



GTS CONTROLS & ENERGY SYSTEMS PVT. LTD.

Combustion Solutions.
Built for Performance.

RIBBON BURNER

SZ/MZ SERIES

SINGLE & MULTI ZONE LINEAR FLAME RIBBON BURNER

GTS Ribbon Burners are designed for low-temperature industrial heating applications requiring uniform heat distribution, excellent flame stability, and precise combustion control. The burner produces a continuous ribbon flame suitable for ovens, dryers, packaging lines, and heat treatment systems.



KEY FEATURES

- ✓ Capacity: 10 to 70 kW
- ✓ Uniform Heat Distribution
- ✓ Excellent Flame Stability
- ✓ Max. Process Temperature: 400°C
- ✓ Air Pressure: 40 to 60 mbar
- ✓ Fuel Compatibility: LPG/Propane/Natural Gas
- ✓ Wide Turndown Ratio (1:5)
- ✓ Single Zone & Multi Zone Versions
- ✓ Adjustable Air-Gas Ratio.
- ✓ Easy Installation & Maintenance
- ✓ Burner Controller Compatible
- ✓ Solenoid Valve Integration
- ✓ Custom Length and Capacity



UNIFORM
HEATING



EXCELLENT
FLAME STABILITY



PRECISE
COMBUSTION
CONTROL



HIGH TURN
DOWN RANGE



APPLICATIONS

- Air Heating
- Tunnel Oven (Food Oven)
- Brazing & Packaging
- Glass Heat Treatment
- Flame Treatment
- Other Low Temperature Application



PRODUCT DESCRIPTION

GTS SZ Series Ribbon Burner is a high-performance linear gas burner engineered to provide uniform flame distribution and efficient heat transfer for industrial heating applications.

Designed with a precision air-gas mixing system, it delivers excellent flame stability, reliable ignition, and consistent temperature control across the entire heating zone.

The burner is ideal for tunnel ovens, dryers, packaging lines, food processing equipment, textile machinery, and other continuous process heating applications. Its rugged construction, modular design, and low-maintenance operation ensure long service life, high energy efficiency, and dependable performance.

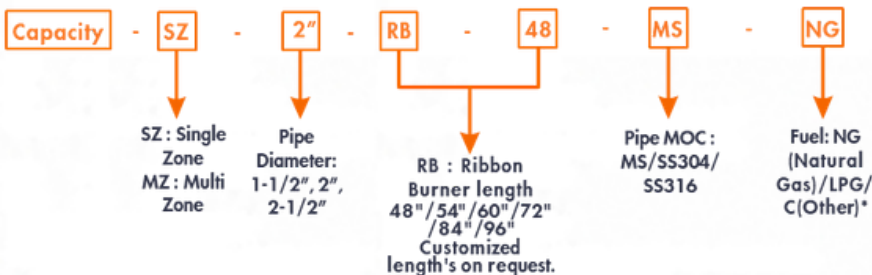


MECHANICAL CONSTRUCTION

COMPONENT	MATERIAL
Burner Pipe	Mild Steel
Burner Pipe (Optional)	AISI 304 / AISI 316
Ribbon Strips	AISI 304
Mounting Flange	Cast Iron/Mild Steel



ORDERING CODE



*Based on Natural Gas with Calorific Value of 8600 Kcal/Nm³, operating in stoichiometric ratio at nominal capacity. Results may differ depending on actual site & operating conditions.

* - For other gases, please provide the composition. to verify and confirm suitability.

**Higher Capacities available on request.

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