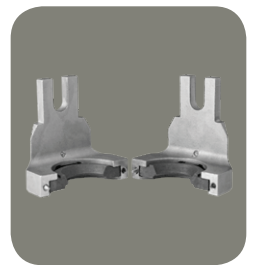
Ware Handling Parts

Ware Handling

Pyrotek conveyor parts and ware handling components feature a variety of durable contact materials that help reduce checks on vulnerable containers.

Ware handling components

- Deadplates
- Flight conveyor wear plates
- Lehr cross transfer plates
- Push-out/sweep-out paddles
- Push-out/sweep-outs
- Stacker bars
- Stacker bar contact materials
- Take-out arms
- Take-out heads
- Take-out holders
- Take-out inserts
- Take-out tong assemblies
- Transfer wheel paddles
- Ware guides



Why Pyrotek?

Pyrotek® is a global engineering leader and innovator of technical solutions and integrated systems design for glass and other industries working with high-temperature materials. Container glass manufacturers worldwide rely on Pyrotek to help them improve product quality and process performance. Pyrotek products and solutions are in use globally in pharmaceutical and cosmetics packaging, tableware and food and beverage production.



Pyrotek®

