

3 Year

WARRANTY
GUARANTEED



APPLIED PDC 105 - Portable Diesel Air Compressor

Flow rate: 2.9 m³/min (105 cfm) **Operating Pressure:** 7 bar (102 psi)

At the core of this air compressor lies the **Opti** airend, driven by a highly reliable **Perkins** engine

www.appliedpi.com



KEY FEATURES – WHY CHOOSE THE APPLIED PDC 105

THE AIR POWER YOU NEED,
WHEN YOU NEED IT



1 Perkins Engine

Equipped with the highly dependable 3-Cylinder Perkins, ensuring maximum fuel efficiency and minimal downtime with this robust and trustworthy engine.



 Perkins

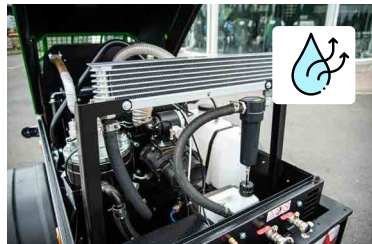
2 Opti Airend

Designed and manufactured in our state-of-the-art European factory, the Opti airend ensures minimal engine power, energy, and fuel consumption.



3 Aftercooler - Moisture-Free Compressed Air

As standard, our air compressors feature a built-in aftercooler with condensate auto-drain, ensuring that compressed air remains dry and moisture-free. This essential feature is perfect for applications such as sandblasting, where optimal performance depends on the absence of moisture.



4 Knott Chassis

Mounted on the German built Knott galvanised trailer chassis, ensuring your air compressor maintains its value with a sturdy foundation and unmatched reliability.



5 Metal Enclosure

Sturdy metal enclosure for long-term protection. Constructed from high-quality steel, our metal enclosure ensures lasting corrosion protection and retains its value over time, thanks to its premium zinc priming and durable powder coating.



6 Air Outlets

Equipped with two 3/4" compressed air connections.



7 Plastic Fuel Tank

Durable 31L plastic fuel tank with clear visibility. Our transparent plastic fuel tank is exceptionally sturdy, offering direct visual level indication and quick contamination checks.



8 Hinged Hood

Easy-Access hinged hood. Equipped with two robust gas struts for easy opening, ensuring maximum accessibility for maintenance.



9 Lifting Eye

The central lifting eye facilitates easy handling by crane, forklift or helicopter, ensuring seamless transportation.



10 Expert Backup Service & Support

We offer expert backup service and support provided by our team of highly qualified compressor experts. Our knowledgeable mechanics and technicians specialise in compressors, ensuring that you receive the best possible assistance. Whether it's routine maintenance, troubleshooting, or advice on optimising performance, our team is here to help.



Typical Applications - Low Pressure Sandblasting - Powering Pneumatic Hammers - Blowing of Optic Cables - Dry Ice Blasting - Spray Painting - Breakers - Blow-out Work - Soil Loosening (Compressed Air Lances)

TECHNICAL SPECIFICATIONS, DIMENSIONS & WEIGHT SHEET

THE AIR POWER YOU NEED,
WHEN YOU NEED IT



Model	Compressor				3-cylinder diesel engine (water-cooled)							
	Flow rate		Working pressure		Make	Model	Rated engine power	Speed at full load	Fuel tank capacity	Operating weight	Sound power level	Compressed air outlet
	m ³ /min	cfm	bar	PSI			kW	rpm	l	kg	db(A)	db(A)
PDC 105	2.9	105	7	102	Perkins	403J-11	18.9	3400	31	501	97	2 x G $\frac{3}{4}$

DIMENSIONS

Version: Fixed tow bar



2800 mm



1340 mm

1225 mm

Version: Stationary



1670 mm



940 mm

1040 mm

Applied Portable Diesel Air Compressors

are engineered to deliver unparalleled performance and reliability.

Powered by renowned brands such as Perkins and Hatz engines and built on robust Knott chassis, our compressors ensure superior quality and durability. Manufactured in Europe to the highest standards using top quality components and parts, these compressors epitomise excellence in every aspect.

These oil-injected compressors combine exceptional performance with a compact design, making them ideal for a variety of applications, including sandblasting, insulation pumping, and more.

Our portable compressors demonstrate their reliability even in the toughest conditions, offering significant cost savings through energy efficiency and low maintenance requirements. Our developers prioritise what matters most: delivering a reliable power supply for every application, in all weather conditions, and for every tool.

Explore our range and discover how Applied Portable Diesel Air Compressors can meet your demands, providing the power and reliability you need to get the job done efficiently and effectively.



Your Local Applied Distributor

Get in touch to discover how
**APPLIED'S PORTABLE
DIESEL AIR COMPRESSORS**
can work for you.

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