

## C270TS-9 - 900CFM COMPRESSOR



### DESCRIPTION

The CompAir TurboScrew patented bi-turbo technology makes these compressors outstanding in their class. On average site conditions where the demand varies between idle, part load and full load, the TurboScrew consumes up to **30% less fuel** than most of the conventional compressors on the market. CompAir's TurboScrew compression system is a radical new approach to energy conservation. It uses a Cummins turbo assisted engine powering a CompAir screw compressor unit with the addition of an engine exhaust gas drive turbine, pre-compressing the suction inlet air before it enters the compressor chamber.

### TECHNICAL SPECIFICATIONS

#### Operational Data

Volume flow (m <sup>3</sup> /min)	27
Operating pressure (bar)	9
Compressed air outlet	3 x 3/4" and 1 x 2"

#### Engine

Installed engine power (kW)	228
Engine off load speed (1/min)	1000
Engine full load speed (1/min)	2400
Fuel tank capacity (L)	370

#### Operating Weight<sup>(1)</sup>

Portable compressor: adjustable towbar braked (kg)	3340
Base mount (kg)	3240
Skid mount (kg)	3400

#### Dimensions

Length	5195 - 5440
Width (mm)	1960
Height (mm)	2350
Length of canopy (mm)	3750

#### Sound Level

Power sound level <sup>(2)</sup> dB(A) LWA	100
Pressure sound level <sup>(3)</sup> dB(A) LPA	71

### STANDARD FEATURES

- **Easy Access Side Wing Doors** - Offering excellent accessibility for easy maintenance
- **Cummins QSB 6.7** - Robust 6-cylinder turbo-charged diesel engine with an additionally integrated second turbo-charger for the pre-compression of the inlet air of the compressor
- **Soft Start** - Extends the engine life time by reducing engine stress during start-up and allowing the engine to reach running temperature with the compressor unloaded
- **24 V Electric System** - Ensures sufficient power reserves in case of cold starts and a safe run-up ability.
- **Bolted Single Sheets** - The Steel canopy is mass galvanised and electro-statically coated, offering excellent protection against damage and corrosion. With bolted single sheets, exchange is both quick and easy
- **Small Footprint** - The lightweight TurboScrew compressors can be towed by a vehicle with a maximum towing weight of 3500kg and is great for getting to hard-to-access sites
- **Potential Fuel Saving** - Based on average site running conditions, over lifetime of 10,000 hours, fuel savings of up to 30 % can be achieved when compared with equivalent conventional compressors of this output range. This represents up to 20% of total lifetime costs.

<sup>(1)</sup> Operating weight without options

<sup>(2)</sup> Legal limiting values of EC directive acc. to 2000 / 14 / EC

<sup>(3)</sup> Noise level acc. to PNEUROP PN8NTC2.2 at 7m