

## Mobile piston compressor with belt drive

### AIRPROFI 703/100/15

Professional compressors with 2-cylinder high-performance unit made of cast iron and maximum equipment



#### Article number ▼

2018735

#### Brand ▼

Aircraft

#### Availability ▼

In stock  
Immediate delivery

#### Catalog directory ▼

Compressed air technology » Piston compressors » Mobile piston compressors » AIRPROFI mobile » AIRPROFI two-stage

#### Purchase ▼


Minimum 2 pc(s).



#### Shipping informations ▼

Packaging Metrics		Weights		Delivery		Other	
Length	1,045 mm	Gross	109 kg	Delivery	Carrier	DualUse	✘
Width	1,120 mm	Net	109 kg	Content	2 pc(s).	SCIP	n/a
Height	510 mm					SVHC	No

#### Root data ▼

Country of origin	EAN	Custom number	Quantity unit
 Austria	9006248010512	84148022	pc(s).

#### Video ▼

[www.youtube.com/watch?v=03uaOou67os](https://www.youtube.com/watch?v=03uaOou67os)



Quality -  
Made in Europe

## Description

- Maximum, robust equipment and best quality at a reasonable price
- Fully automatic on-off operation
- With all safety devices
- Completely ready for connection

### Quality electric motor

- Quality electric motor with high starting torque is equipped with a motor protection switch
- Starting capacitor and starting relief valve ensure easy starting
- Phase inverter as standard for easy manual reversal of the direction of rotation

### Compressed air compression via high-performance HOS unit

- The start-up relief valve ensures easy and pressureless start-up
- The two-cylinder high-performance unit made of gray cast iron and the low speed guarantee particularly quiet and low-vibration running and a long service life
- This ensures an even longer service life due to even less wear and tear
- High-quality compressor with optimum lubrication for a long service life and high reliability
- Equipped with high quality intake filter
- The aftercooler with large cooling fins ensures a low boiler inlet temperature and thus less moisture in the compressed air, which protects the air tools
- Additional intercooler to the aftercooler
- Corrosion-free valve plates for improved heat dissipation and compressor longevity
- The large fan impeller and a cooling air baffle on the cylinder ensure optimum cooling of the compressor
- A sturdy metal belt guard ensures optimum protection of the components and a high level of user safety
- Compressed air supply to the boiler via flexible armored hose line with heat protection prevents vibration breakage

### High quality drive belt

- Powerful and economical drive
- The toothed drive belt facilitates start-up, improves running smoothness and power transmission and reduces power consumption by up to 30%.
- Sturdy metal belt guard

### Operation on the maintenance block

- Equipped with a high-quality CONDOR MDR 5 pressure switch with robust push-button function for fully automatic on-off operation
- Filter pressure regulator for stepless adjustment of the working pressure, with simultaneous separation of dirt, oil and condensation water
- Two large pressure gauges indicate the tank pressure and the working pressure
- Air extraction at the maintenance block via a comfort safety quick coupling
- Only fixed screw connections at the maintenance block, no hose connections

### Two compressed air tapping points

- One compressed air tapping point for filtered compressed air
- One compressed air tapping point via direct outlet on the boiler with ball valve

### Comfort safety coupling - The advantages.

- Comfort safety couplings from AIRCRAFT as the first manufacturer used in series production
- Two separate locking systems for maximum working safety
- Dangerous whipping of the hose line is prevented

Comfortable and safe to transport and set up

- Ergonomically extended handle for comfortable transport in an almost upright position - strain on the back due to lifting is avoided
- Puncture-proof PU foam wheels and stable steering chassis with parking brake allow easy transport
- The parking brake prevents both turning and rolling movement of the wheels and ensures an optimal stand of the compressor
- With practical second transport handle on the boiler, which makes carrying the compressor easier

High quality boiler with durable rust protection

- AIRCRAFT is the first manufacturer to equip the AIRPROFI series compressors with hot-dip galvanized boilers inside and outside as standard
- AIRPROFI series boilers therefore come with a 15-year warranty against rusting through.

## Significant Features ▼



## Media informations ▼



## Technical data ▼





Dimensions and weights			
Length (product) approx.	1275 mm	Width/depth (product) approx.	480 mm
Height (product) approx.	1015 mm	Net weight approx.	109 kg
Electrical Data			
Supply voltage	400 V	Mains frequency	50 Hz
Delivery power	4 kW	Absorbed power	4.81 kW
Noise emission			
Sound power level Lw	94 dB(A)	Explanation sound power level Lw	Sound power level according to DIN EN ISO 3744 (RL 2000/14/EG)

Compressor			
Compressor system	HOS	Suction capacity approx.	575 l/min
Filling capacity approx.	460 l/min	Explanation filling capacity	at 6 bar working pressure
Number of cylinders	2	Number of compressor stages	2
Compressor speed	850 min <sup>-1</sup>		
Compressed air tank			
Maximum pressure	13(15) bar	Pressure vessel capacity	100 l

## Equipment ▼

Pressure regulation	Filter pressure regulator	Automatic pressure switch	CONDOR
Material compressed air line	Flexible armored conduit with heat protection	Compressed air treatment	Filter pressure regulator, mist lubricator
Compressed air outlet	Two comfort safety couplings, one ball valve	Condensate drain	Ball valve
Pressure vessel	Hot-dip galvanized inside and out with fifteen-year warranty against rust-through	AD 2000 compliant	Yes
Compressor base	Two wheels with PU foam tires, two swivel castors with locking brake		

## Accessories ▼

	<b>Mineral oil</b> <b>20W-30, 1 liter bottle</b>		
	<b>Article number</b> <span>▼</span> 2500012	<b>Availability</b> <span>▼</span> In stock Immediate delivery	
	<b>Mineral oil</b> <b>20W-30, 5 l canister</b>		
	<b>Article number</b> <span>▼</span> 2500015	<b>Availability</b> <span>▼</span> In stock Immediate delivery	

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