

Your vision. Our expertise. The perfect partnership.

#### **GLOBAL HEADQUARTERS**

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#### **Glass Markets Served Worldwide**

Float Glass

**Container Glass** 

Fiberglass

**Tableware** 

PharmaceuticalGlass

**Sodium Silicate** 

**Specialty Glass** 

Pressware

## EPC Project Solutions Clearly Superior Results





### Some Solutions are Clearer than Others



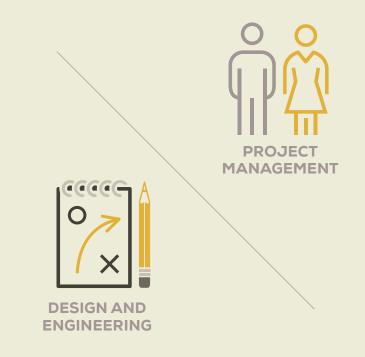
For 75 years, HFT has developed a reputation as a leading EPC contractor to the global glass industry. Whether it's a greenfield glass factory in a far corner of the globe or a major facility reconfiguration just up the road, HFT has consistently delivered quality, efficient, and innovative project solutions. This performance, plus our commitment to customer satisfaction makes us the clear single-source choice to take your next project from concept to completion.



### **HFT Services**



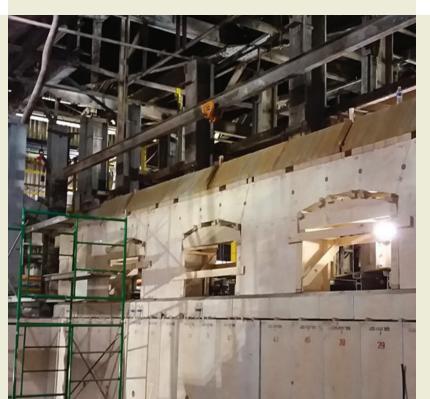
HFT's glass industry legacy, combined with our global construction expertise, allows our team to view each project as a whole, combining site, civil, building and utilities with the glass process line to deliver a comprehensive, fully integrated solution.















HFT brings all aspects of a project into one single source solution, offering fully transparent partnership contract structures, establishing common goals and promoting informed decision making processes that drive stage gate approvals. Our team of experienced glass professionals, coupled with our site, civil and building experience, means that HFT does not stop at the glass production line. Our EPC solutions capture the whole gambit of a project from breaking ground to making glass, promoting a fully integrated and cohesive project.

Long before ground is broke, HFT's feasibility and development team will work exhaustively to provide the appropriate data, recommend building layouts and production line configuration to align with project goals. After the initial production, HFT's technical services team will provide support for years to come, ensuring that asset life, efficiency and value are maximized.





