

MOBILE OIL-FREE COMPRESSORS



Airboy piston compressor 186 OF E – portable compressor for trades

- Universally deployable in domestic and DIY use
- Oil-free piston compressor; removes the need for oil changes and avoids oil in the condensate
- Fully automatic On/Off operation
- Electric motor equipped with soft-start and motor protection switch
- Easy to use and carry
- One pressure gauge each for displaying the tank and working pressure
- Powder coated compressed air vessels

Model		AIRBOY 186 OF E
Art. no.		2001230



Oil-free!

Technical specifications		
Compressor system ⁽¹⁾		WDS
Intake capacity approx.	l/min	180
Fill capacity approx.	l/min	90
Maximum pressure	bar	8
Vessel capacity	l	6
Cylinders/stages		1/1
Rotational speed	rpm	3 400
Sound power level L _{WA} ⁽²⁾	dB(A)	97
Motor Power	kW/V	1.1
Supply voltage	V	230
Dimensions (L x W x H)	mm	315 x 355 x 370
Weight	kg	9.2

(1) For a description of the compressor systems refer to page 14 (2) Sound power level according to DIN EN ISO 3744 (RL 2000/14/EC)



· Easy to use and carry

Piston compressor MOBILBOY 185 OF E – handy trolley model with oil-free air-end for universal deployment up to 10 bar.

Oil-free air-end

- No oil change required
- Best quality of work

User-friendly design

- Compact model and thus mobile and portable
- Rugged plastic wheels and pull-out handle for easy transport
- Practical storage tray integrated into housing
- Compartment for stowing the mains cable



Oil-free!

Fully feature set

- One pressure gauge for working pressure
- One single-handed, quick-action coupling
- Pressure regulator for continuously adjustable setting of the working pressure
- Condensate drain valve on the compressed air tank



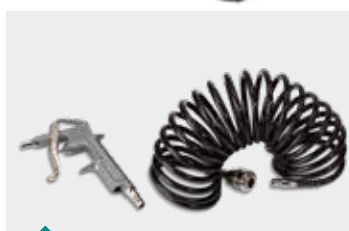
· Rugged plastic wheels and pull-out handle for easy transport



· Compartment for stowing the mains cable



· Condensate drain valve on the compressed air tank



Scope of delivery

- Blow-out gun
- 5 m spiral hose

Model		MOBILBOY 185 OF E
Art. no.		2001240

Technical specifications		
Compressor system ⁽¹⁾		WDS
Intake capacity approx.	l/min	180
Fill capacity approx.	l/min	90
Maximum pressure	bar	10
Vessel capacity	l	5
Cylinders/stages		1/1
Rotational speed	rpm	3 400
Sound power level L _w ⁽²⁾	dB(A)	97
Rating	kW	1.1
Supply voltage	V	230
Dimensions (L x W x H)	mm	320 x 380 x 467
Weight	kg	12

(1) For a description of the compressor systems refer to page 14 (2) Sound power level according to DIN EN ISO 3744 (RL 2000/14/EC)

Mobile oil-free compressors

Airboy Silence 50 PRO – portable compressors for more flexibility in daily use

- ▶ Premium electric motor with high torque
- ▶ Equipped with motor soft-start and motor protection switch
- ▶ Fully automatic On/Off operation
- ▶ Switch and fittings perfectly protected by tubular frame
- ▶ Powder coated compressed air vessels
- ▶ Optimised for a low volume applications such as, e.g., airbrushing work
- ▶ Extremely quiet operation due to the encapsulated design - only 43 dB(A), and thus trouble-free use, e.g., in apartments, offices, etc.
- ▶ The working pressure is infinitely variable via the standard filter pressure regulator with simultaneous separation of dirt, oil and condensate.
- ▶ Rubberised carrier handle prevents slipping

Model		AIRBOY SILENCE 50 PRO
Art. no.		2000100

Technical specifications		
Compressor system		encapsulated
Intake capacity approx.	l/min	50
Fill capacity approx.	l/min	33
Maximum pressure	bar	8
Vessel capacity	l	9
Cylinders/stages		1/1
Rotational speed	rpm	2 900
Sound power level $L_{WA}^{(1)}$	dB(A)	43
Motor Power	W	340
Supply voltage	V	230
Dimensions (L x W x H)	mm	320 x 320 x 480
Weight	kg	21

(1) Sound power level as per DIN EN ISO 3744 (RL 2000/14/EC)



AIRBOY SILENCE 50 PRO



Premium filter pressure regulator for continuous adjustment of the working pressure, with simultaneous dirt, oil and condensate separation

Accessories	Art. no.
Special oil (bottle 0.5 l)	2500016

HANDY E/MOBILBOY E Series – Handy products use at up to 8 bar

- ▶ Universally deployable in domestic and DIY use
- ▶ Fully automatic On/Off operation
- ▶ Electric motor equipped with soft-start and motor protection switch
- ▶ One pressure gauge each for displaying the tank and working pressure
- ▶ Powder coated compressed air vessels
- ▶ Rubber foot or rubber suction pads at front



Oil-free!



HANDY 201 OF E

- ▶ With oil-free WDS compressor⁽¹⁾
- ▶ No oil change required
- ▶ No oil in the compressed air and in the condensate



Oil-free!



