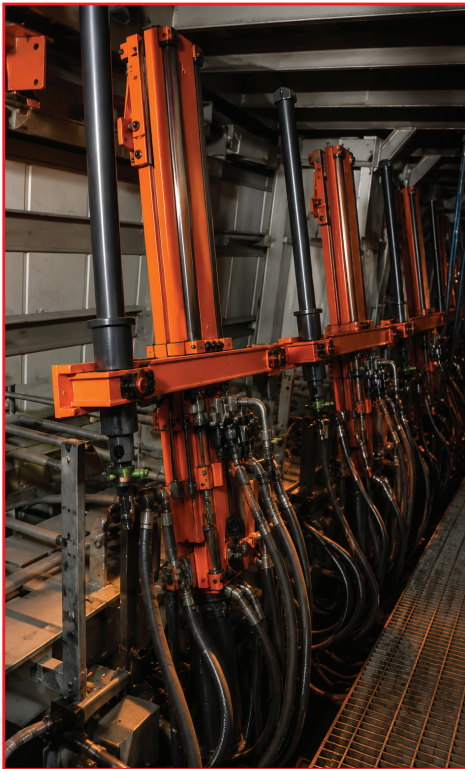


TOROX - Oil Throughport Burner

- Telescopic lance holder and water-cooled lance body
- Flame centered in the port for optimal mixing with combustion air
- High flame thermal efficiency and long service life
- Low NO_x emissions
- Easy installation and simple maintenance



TOROX - Oil Throughport Burner

The TOROX - Oil Throughport Burner has been specifically designed for regenerative glass furnaces, where stable combustion, high temperatures, and continuous production are essential. Its robust construction supports reliable operation, long service life, and consistent performance under demanding furnace conditions. The burner is engineered to position the flame effectively within the port area, improving the mixing of fuel and combustion air. This supports efficient heat transfer, stable combustion, and improved furnace performance. With a controlled and efficient flame, the TOROX - Oil Throughport Burner helps reduce energy losses and supports reliable furnace operation.

The system can be used in different glass furnace layouts, including side-fired and bottom-fired installations, end-fired furnaces, cross-fired furnaces, and float furnaces. Its practical design allows easy access for inspection, cleaning, maintenance, and replacement, helping reduce downtime and supporting smooth production.

A key advantage of the TOROX - Oil Throughport Burner is its movable through-port design. When the burner is not in operation, it can be moved out of the furnace area. This makes it easy to maintain while protecting key components from constant heat exposure, damage, and wear. As a result, the burner supports longer service life and reliable performance over time. Built for harsh glass furnace environments, the TOROX - Oil Throughport Burner combines durable construction, efficient combustion, and simple handling. It is a reliable solution for glass manufacturers looking for stable performance, low maintenance requirements, and long-term operating safety.

Why Choose the TOROX - Oil Throughport Burner?

Because it supports efficient furnace operation through improved fuel and combustion air mixing. This helps create a stable flame, which is important for consistent heat distribution, improved melting performance, and reliable glass production.