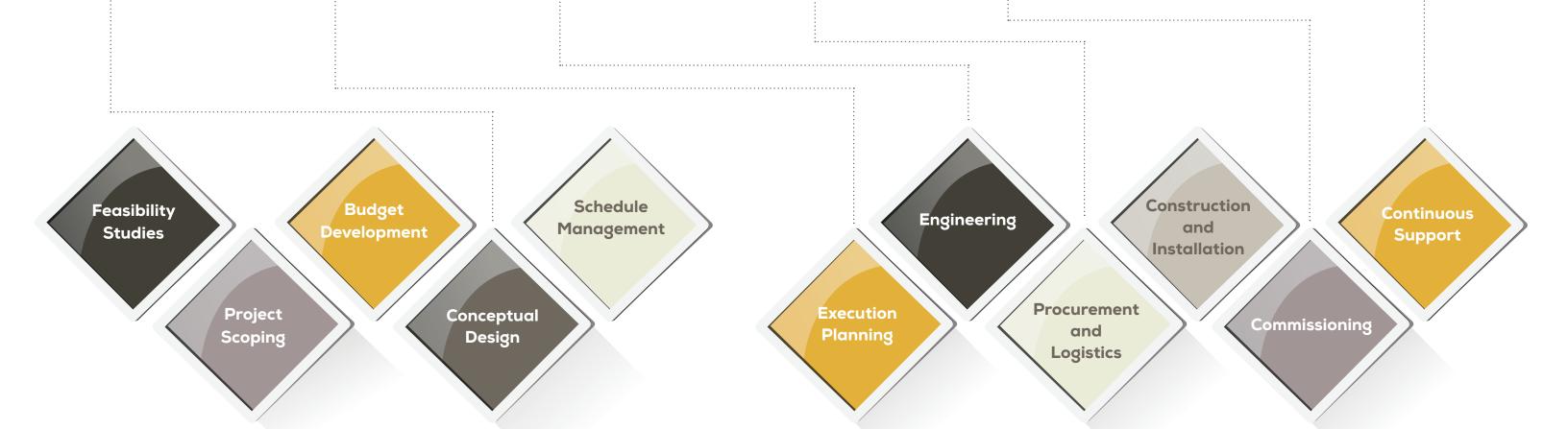






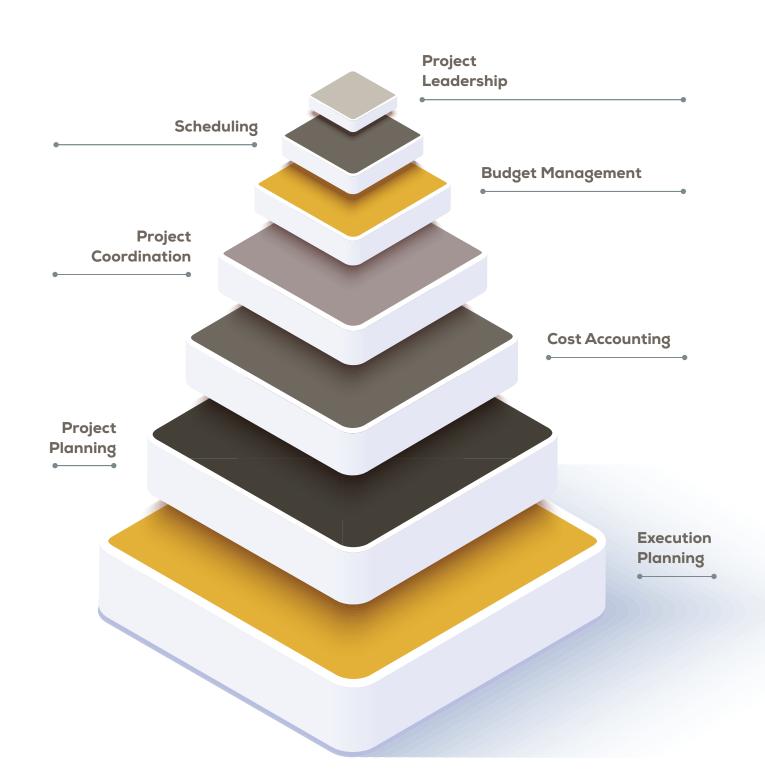






## **Project Management**

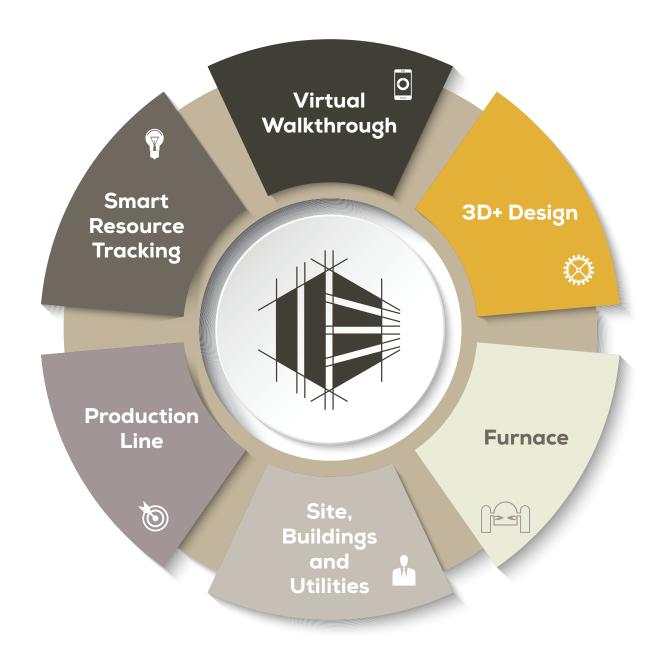
HFT's project management team are seasoned integrators, and as such, have an accomplished track record managing schedule and budget. They work with proven and repeatable processes to deliver consistency in project oversight and controls.

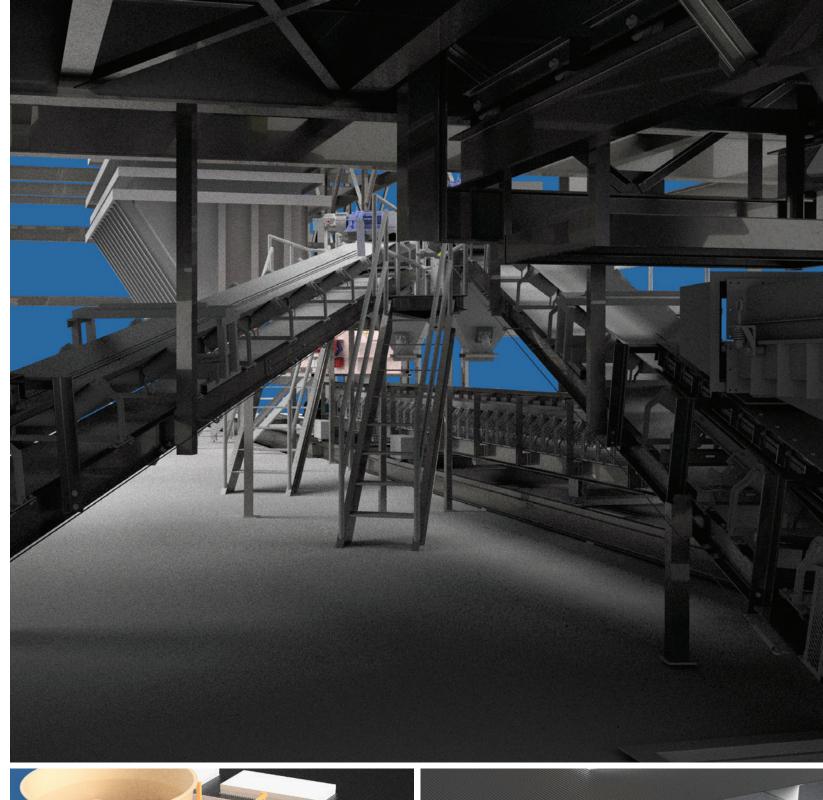


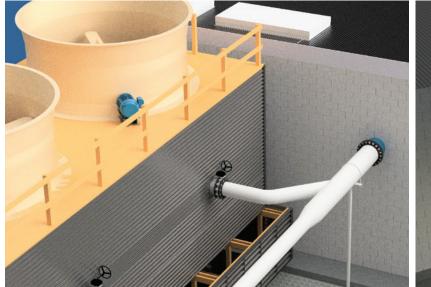


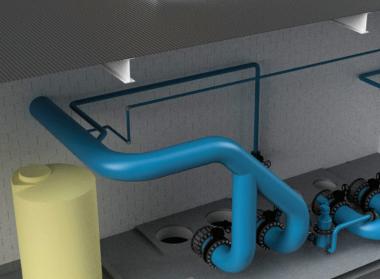
## Design & Engineering

HFT's engineering team utilizes their combined 500+ years of design experience with the latest software to deliver fully customized solutions to meet even the toughest quality and performance demands. Our design and engineering team will maximize value through efficient designs and processes, realizing elegant solutions to deliver performance you can count on.





