



TURBOGAS SYSTEMS • DUCTING

ALBIZZATI S.P.A.

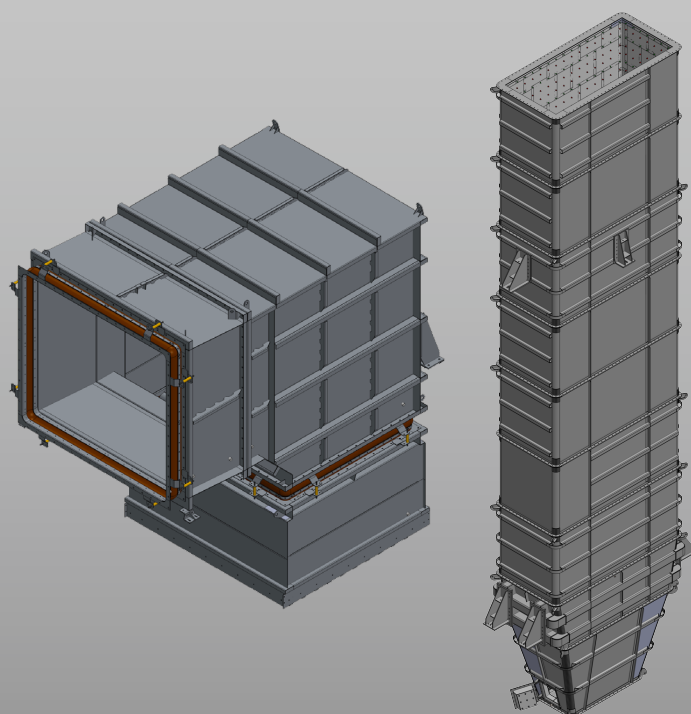
Inlet & exhaust ducts for gas turbines



MAX COMBUSTION AIR FLOW

1,188,000m³ / h

Custom-engineered inlet and exhaust ducting for gas turbines, built in carbon or stainless steel and designed for structural integrity under severe environmental and operating conditions.



* PRODUCT OVERVIEW

Inlet and exhaust ducts are essential to the efficiency of gas turbine installations. Manufactured in carbon or stainless steel and reaching heights of up to 5 metres, these ducts are engineered to withstand demanding ordinary conditions as well as extraordinary events such as sudden temperature changes or external hazards.

Inlet and exhaust ducts and conveyors channel energy from the turbogas intake through to the exhaust, ensuring maximum

system efficiency throughout operation. Each assembly is custom-engineered in accordance with project requirements and site operating conditions.

Inlet & Exhaust Ducts for Gas Turbines

* SPECIFICATIONS

Max combustion air flow

1,188,000 m³/h

Design approach

Custom engineered per project requirements

Max duct height

Up to 5 m

Configuration

Inlet & exhaust ducts and conveyors

* MATERIALS

Carbon Steel	Stainless Steel (INOX)
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* INSTALLATION

Onshore	Offshore
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* ENVIRONMENTAL AND OPERATING CONDITIONS

- Structural design:** Engineered for severe conditions – pressure, temperature, wind and snow loads, seismic actions.
- Onshore & offshore:** Structural and environmental design ensures performance and integrity under all installation conditions.

* TESTING AND QUALITY CONTROL

Fit-up assembly	Dimensional control	NDE – MT Magnetic Testing	NDE – UT Ultrasonic Testing	NDE – RT Radiographic Testing
Liquid Penetrant (LP)	Visual inspection			

* CERTIFICATIONS

ISO 9001:2015	UNI EN ISO 19443	CSA W47.1
A660 CANADIAN STD	ISO 3834-2:2021	EN 13084-7:2012
ISO 45001:2018	UNI EN 1090	U-STAMP ASME