Mobilboy 221/24 OF E

- ▶ With oil-free WDS compressor⁽¹⁾
- ▶ No oil change required
- ▶ No oil in the compressed air and in the condensate
- ▶ Plastic wheels at rear

Model		HANDY 201 OF E	Mobilboy 221/24 OF E
Art. no.		2001210	2002222

Technical specifications			
Compressor system ⁽¹⁾		WDS	WDS
Intake capacity approx.	l/min	179	200
Fill capacity approx.	l/min	110	110
Maximum pressure	bar	8	8
Vessel capacity	l	6	24 l
Cylinders/stages		1/1	1/1
Rotational speed	rpm	2 850	2 850
Sound power level $L_{WA}^{(2)}$	dB(A)	91	94
Motor Power	kW/V	1.1 / 230	1.5 / 230
Dimensions (L x W x H)	mm	330 x 255 x 500	570 x 255 x 590
Weight	kg	14.3	19.2

(1) For a description of the compressor systems refer to page 14 (2) Sound power level according to DIN EN ISO 3744 (RL 2000/14/EC) 2000/14/EC)

Mobile oil-free Silent compressors

Airboy SILENCE E series - Handy products use at up to 10 bar

- Universally deployable in domestic, DIY and on-site applications
- Fully automatic On/Off operation
- Electric motor equipped with soft-start and motor protection switch
- One pressure gauge each for displaying the tank and working pressure
- Powder coated compressed air vessels
- Rubber foot or rubber suction pads at front

AIRBOY SILENCE 116 OF E

- Extremely smooth and quiet operation
- Long service life thanks to low speed
- Single-handed quick-release coupling
- Pressure controller
- Oil-free piston compressor; removes the need for oil changes and avoids oil in the condensate

AIRBOY SILENCE 221 OF E

- Extremely smooth and quiet operation
- Single-handed quick-release coupling
- Pressure controller
- Oil-free piston compressor; removes the need for oil changes and avoids oil in the condensate



AIRBOY SILENCE 116 OF E



AIRBOY SILENCE 221 OF E

Model		AIRBOY SILENCE 116 OF E	AIRBOY SILENCE 221 OF E
Art. no.		2001250	2000206

Technical specifications			
Compressor system ⁽¹⁾		WDS	WDS
Intake capacity approx.	l/min	105	221
Fill capacity approx.	l/min	54	120
Maximum pressure	bar	8	8
Vessel capacity	l	6	6
Rotational speed	rpm	1 450	2 800
Sound power level L _{WA} ⁽²⁾	dB(A)	59	67
Motor Power	kW	0.75	0.9
Electrical connection 50 Hz	V	230	230
Dimensions (L x W x H)	mm	384 x 348 x 354	370 x 355 x 330
Weight	kg	15.5	16.4

(1) For a description of the compressor systems refer to page 14 (2) Sound power level according to DIN EN ISO 3744 (RL 2000/14/EC)

AIRBOY SILENCE OF E piston compressors – Handy, oil-free compressors for trades

- Small, compact design
- Extremely smooth and quiet operation
- Long service life thanks to low speed
- Oil-free piston compressor; removes the need for oil changes and avoids oil in the condensate

- Compressed air outlet via a single-handed quick coupling
- Pressure regulator for continuously variable setting of the desired working pressure
- One pressure gauge each for displaying the tank and working pressure

- Electric motor equipped with soft-start and motor protection switch
- Vibration-damping rubber feet
- Rubberised handles prevent slipping during transportation
- Powder coated compressed air vessels



Oil-free!



Very quiet



AIRBOY SILENCE 50 OF E



AIRBOY SILENCE 100 OF E



AIRBOY SILENCE 116 OF E

Model		AIRBOY SILENCE 50 OF E	AIRBOY SILENCE 100 OF E	AIRBOY SILENCE 116 OF E
Art. no.		2000085	2000095	2000150

Technical specifications				
Intake capacity approx.	l/min	49	103	128
Fill capacity approx.	l/min	28	55	60
Maximum pressure	bar	8	8	8
Vessel capacity	l	4	4	8
Rotational speed	rpm	1 400	1 400	1 400
Sound power level L _w ⁽¹⁾	dB(A)	58	60	62
Motor Power	kW	0.26	0.6	0.75
Electrical connection 50 Hz	V	230	230	230
Dimensions (L x W x H)	mm	360 x 355 x 310	405 x 370 x 335	405 x 395 x 355
Weight	kg	11.1	17.7	18.4

(1) Sound power level according to DIN EN ISO 3744 (RL 2000/14/EC)

Mobile oil-free Silent compressors

COMPACT-AIR OF E piston compressor – Handy mobile and oil-free universal compressor

- ▶ Universally deployable in the DIY sector, e.g., for painting work, or sawing work with a general purpose compressed air saw
- ▶ Switch and fittings perfectly protected by tubular frame
- ▶ Practical hose drum holder integrated in the frame
- ▶ Oil-free piston compressor; removes the need for oil changes and avoids oil in the condensate
- ▶ Compressed air outlet via two single-handed quick-action couplings
- ▶ Pressure regulator for continuously variable setting of the desired working pressure
- ▶ One pressure gauge each for displaying the tank and working pressure
- ▶ Electric motor equipped with soft-start and motor protection switch
- ▶ Rugged wheels with solid-rubber tyres and a wide wheelbase for convenient transport, even on uneven surfaces, and stability in upright position
- ▶ Vibration-damping rubber feet
- ▶ Rubberised handles prevent slipping during transportation and fold away to save space
- ▶ Additional handle for convenient carrying of the compressor
- ▶ Powder coated compressed air vessels



• Handle folds away to save space



• Practical integrated hose drum holder (hose drum DST 8/30; Art. No.: 2105830 not included in scope of delivery)



COMPACT-AIR 240/40 V OF E



COMPACT-AIR 320/90 V OF E



COMPACT-AIR 240/20 OF E



COMPACT-AIR 320/24 OF E

Model		COMPACT-AIR 240/40 V OF E	COMPACT-AIR 320/90 V OF E	Compact-Air 240/20 OF E	Compact-Air 320/90 V OF E
Art. no.		2005492	2005497	2005490	2005495

