



Portable Screw Compressors 5–12 m³/min



PDH76 | PDC120

enough air for everyone

Features and benefits

- All Atmos compressors comply with the European emission standard stage V-.
- The compressors can be configured for all existing applications.
 - Operating pressures from 7 to 14 bar
 - Compressed air quality as required: lubricated, dry and/or oil-free.
 - Available for different ambient temperatures – from Arctic (–40 °C), through cold environment (–20 °C) to continental version (+45 °C)
 - All machines are supplied on trailers from Knott (Germany). We offer different fixed/ height-adjustable and unbraked/braked variants.
 - For installation on trucks, we can supply the compressor on a frame, and for use in mines on skids. All frames also have pockets for forklift trucks.
- Both PDH76 and PDC120 are compact and lightweight. They can be pulled by almost any vehicle, therefore they are attractive to all construction and rental companies.
- Easy maintenance due to easy access to all filters
- Simple, intuitive operation
- Modern controller with display of all current operating data
- Corrosion-resistant canopy, protected against corrosion by electrostatically treated, powder painted sheet metal
- Large diesel tank for one whole shift operation without re-fuelling
- Environmentally-friendly bunded base



Available options

- Aftercooler with condensate separator for dry air
- Heat exchanger, with or without bypass; prevents air from freezing
- Microfilters for oil-free compressed air
- Tool lubricator for lubricated compressed air
- Cold start options down to –40 °C
- Spark arrestor and engine overspeed shut-down valve for use in the petrochemical industry or on offshore rigs
- Switching fuel supply to external diesel tank for 24/7 operations
- Dual pressure switch or outlets with different operating pressures for different applications, (e.g. 7 bar for piercing tools, and 12 bar for FTX cable blowing)
- If you need a different option, please ask us. We'll try to assist you.



Technical parameters

		PDH76	PDC120
Free air delivery	[m ³ /min]	7.6 / 6.5 / 5.9 / 5.5	12 / 11 / 10 / 9.3
Working overpressure	[bar]	7 / 10 / 12 / 14	7 / 10 / 12 / 14
Engine		Hatz 4H50 TICD	Caterpillar 3.6 CRTA
Max. engine speed	[min ⁻¹]	2250	2200
Rated power	[kW]	54.5	100
Standard weight**	[kg]	1140	2450
Fuel tank capacity	[l]	95	180

* The manufacturer reserves the right to change machine parameters without prior notice.

** Standard weight means the operating weight of the machine with standard equipment, it may vary depending on optional equipment.



Co-funded by
the European Union

ATMOS CHRAST s.r.o, Plzeňská 149, 330 03 Chrást, Czech Republic
Phone: +420 377 860 413 | E-mail: info@atmos-chrast.cz | www.atmos-chrast.cz