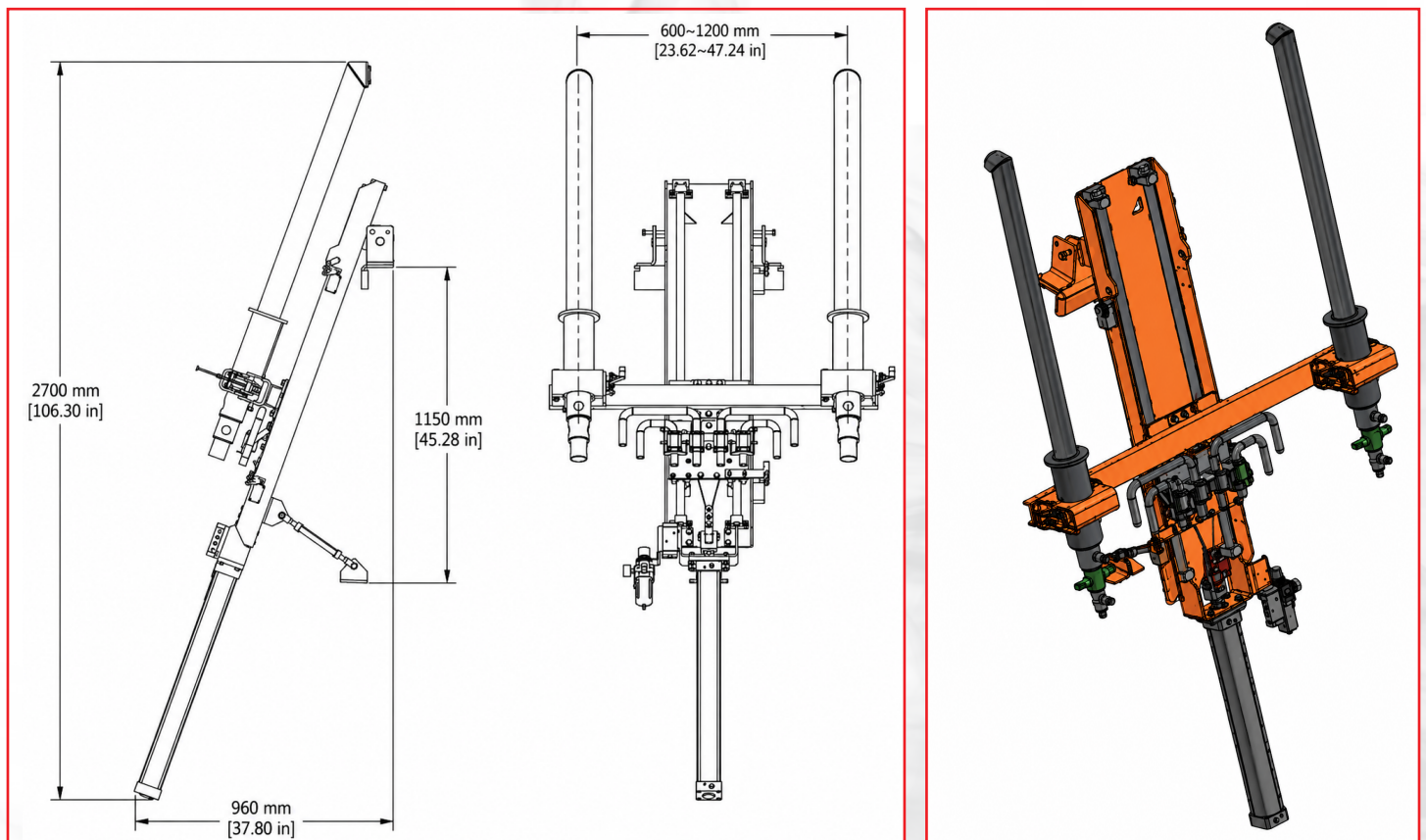


Its automated retractable design simplifies handling during operation and maintenance. The burner is retracted from the furnace when not in use, making inspection, cleaning, and replacement faster and easier. This reduces service effort, limits downtime, and helps protect the burner from unnecessary wear.

Simple Operation and Low Maintenance

The TOROX - Oil Throughport Burner is designed for simple daily operation and low maintenance. Its robust construction helps protect the main components from high temperatures, dirty combustion air, and demanding furnace conditions, reducing the need for frequent service work. Routine checks are straightforward and mainly focus on basic safety and operating conditions. These simple inspections help maintain safe and efficient performance without complex maintenance procedures.

By combining efficient combustion, robust construction, movable handling, and low maintenance requirements, the TOROX - Oil Through-port Burner provides a practical solution for glass manufacturer reduce service efforts, improve operational reliability, reduce downtime, and maintain safe operating conditions. The design makes it a practical solution.



Burner Specification Model

Burner Model	Input Power (MW)	Fuel Oil Flow (L/H)	Fuel Oil Pressure at Burner (bar)	Atomizing Air Flow (Nm ³ /H)	Atomizing Air Pressure (bar)
TX120L2700	0.5 – 32.7	50 – 270	0.5 – 3	30	1 – 3.5
TX120L6000	2.5 – 6.0	250 – 600	0.5 – 3	60	1 – 3.5
TX120L9000	5.0 – 9.0	500 – 900	0.5 – 3	90	1 – 3.5



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