Technical specifications					
Intake capacity approx.	l/min	240	320	240	320
Fill capacity approx.	l/min	140	230	140	230
Maximum pressure	bar	10	10	10	10
Vessel capacity	l	40	90	20	24
Cylinders/stages		2/1	2/1	2/1	2/1
Rotational speed	rpm	1 400	1 400	1 400	1 400
Sound power level $L_w^{(1)}$	dB(A)	72	72	72	72
Motor Power	kW	1.38	1.55	1.38	2.1
Electrical connection 50 Hz	V	230	230	230	230
Dimensions (L x W x H)	mm	435 x 390 x 800	420 x 415 x 1 200	785 x 510 x 475	800 x 585 x 535
Weight	kg	39	69.0	41.4	54.0

(1) Sound power level according to DIN EN ISO 3744 (RL 2000/14/EC) 2000/14/EC)

MOBILBOY SILENCE OF E piston compressor – the mobile, oil-free compressor for private users and trades

- ▶ Extremely smooth operation and thus very quiet
- ▶ Oil-free piston compressor; no oil changes required and no oil in the condensate - best working quality with a long service life of the pneumatic tools at the same time
- ▶ Pressure regulator for continuously variable setting of the desired working pressure
- ▶ High-quality CONDOR pressure switch
- ▶ Electric motor equipped with soft-start and motor protection switch
- ▶ Fully automatic On/Off operation
- ▶ One pressure gauge each for displaying the tank and working pressure
- ▶ Powder coated compressed air vessels



Equipped with Condor MDR 1 pressure switch



Oil-free!



MOBILBOY SILENCE 241/50 OF E



Oil-free!



Very quiet



Oil-free!



MOBILBOY SILENCE 320/90 OF E

MOBILBOY SILENCE 131/24 OF E

Equipment level	Mobilboy Silence 131/24 OF E	Mobilboy Silence 241/50 OF E	Mobilboy Silence 320/90 OF E
Pressure regulator	X	X	
Filter pressure regulator			X
CONDOR	X	X	X
Flexible armoured hose with heat protection	X	X	X
Powder coated compressed air vessels	X	X	X
One single-handed, quick-action coupling	X	X	X
Two wheels with full-rubber tyres, rubber block support	X	X	
Two wheels with full-rubber tyres, one guide roller			X

Model	MOBILBOY SILENCE 131/24 OF E	MOBILBOY SILENCE 241/50 OF E	MOBILBOY SILENCE 320/90 OF E
Art. no.	2002315	2002325	2002339

Technical specifications				
Intake capacity approx.	l/min	128	240	320
Fill capacity at 6 bar approx.	l/min	60	140	230
Maximum pressure	bar	8	10	10
Vessel capacity	l	24	50	90
Cylinders/stages			2 / 1	
Rotational speed	rpm		1 400	
Sound power level $L_w^{(1)}$	dB(A)	62	72	74
Motor Power	kW	0.73	1.38	1.55
Electrical connection 50 Hz	V		230	
Dimensions (L x W x H)	mm	555 x 355 x 575	710 x 410 x 730	980 x 470 x 880
Weight	kg	22	40.5	77

(1) Sound power level according to DIN EN ISO 3744 (RL 2000/14/EC)2000/14/EC)

OIL-FREE HIGH-PERFORMANCE COMPRESSORS



AIRPROFI OF PRO piston compressor –

Mobile piston compressor with oil-free, direct-drive V power unit

- ▶ Developed for demanding, continuous use wherever oil-free and clean compressed air is required
- ▶ Air is blown by a fan through the cylinder's cooling chambers to achieve optimum cooling
- ▶ **Large piston, movably mounted on bearings, thus achieving up to 60 % improved performance compared with tilt piston systems**
- ▶ Cylinder faces with high-precision and micro smooth surface to ensure minimum friction
- ▶ The high-performance piston and/or piston ring made of a special mixture of graphite, Teflon and carbon has a substantially longer lifetime than a simple Teflon piston ring

Premium, maximum feature set

- ▶ Premium filter pressure regulator for continuous adjustment of the working pressure, with simultaneous dirt, oil and condensate separation
- ▶ One compressed air outlet each for filtered compressed air, filtered and oiled compressed air and a compressed air direct outlet on the compressed-air tank
- ▶ Two single-handed safety couplings
- ▶ High-quality CONDOR pressure switch
- ▶ One pressure gauge each for the tank pressure and working pressure
- ▶ Condensate easy to drain via ball valve

Compressed air lines and vessels with a long service life

- ▶ Flexible armoured hose with heat protection prevents vibration breaks
- ▶ Interior and exterior of compressed air tank hot galvanised and corrosion protected with 15-year warranty against corrosion perforation

Single-handed safety couplings

- ▶ AIRCRAFT is the first manufacturer to use single-handed safety couplings as per DIN EN 983 as standard
- ▶ Two separate locking systems for maximum working safety
- ▶ Avoids hose line backlash on uncoupling

Convenient to transport

- ▶ Avoids back problems due to transport in upright posture and without lifting
- ▶ A further transport handle is available directly on the tank
- ▶ Large, puncture-proof wheels
- ▶ Rugged steering chassis with parking brake

ZÜS approved compressor

- ▶ Approval by an authorised expert also possible prior to commissioning



- Smooth-action, oil-free V power unit
- No need for oil changes and no oil in the condensate
- Long service life thanks to low speed
- Extremely quiet



- Puncture-proof, generously dimensioned wheels
- Avoids flat tyres without compromising on convenience