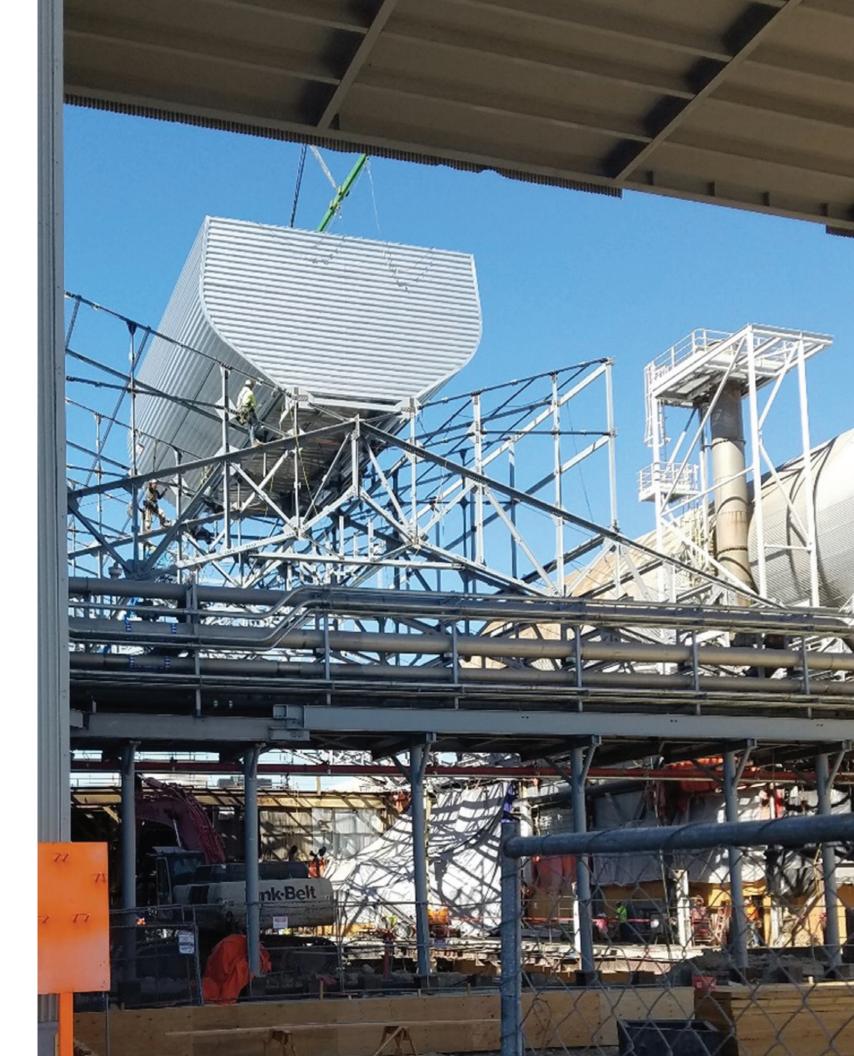




### **Execution**

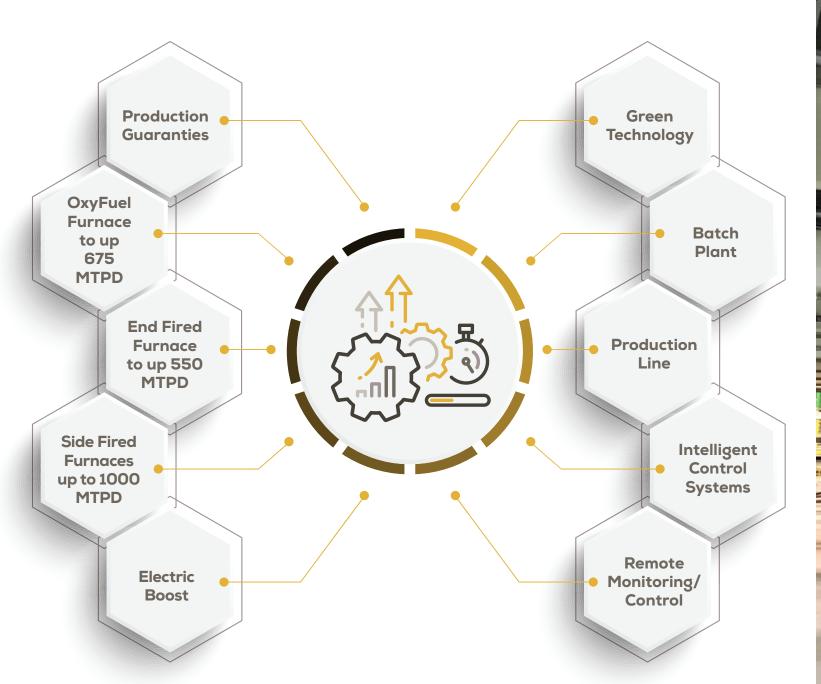
As your project follows the natural flow into execution, HFT's inhouse teams will work exhaustively through procurement, construction, installation and commissioning to deliver on our promise to make your vision a reality. HFT will bring together all trades, including refractory, masonry, structural steel, civil and concrete, electrical controls, mechanical, piping and HVAC, in one, single source coordinated package.

**General Contracting Safety Management Procurement and Logistics Site Development and Civil** Buildings **Production Line Installation Utilities and Infrastructure** Commissioning, Startup and **Production Support** 



# Production & Operations

HFT's production line configurations embody cutting edge innovations and