

Trailer Type Compressor Combo



DESIGNED FOR TOTAL ACCESSIBILITY AND RELIABILITY

1150 cfm, 350 psi / 900 cfm, 500 psi Combo

Sullair's dual-capacity, dual-pressure 'combo' air compressor is housed in the form-factor of a conventional compressor, providing you with dramatic savings as well as reducing servicing and transportation costs.

The Sullair combo compressor has been developed to meet the needs of demanding drilling and exploration applications. With the unique ability to deliver both high-capacity/ high-pressure (1150 cfm / 350 psig) and lower-capacity/ higher-pressure (900 cfm / 500 psig) compressed air, the Sullair combo removes the need for an additional booster compressor in some instances.

Drill sites are commonly equipped with low-pressure compressors for primary drilling, plus a booster compressor to tackle the more harsher drilling conditions. While a necessity, this method results in wasted resources and costly downtime associated with interchanging compressed air lines and transporting both units to and from site.

Easy Continuous Drilling

The Sullair combo enables continuous drilling. With a simple flick of a switch, the Sullair combo converts from the lower pressure unit to a high pressure unit, allowing the operator to instantly address varying drilling conditions. The ability to make this immediate adaptation greatly assists drillers; with the current demands in the metals and coal industry, drillers will truly enjoy the full benefits this machine has to offer.

The dual functionality of the Sullair combo is founded on Sullair's innovative rotary screw spiral valve air-end. This innovative spiral-valve technology built into the airend controls a precision network of bypass porting within the first stage of the two-stage compressor. By controlling the delivery of air to the rotary screw air-end, the effective rotor length and compression volume is modified, enabling the delivery of compressed air at the selected capacity and pressure.

Powered by a Caterpillar C-15ATAAC diesel engine and enclosed in sturdy sheet metal housing, the Sullair combo boasts several

specialised design features. An ambient cooling unit draws outside ambient air through the compressor via an efficient engine-mounted fan, while a compressor protection circuit monitors temperatures, and coolant and fuel levels.

Like all Sullair products, the Sullair combo is designed and engineered to ensure the superior reliability and performance required for continuous operation in the hot, humid and dusty conditions experienced throughout our region. Unlike competing compressor offerings, the performance specifications of Sullair's compressors are based on continuous operation, not a best-case scenario. This is particularly important in the drilling industry, as the compressors often operate on remote drill sites where breakdowns are crippling and reliability is critical.

SPECIFICATIONS

Delivery @ Rated Pressure	Rated Pressure psig bar	Designated Model psig bar	Weight (wet) lbs kg	Length in mm	Length (drawbar) in mm	Width in mm	Height (canopy) in mm	Track Width in mm	Tire Size (load range)
900/1500cfm 245/543 l/s		500/350 34.5/24	Tri-Axle Mount(DTQ)	16040 7276	240 6096	179 4547	88 2235	92 2337	77 1956
			4-Wheel Mount (DWQ)	15710 7126	244 6198	179 4547	88 2235	99 2515	78 1981

Engine Make	Engine Type	Engine Model	Displacement cu in cc	Cylinders in	Cycles	Bore and Stroke mm	Rated Speed rpm	Rated Power hp kW
Caterpillar	Diesel	C-15ATAAC	928 15.2	6	4	5.40 x 6.7 137 x 171	1800	540 403