AIRPROFI 220/50 OF PRO



AIRPROFI 440/50 OF PRO



AIRPROFI 440/100 OF PRO

Model		Airprofi 220/50 OF PRO	Airprofi 440/50 OF PRO	Airprofi 440/100 OF PRO
Art. no.		2015225	2015445	2015446
Technical specifications				
Intake capacity approx.	l/min	220	440	440
Fill capacity at 6 bar approx.	l/min	134	267	267
Maximum pressure	bar	10	10	10
Vessel capacity	l	50	50	100
Cylinders/stages		2 / 1	4 / 1	4 / 1
Rotational speed	rpm	1 400	1 400	1 400
Sound pressure level L _p (1)	dB(A)	70	70	70
Motor Power	kW	1.1	1.7	1.7
Electrical connection 50 Hz	V	230	400	400
Dimensions (L x W x H)	mm	1 080 x 450 x 860	1 080 x 450 x 860	1 260 x 490 x 970
Weight	kg	62	78	91

Equipment level
Filter pressure regulator
Automatic CONDOR pressure switch
Flexible armoured hose with heat protection
Filter pressure regulator, oil mist lubricator
Two single-handed safety couplings, one ball valve
Two large, puncture-proof wheels, two steering rollers with parking brake

*Warranty terms on www.stuermer-maschinen.de or request from Stürmer Maschinen GmbH
(1) Sound pressure level at 1 m distance as per DIN 45635 T 13

AIRPROFI OF PRO series

AIRPROFI OF PRO piston compressor –

Mobile piston compressor with oil-free, direct-drive V power unit

- ▶ Developed for demanding, continuous use wherever oil-free and clean compressed air is required
- ▶ Air is blown by a fan through the cylinder's cooling chambers to achieve optimum cooling
- ▶ **Large piston, movably mounted on bearings, thus achieving up to 60 % improved performance compared with tilt piston systems**
- ▶ Cylinder faces with high-precision and micro smooth surface to ensure minimum friction
- ▶ The high-performance piston and/or piston ring made of a special mixture of graphite, Teflon and carbon has a substantially longer lifetime than a simple Teflon piston ring

Compressed air lines and vessels with a long service life

- ▶ Flexible armoured hose with heat protection prevents vibration breaks
- ▶ Interior and exterior of compressed air tank hot galvanised and corrosion protected with 15-year warranty against corrosion perforation



Single-handed safety couplings

- ▶ AIRCRAFT is the first manufacturer to use single-handed safety couplings as per DIN EN 983 as standard
- ▶ Two separate locking systems for maximum working safety
- ▶ Avoids hose line backlash on uncoupling

Convenient to transport

- ▶ Avoids back problems due to transport in upright posture and without lifting
- ▶ A further transport handle is available directly on the tank
- ▶ Large, puncture-proof wheels

ZÜS approved compressor

- ▶ Approval by an authorised expert also possible prior to commissioning

Immediately ready for use

- ▶ Fully automatic On/Off operation
- ▶ Equipped with all safety devices
- ▶ Complete and ready to connect



- Smooth-action, oil-free V power unit
- No need for oil changes and no oil in the condensate
- Long service life thanks to low speed
- Extremely quiet



Premium, maximum feature set

- Premium filter pressure regulator for continuous adjustment of the working pressure, with simultaneous dirt, oil and condensate separation
- One compressed air outlet each for filtered compressed air, filtered and oiled compressed air and a compressed air direct outlet on the compressed-air tank
- Two single-handed safety couplings
- High-quality CONDOR pressure switch
- One pressure gauge each for the tank pressure and working pressure
- Condensate easy to drain via ball valve



Equipment level

Filter pressure regulator
Automatic CONDOR pressure switch
Flexible armoured hose with heat protection
Filter pressure regulator, oil mist lubricator
Two single-handed safety couplings, one ball valve
Two large, puncture-proof wheels

Model		Airprofi 440/90 OF PRO
Art. no.		2015448
Technical specifications		
Intake capacity approx.	l/min	440
Fill capacity at 6 bar approx.	l/min	267
Maximum pressure	bar	10
Vessel capacity	l	90
Cylinders/stages		4 / 1
Rotational speed	rpm	1 400
Sound pressure level L _p ⁽¹⁾	dB(A)	70
Motor Power	kW	1.7
Electrical connection 50 Hz	V	400
Dimensions (L x W x H)	mm	600 x 600 x 1 070
Weight	kg	78

* Warranty terms on www.stuermer-maschinen.de or request from Stürmer Maschinen GmbH
(1) Sound pressure level at 1 m distance as per DIN 45635 T 13

COMPACT-AIR OF PRO piston compressor – powerful, universally deployable compressor with a compact design and all-round protection

Compact trolley design for convenient transportation. Perfectly suited for daily on-site applications thanks to all-round protection. All parts exposed to risk during transportation are optimally protected.

Smooth-action, oil-free V power unit

- ▶ No need for oil changes and no oil in the condensate
- ▶ Long service life thanks to low speed
- ▶ Very smooth action and totally quiet
- ▶ Premium coating of cylinder running surfaces and pistons for long service life
- ▶ Air is blown by a fan through the cylinder's cooling chambers to achieve optimum cooling

Premium, maximum feature set

- ▶ Premium filter pressure regulator for continuous adjustment of the working pressure, with simultaneous dirt, and condensate separation
- ▶ Oil mist lubricator for a metred lubrication of the tools
- ▶ One compressed air outlet each for filtered compressed air, filtered and oiled compressed air and a compressed air direct outlet from the tank

- ▶ High-quality CONDOR pressure switch
- ▶ Powder-coated Compressed air vessels
- ▶ One pressure gauge each for the tank pressure and working pressure
- ▶ Includes protected hose and cable hooks on the inside as standard
- ▶ Premium electric motor with high torque and motor circuit breaker

Tool tray

- ▶ The tool tray positioned above the compressor protects it additionally during transportation
- ▶ And the tray is the perfect place to deposit your tools
- ▶ Suitable for standard system containers by all major power tool manufacturers, such as Makita, Festool, Mafell, etc.