technology to achieve optimal performance and efficiencies, while maximizing plant and equipment longevity. Through a combination of long-term strategic partnerships, as well as in-house furnace, tin bath and lehr designs, HFT is the clear solution for your production line from raw material reception and processing, though melting, forming annealing, inspection and packaging.

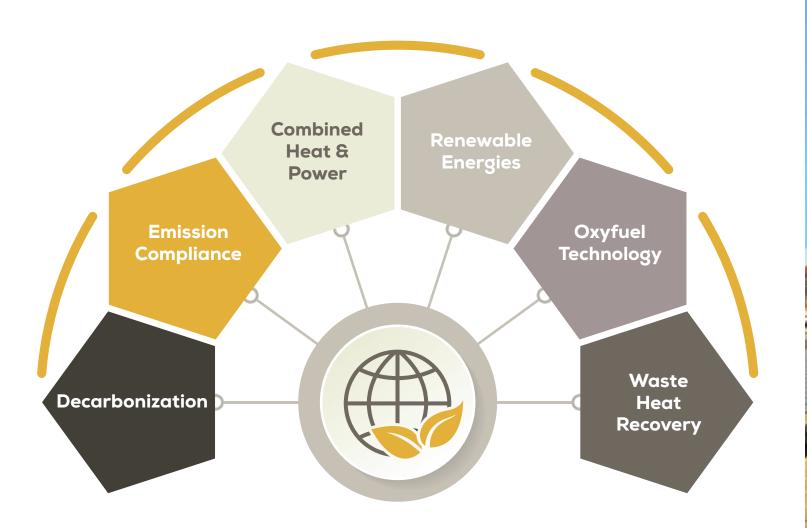






## Sustainability

As pioneers in OxyFuel technology, HFT is synonymous with being on the leading edge of green technology. Leveraging this experience, with a core focus of providing green solutions, HFT can design and build the most efficient and carbon neutral manufacturing facilities to meet the continually evolving emissions requirements.





# HFT'S GLOBAL REACH HFT. H HFT China McMurray, PA HFT St. Croix HFT.