

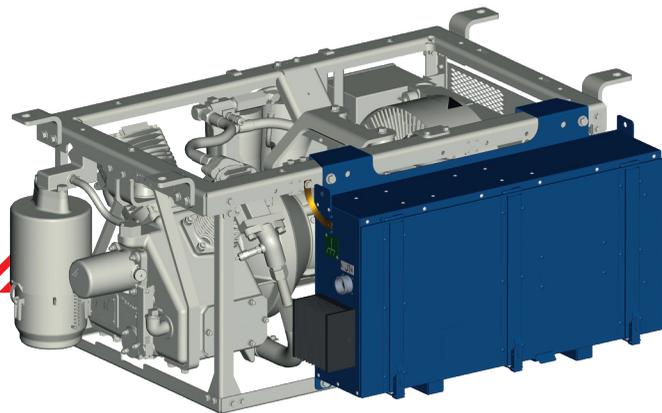


Delivering
the power
as you need



AGTU Inverter

Air Generation and
Treatment Unit Inverter



A very compact solution to take
full control of air generation
over AGTU

This product arose from the combination of two skills: power electronics
& air brakes systems within Faiveley Transport.

Compact Katium® topology

- Dynamic & multi-cell management
- Small transformers for galvanic insulation
- Service proven worldwide

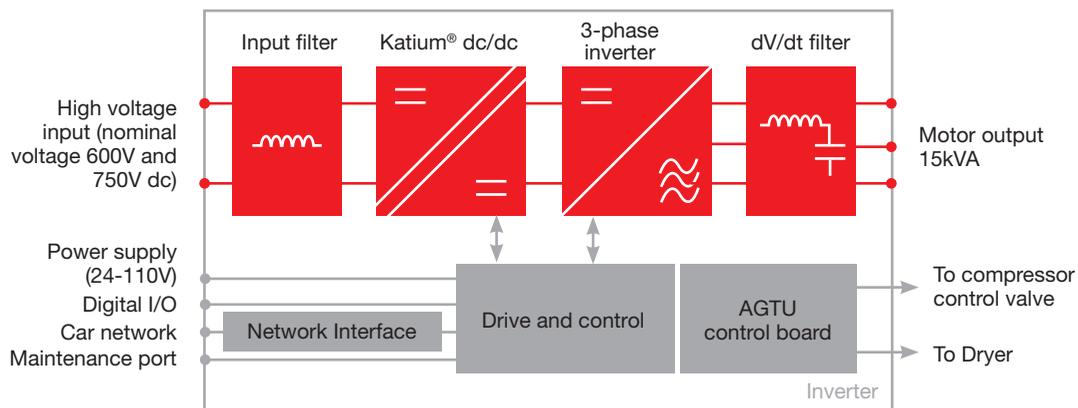
Unique and smart input stage

- Robust against voltage transients
- Stable input currents
- No inrush current in any situation
- Harmonic rejections 50 times better than LC filter



CUSTOMER BENEFITS :

- + Up to 40% volume and weight reduction
- + Effective MTBF of 100,000 hours
- + No need for preventive maintenance
- + High input impedance & low harmonics for safe track signaling



Electrics

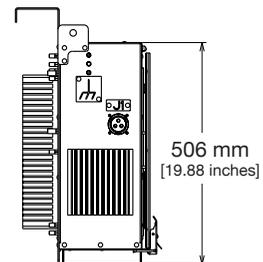
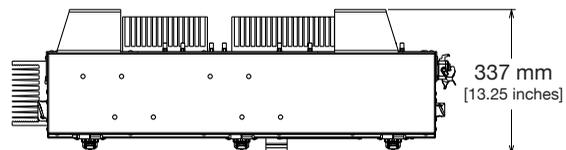
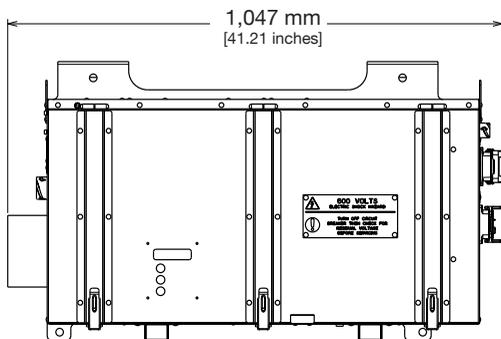
High voltage input range	450Vdc to 1,000Vdc
Nominal output voltage	3-phase 230V 60Hz / 400V 50Hz
Rated power	15kVA
Insulation test voltage	Input to output: 3.5kVAC/1 min Output to ground: 2.5kVAC/1 min
Efficiency	> 95%

Mechanics

Operating temperature	-20° to +70°C [-4 °F to 158 °F]
Cooling	Free air
Weight	80kg [176 lb]
Enclosure	Stainless steel, IP65

General

MTBFS (Mean Time Between Failures in Service)	100,000 hours
Applicable standards	EN / IEC IEEE / ANSI



To discover everything AGTU Inverter can do, contact:

Faveley Transport Tours

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