Convenient to transport and stable in upright position

- ▶ Can be transported up or down a staircase by one person thanks to optimum chassis geometry
- ▶ Easy to tilt and move without strain on the user's back
- ▶ Large, puncture-proof wheels with a wide wheelbase

Compressed air lines and vessels with a long service life

- ▶ Flexible armoured hose with heat protection prevents vibration breaks



Compact-Air 220 OF PRO



Compact-Air 440 OF PRO

Equipment level

Filter pressure regulator
Automatic CONDOR pressure switch
Flexible armoured hose with heat protection
Filter pressure regulator, oil mist lubricator
Three premium, quick-action couplings
Two large, puncture-proof wheels, two steering rollers with parking brake

Model		Compact-Air 220 OF PRO	Compact-Air 440 OF PRO
Art. no.		2015540	2015550
Technical specifications			
Intake capacity approx.	l/min	220	440
Fill capacity at 6 bar approx.	l/min	134	267
Maximum pressure	bar		10
Vessel capacity	l		50
Cylinders/stages		2 / 1	4 / 1
Rotational speed	rpm		1 400
Sound pressure level L _p (1)	dB(A)		70
Motor Power	kW	1.1	1.7
Electrical connection 50 Hz	V	230	400
Dimensions (L x W x H)	mm	590 x 620 x 960	
Weight	kg	59	71

(1) Sound pressure level at a distance of 1 m as per DIN 45635 T 13



- Smooth-action, oil-free V power unit
- No need for oil changes and no oil in the condensate
- Long service life thanks to low speed
- Extremely quiet



- Premium filter pressure regulator for continuous adjustment of the working pressure, with simultaneous dirt, oil and condensate separation
- One pressure gauge each for the tank pressure and working pressure
- One compressed air outlet each for filtered and filtered/oiled compressed air and a direct outlet from the tank
- Three premium, quick-action couplings
- High-quality CONDOR pressure switch



- Large, puncture-proof wheels
- Avoids flat tyres without compromising on convenience

AIRCAR OF PRO series

AIRCAR OF PRO piston compressor – powerful, mobile compressed air centre with practical details in a compact format for professional use

For building and trade applications, e.g., in the workshop, or for interior construction work and building shell construction. The frame provides space for storing tools as well as all-round protection for the various sensitive components. There are no components in the base area that could be damaged during tilting or transport.

- ▶ Developed for demanding, continuous use wherever oil-free and clean compressed air is required
- ▶ Air is blown by a fan through the cylinder's cooling chambers to achieve optimum cooling
- ▶ **Large piston, movably mounted on bearings, thus achieving up to 60 % improved performance compared with tilt piston systems**
- ▶ Cylinder faces with high-precision and micro smooth surface to ensure minimum friction
- ▶ The high-performance piston and/or piston

ring made of a special mixture of graphite, Teflon and carbon has a substantially longer lifetime than a simple Teflon piston ring

Premium, maximum feature set

- ▶ Premium filter pressure regulator for continuous adjustment of the working pressure, with simultaneous dirt, and condensate separation
- ▶ Oil mist lubricator for a metred lubrication of the tools
- ▶ One compressed air outlet each for filtered compressed air, filtered and oiled compressed air and a compressed air direct outlet from the tank
- ▶ High-quality CONDOR pressure switch
- ▶ One pressure gauge each for the tank pressure and working pressure
- ▶ Supplied with a protected hose hook on the inside

Compressed air lines and vessels with a long service life

- ▶ Flexible armoured hose with heat protection prevents vibration breaks
- ▶ Powder-coated compressed air tank with ten-year warranty against corrosion perforation

One-handed safety couplings

- ▶ AIRCRAFT is the first manufacturer to use single-handed safety couplings as per DIN EN 983 as standard
- ▶ Two separate locking systems for maximum working safety
- ▶ Avoids hose line backlash on uncoupling



AIRCAR 220 OF PRO

Model		AIRCAR 220 OF PRO
Art. no.		2015520

Technical specifications		
Intake capacity approx.	l/min	220
Fill capacity at 6 bar approx.	l/min	134
Maximum pressure	bar	10
Vessel capacity	l	2 x 11
Cylinders/stages		2 / 1
Rotational speed	rpm	1 400
Sound pressure level L _p ⁽¹⁾	dB(A)	70
Motor Power	kW	1.1
Electrical connection 50 Hz	V	230
Dimensions (L x W x H)	mm	800 x 690 x 690
Weight	kg	67

Equipment level

Filter pressure regulator
Automatic CONDOR pressure switch
Flexible armoured hose with heat protection
Filter pressure regulator, oil mist lubricator
One-handed safety couplings
Powder-coated compressed air tank
Two large, puncture-proof wheels, two rubber block supports

Convenient to transport and stable in upright position

- ▶ Two fold-out carrying handles for lifting during transport
- ▶ Large, puncture-proof wheels with a wide wheelbase

