



PDP15 | PDP20 | PDP28 | PDK33 | PDP35

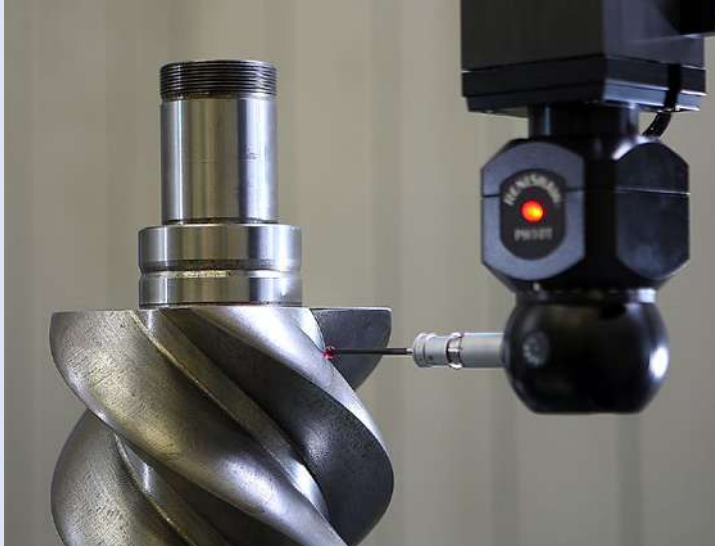
enough air for everyone



EUROPEAN UNION  
European Regional Development Fund  
Operational Programme Enterprise and Innovations for Competitiveness

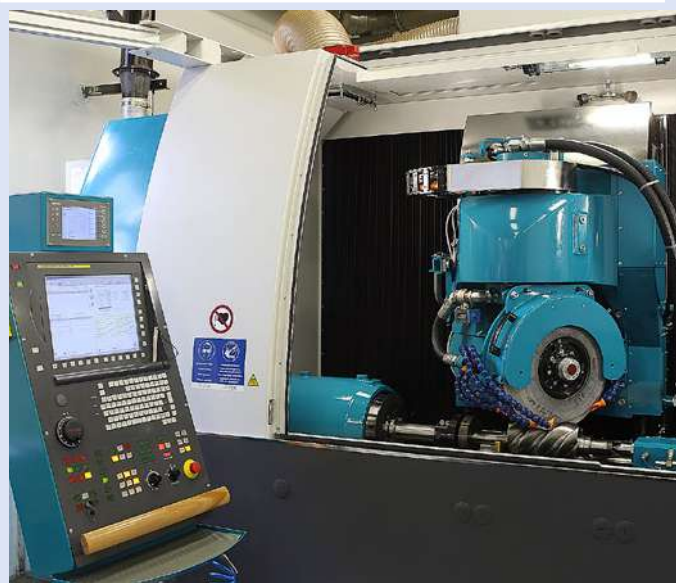
## Tradition in manufacturing

Our Industrial tradition is the cornerstone on which we have built our company. Atmos has been engaged in engineering and production of compressors for more than 110 years. The first compressors which left the assembly line were powered by diesel engines in 1955.



## Atmos own screw Air-ends

- the screw air-end is a key element of every portable compressor
- for more than 30 years Atmos have machined and produced their own air ends in our own factory, precision tolerances in the range 0,001mm are essential when machining air-ends
- our exceptional quality is due to investment in the best machine-tools and co-ordinate measuring machines to check and verify the precision of manufacturing



## Portable compressors PDP, PDK 2–5 m<sup>3</sup>/min





## Designed for extreme conditions



- frosts in Siberian tundra
- startup even during extreme low temperatures ( $-42^{\circ}\text{C}$ ) due to newly developed technologies
- corrosive environment of seaside areas of South America
- extreme temperatures of Arabian peninsula
- filters and separators which are designed specially for dusty environments

## Engines

- diesel engines from renowned leading brands
- established global service network
- exceptional lifetime thanks to correct match of engine and air-end