ZÜS approved compressor

- ▶ Approval by an authorised expert also possible prior to commissioning



AIRCAR 440 OF PRO

Model		AIRCAR 440 OF PRO
Art. no.		2015530

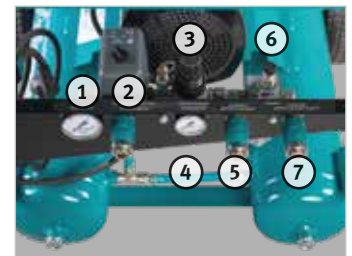
Technical specifications		
Intake capacity approx.	l/min	440
Fill capacity at 6 bar approx.	l/min	267
Maximum pressure	bar	10
Vessel capacity	l	2x 11
Cylinders/stages		4 / 1
Rotational speed	rpm	1 400
Sound pressure level L _p ⁽¹⁾	dB(A)	70
Motor Power	kW	1.7
Electrical connection 50 Hz	V	400
Dimensions (L x W x H)	mm	800 x 690 x 690
Weight	kg	85

Equipment level

Filter pressure regulator
Automatic CONDOR pressure switch
Flexible armoured hose with heat protection
Filter pressure regulator, oil mist lubricator
One-handed safety couplings
Powder-coated compressed air tank
Two large, puncture-proof wheels, two rubber block supports



- Smooth-action, oil-free V power unit
- No need for oil changes and no oil in the condensate
- Long service life thanks to low speed
- Extremely quiet



Control panel ergonomically positioned, clearly structured and self-explanatory

1. Pressure gauge for displaying the vessel pressure
2. Compressed air direct outlet with single-handed safety coupling from compressed air tank
3. Filter pressure regulator for adjusting the working pressure
4. Pressure gauge for displaying the configured working pressure
5. Compressed air outlet with single-handed safety coupling for filtered compressed air
6. Oil mist lubricator for a metred supply of lubricant to tools
7. Compressed air outlet with single-handed safety coupling for filtered and oiled compressed air



- Large, puncture-proof wheels
- Avoids flat tyres without compromising on convenience

*Warranty terms on www.stuermer-maschinen.de or request from Stürmer Maschinen GmbH
(1) Sound pressure level at 1 m distance as per DIN 45635 T 13

MOBILE ENTRY-LEVEL CLASS



AIRBOY series – portable compressors for more flexibility in daily use

- ▶ **AIRBOY 262 E:** Ideal entry-level compressor in building and trades
- ▶ **AIRBOY KITT 90:** Ideal for deployment in challenging building sector applications
- ▶ Quality electric motors with powerful torque
- ▶ Equipped with motor soft-start and motor protection switch
- ▶ Fully automatic On/Off operation
- ▶ Switch and fittings perfectly protected by tubular frame
- ▶ Powder coated compressed air vessels
- ▶ Rubberised carrier handle prevents slipping



Figure shows the AIRBOY KITT 90

- ① Includes a pressure regulator for continuous adjustability of the desired working pressure
- ② Two pressure gauges indicate the tank and working pressure
 - Switch and fittings perfectly protected by tubular frame
- ③ Equipped with an automatic pressure switch
- ④ AIRBOY KITT 90 with premium single-hand quick coupling as standard
 - AIRBOY 262 E with single-hand quick coupling



AIRBOY KIT 90

- ▶ Low speed
- ▶ This reduces vibration and wear on the compressor components
- ▶ Vibration-damping rubber suction feet



AIRBOY 262 E

- ▶ Automatic pressure switch
- ▶ Ideal entry-level model
- ▶ Single-handed quick-release coupling
- ▶ Vibration-damping rubber feet

Model	AIRBOY KITT 90	AIRBOY 262 E
Art. no.	2001237	2001247
Compressor system ⁽¹⁾	HOS	HOS
Intake capacity approx.	85 l/min	250 l/min
Fill capacity approx.	49 l/min	155 l/min
Maximum pressure	15 bar	10 bar
Vessel capacity	2.4 l	2.4 l
Cylinders/stages	1/1	1/1
Rotational speed	1 420 rpm	2 850 rpm
Sound power level L _{WA} ⁽²⁾	85 dB(A)	97 dB(A)
Motor Power	0.6 kW / 230 V	1.5 kW / 230 V
Dimensions (L x W x H)	510 x 270 x 400 mm	555 x 318 x 430 mm
Weight	21 kg	23 kg

(1) For a description of the compressor systems refer to p. 14 (2) Sound power level according to DIN EN ISO 3744 (RL 2000/14/EC)

Mobile compressors

MOBILBOY AC series – mobile compressors with up to 10 bar for trade applications

- ▶ Universally deployable in domestic and DIY use, also for on-site applications
- ▶ Fully automatic On/Off operation
- ▶ Electric motor equipped with soft-start and motor protection switch
- ▶ One pressure gauge each for displaying the tank and working pressure
- ▶ Powder coated compressed air vessels
- ▶ Plastic wheels at rear
- ▶ Rubber foot or rubber suction pads at front
- ▶ Mains cable length 1.8 m



MOBILBOY 241/24 AC



MOBILBOY 261/24 AC

Model	1 MOBILBOY 241/24 AC	2 MOBILBOY 261/24 AC	3 MOBILBOY 301/50 AC
Art. no.	2004242	2004262	2004304
Technical data			
Compressor system ⁽¹⁾	HOS	HOS	HOS
Intake capacity approx.	190 l/min	230 l/min	240 l/min
Fill capacity approx.	120 l/min	140 l/min	150 l/min
Maximum pressure	8 bar	10 bar	10 bar
Vessel capacity	24 l	24 l	50 l
Cylinders/stages	1/1	1/1	1/1
Rotational speed	2 850 rpm	2 850 rpm	2 850 rpm
Sound power level L _{WA} ⁽²⁾	96 dB(A)	96 dB(A)	96 dB(A)
Motor Power 50 Hz	1.1 kW / 230 V	1.3 kW / 230 V	1.5 kW / 230 V
Weight	24 kg	29 kg	36.5 kg
Dimensions (L x W x H)	600 x 290 x 615 mm	600 x 290 x 625 mm	870 x 385 x 690 mm

4



MOBILBOY 421/50 AC

Equipment level



- ① Automatic pressure switch
- ② Pressure regulator for continuous adjustment of the working pressure
- ③ One single-handed, quick-action coupling
- ④ Aluminium compressed air line
- ⑤ One pressure gauge each for displaying the tank and working pressure

5



MOBILBOY 421/100 AC

Model	4 MOBILBOY 421/50 AC	5 MOBILBOY 421/100 AC
Art. no.	2004404	2004406
Technical data		
Compressor system ⁽¹⁾	HOS	HOS
Intake capacity approx.	420 l/min	420 l/min
Fill capacity approx.	250 l/min	250 l/min
Maximum pressure	10 bar	10 bar
Vessel capacity	50 l	100 l
Cylinders/stages	2/1	2/1
Rotational speed	2 850 rpm	2 850 rpm
Sound power level L _{WA} ⁽²⁾	97 dB(A)	97 dB(A)
Motor Power 50 Hz	2.2 kW / 230 V	2.2 kW / 230 V
Weight	43 kg	56 kg
Dimensions (L x W x H)	870 x 386 x 720 mm	1 060 x 440 x 820 mm

(1) For a description of the compressor systems refer to page 14 (2) Sound power level according to DIN EN ISO 3744 (RL 2000/14/EC)2000/14/EC)

COMPACT UNITS



COMPACT-AIR Series - the handy, universal compact-design compresso

Control panel

- ▶ The ergonomically situated control panel is clearly structured and self-explanatory.
- ▶ One pressure gauge each for displaying the tank and working pressure
- ▶ Includes a pressure regulator for continuous adjustability of the desired working pressure
- ▶ With two take-off points for compressed air
- ▶ Equipped with **premium quick-action couplings as a factory standard** ⁽¹⁾



Warranty

- ▶ Ten-year warranty on the compressed air tank against corrosion perforation (only applies to the COMPACT-AIR 311/24E and 321/20)

Fig. COMPACT-AIR 321/20

Protection function

- ▶ Compressor in protected hand cart construction
- ▶ The tubular frame provides optimal protection against damage to fittings.

Copper compressed air line

Maintenance block

- ▶ Equipped as a factory standard with a premium **CONDOR pressure switch***
- ▶ The on/off switch is protected and easily accessible
- ▶ Equipped with a quality filter for dirt, oil and condensate separation*

Handle

- ▶ Rubberised carrying handle as factory standard, prevents slipping during transportation.

Motor

- ▶ Quality electric motors with powerful torque
- ▶ Motor starting current limiter to avoid start-up problems
- ▶ Electric motor equipped with soft-start and motor protection switch

Wheels

- ▶ The large stable wheels and the broad wheelbase provide for safe and comfortable transportation even on uneven surfaces

High-performance HOS unit

- ▶ The precision-machined piston has a high-alloyed piston ring, an oil scraper ring and oil spreader ring which provide a seal to the cylinder wall
- ▶ The crankcase is filled with oil which is sprayed against the cylinder wall with each piston stroke
- ▶ The oil scraper ring cleans the oil-wetted cylinder wall in downward direction

Fig. COMPACT-AIR 321/20

(1) Only applies to COMPACT-AIR 311/24E & COMPACT-AIR 321/20

*Warranty terms on www.stuermer-maschinen.de or request from Stürmer Maschinen GmbH

COMPACT-AIR Series - The handy universal compressors for occasional on-site applications

- Universally deployable in occasional building applications and DIY
- Quality electric motors with high torque and motor starting current limiter to avoid start-up problems
- Electric motor equipped with soft-start and motor protection switch
- Fully automatic On/Off operation
- Equipped with all safety devices
- Good protection of all parts exposed to risk during transportation
- Complete maintenance block on inside
- Powder coated compressed air vessels
- Rubberised carrier handle prevents slipping during transportation
- Additional carrying handle allows convenient two-handed carrying of the compressor

COMPACT-AIR E models features:

- Pressure regulator for continuously variable setting of the desired working pressure
- Automatic pressure switch
- One pressure gauge each for displaying the tank and working pressure
- Single-handed quick-release coupling
- Copper compressed air lines
- Highly attractive pricing

COMPACT-AIR E Models



- ① **Pressure regulator** for continuously variable setting of the desired working pressure
- ② **pressure**
 - One pressure gauge each for displaying the tank and working pressure
- ③ **pressure**
- ④ **One single-handed, quick-action coupling**
 - Automatic pressure switch



COMPACT-AIR 221/10 E

- Including standard pressure regulator and quick coupling

COMPACT-AIR 265/10 E

- Including standard pressure regulator and quick coupling

COMPACT-AIR 311/24 E

- For occasional on-site applications

Model	COMPACT-AIR 221/10 E	COMPACT-AIR 265/10 E	COMPACT-AIR 311/24 E
Art. no.	2005220	2005261	2005291
Technical specifications			
Compressor system*	HOS	HOS	HOS
Intake capacity approx.	185 l/min	250 l/min	284 l/min
Fill capacity approx.	120 l/min	155 l/min	190 l/min
Maximum pressure	8 bar	10 bar	10 bar
Vessel capacity	10 l	10 l	24 l
Cylinders/stages	1/1	1/1	1 / 1
Rotational speed	2 850 rpm	2 850 rpm	2 850 rpm
Sound power level L _{WA} (2)	94 dB(A)	97 dB(A)	97 dB(A)
Motor Power 50 Hz	1.5 kW/ 230 V	1.5 kW/ 230 V	2.2 kW / 230 V
Dimensions (L x W x H)	420 x 350 x 730 mm	420 x 350 x 730 mm	560 x 445 x 735 mm
Weight	22.3 kg	24.1 kg	34.5 kg