## Control system

- control system co-ordinates engine rpm according to discharge air
- maximum power optimization, low fuel consumption

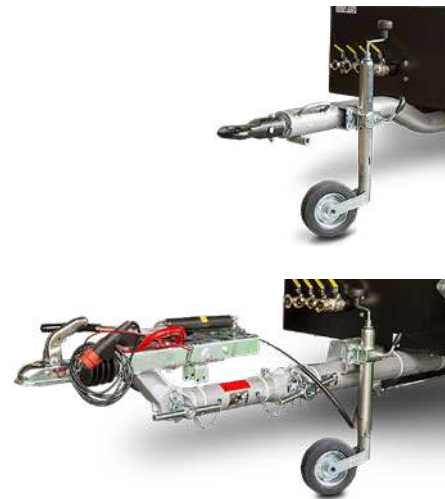
## Optional accessories

- universal appeal and requirement of our products
- wide range of optional and additional accessories



## Optional Accessories

Our compressors can have various versions of undercarriages: fixed unbraked, adjustable unbraked, fixed braked, adjustable braked, skid mounted.



	PDP15	PDP20	PDK33 CE	PDP28	PDK33	PDP35
tool lubricator / лубрикатор инструментов	✓	✓	✓	✓	✓	✓
aftercooler, water trap / охладитель	✗	✓	✗	✓	✗	✓
winter packet / зимний пакет	✗	✗	✓	✓	✓	✓
HA version / работа при высоких температурах	✗	✗	✓	✓	✓	✓
6 kVA gen-set / 6 kVA интегрированный генератор	✗	✗	✗	✓	✗	✓
7 kVA gen-set / 7 kVA интегрированный генератор	✗	✗	✗	✓	✗	✓
towing eye / сцепное кольцо	✓	✓	✓	✓	✓	✓
ball-hitch / подвеска на шару	standard стандартный	standard стандартный	standard стандартный	standard стандартный	standard стандартный	standard стандартный
special colour / специальный цвет	✓	✓	✓	✓	✓	✓
spark arrestor / искрогаситель	✗	✗	✓	✓	✓	✓
DPF filter / сажевый дизельный фильтр	✓	✓	✓	✓	✓	✓
hose reel / катушка для шланга	✗	✓	✓	✓	✓	✓
10 bar version / 10-баровая версия	✗	✓	✓	✓	✓	✓
12 bar version / 12-баровая версия	✗	✗	✓	✓	✓	✓

## Technical parameters

### Технические параметры

		PDP15	PDP20	PDK33 CE	PDP28	PDK33	PDP35
free air delivery номинальная производительность	[m³/min] [м³/мин]	2	2,9 / 2,5	4 / 3,1 / 2,5 / 2,3	4,4 / 3,5 / 2,9 / 2,7	5 / 3,8 / 3,2 / 2,9	5 / 4 / 3,2 / 3
	[cfm]	70	105 / 90	141 / 110 / 88 / 81	155 / 124 / 102 / 95	175 / 135 / 113 / 102	175 / 141 / 113 / 106
working overpressure максимальное давление	[bar] [бар]	7	7 / 10	7 / 10 / 12 / 14	7 / 10 / 12 / 14	7 / 10 / 12 / 14	7 / 10 / 12 / 14
	[psi]	102	102 / 150	100 / 150 / 175 / 200	100 / 150 / 175 / 200	100 / 150 / 175 / 200	100 / 150 / 175 / 200
engine тип двигателя		Perkins 403D-07	Perkins 403D-11	Kubota V1505-T	Perkins 404D-22	Kubota V1505-T	Perkins 404D-22
weight вес	[kg] [кг]	500	690	750	1000	750	1000
engine rated power номинальная мощность	[kW] [кВ]	15,3	21,0	33	35,7	33	35,7
engine rated speed обороты мотора	[rpm]	3200	3400	2500	2400	3000	2600



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