*For a description of the compressor systems refer to Seite 7. **Sound power level according to DIN EN ISO 3744 (RL 2000/14/EC)

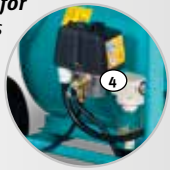
Overview of differences between E models and standard models

Electric models	COMPACT-AIR 321/20	
✓		Automatic pressure switch
	✓	Automatic CONDOR pressure switch
		Pressure gauge for displaying the tank and working pressure
✓	✓	Water separator
✓	✓	Two single-handed quick-action couplings
	✓	Two premium, single-handed quick-action couplings
✓		Aluminium compressed air lines
	✓	Copper compressed air lines
	✓	10-year guarantee on the tank against corrosion perforation

Compact-Air 321/20



- ▶ Complete maintenance block on inside
- ▶ The ergonomically situated control panel is clearly structured and self-explanatory.
- **Pressure regulator** for continuously variable setting of the desired working pressure
- One pressure gauge each for displaying the tank and working pressure
- With **two take-off points for compressed air**. Features one (4) pressure regulator and water separator each instead of a filter pressure regulator



COMPACT-AIR 361/24 E

- ▶ With twin-cylinder V motor and single-stage compression
- ▶ For occasional on-site applications



COMPACT-AIR 321/20

- ▶ The low speed of 1 420 rpm reduces vibration and guarantees a longer service life of the twin-cylinder V motor.
- ▶ For on-site applications in building and trades
- ▶ Powder-coated compressed air tank, **ten-year warranty against rust perforation**



Model	COMPACT-AIR 361/24 E	COMPACT-AIR 321/20
Art. no.	2005361	2005300
Technical specifications		
Compressor system*	HOS	HOS
Intake capacity approx.	356 l/min	310 l/min
Fill capacity approx.	215 l/min	240 l/min
Maximum pressure	10 bar	10 bar
Vessel capacity	24 l	20 l
Cylinders/stages	2 / 1	2 / 1
Rotational speed	2 850 rpm	1 420 rpm
Sound power level L _{WA} (2)	97 dB(A)	93 dB(A)
Motor Power 50 Hz	2.2 kW / 230 V	2.2 kW / 230 V
Dimensions (L x W x H)	560 x 445 x 735 mm	520 x 500 x 780 mm
Weight	37.6 kg	36 kg

(1) For a description of the compressor systems refer to page 14 (2) Sound power level according to DIN EN ISO 3744 (RL 2000/14/EC)

Compact-AIR

COMPACT-AIR PRO - powerful, universally applicable compressors with a compact design and all-round protection

Operation

- ▶ Equipped as a factory standard with a premium **CONDOR pressure switch**
- ▶ On/off switch is protected from the top and easily accessible
- ▶ The ergonomically-mounted control panel is clearly structured and self-explanatory
- ▶ One pressure gauge each for displaying the tank and working pressure
- ▶ Three compressed air outlets for filtered compressed air, filtered and lubricated compressed air and a direct compressed air outlet on the compressed air tank
- ▶ Equipped with **premium quick-action couplings as a factory standard**



Cable hook

- ▶ Including interior protected cable hook

Hose hook

- ▶ Supplied with a protected hose hook on the inside as standard
- ▶ The hose is not included in the scope of delivery

High-performance HOS unit

- ▶ The precision-machined piston has a high-alloyed piston ring, an oil scraper ring and oil spreader ring which provide a seal to the cylinder wall
- ▶ The crankcase is filled with oil which is sprayed against the cylinder wall with each piston stroke
- ▶ The oil scraper ring cleans the oil-wetted cylinder wall in downward direction



Mobile base

- ▶ The large puncture-proof wheels and the wide wheelbase ensure safe and convenient transportation even on uneven surfaces such as staircases.



Fig. COMPACT-AIR 321/24 PRO

Tool tray

- ▶ The tool tray positioned above the compressor protects it additionally during transportation
- ▶ And the tray is the perfect place to deposit your tools
- ▶ **Suitable for standard system containers** by all major power tool manufacturers, such as Makita, Festool, Mafell, etc.

Filter pressure regulator

- ▶ The working pressure is infinitely variable via the standard filter pressure regulator with simultaneous separation of dirt and condensate

Base

- ▶ There are no fittings or switches in the base area that could suffer damage when tilting or transporting the compressor

Handle

- ▶ Rubberised carrying handle as factory standard, prevents slipping during transportation

Protection function

- ▶ Compressor with all-round protected design
- ▶ The tubular frame and the top-mounted tray provide perfect protection against damage to fittings.



High quality pressure vessel

- ▶ Powder coated compressed air vessels
- ▶ Ten-year guarantee against corrosion perforation



Fig. COMPACT-AIR 321/24 PRO

COMPACT-AIR PRO - Compact design for convenient transportation. Perfectly suited for daily on-site applications thanks to all-round protection.

- Universally suitable for use in the assembly and trade sectors
- Low speed guarantees smooth action and a long compressor service life
- The large puncture-proof wheels in combination with the wide wheelbase ensure safe and convenient transportation.
- Flexible armoured hose line with heat protection avoids vibration fractures
- Premium electric motor with high torque
- Electric motor equipped with soft-start and motor protection switch
- Fully automatic On/Off operation
- Optimum protection of all parts exposed to risk during transportation
- Equipped with all safety devices
- With **premium quick-action couplings** and a premium **CONDOR pressure switch**
- Powder-coated compressed air tank, 10-year warranty against rust perforation*



COMPACT-AIR 321/24 PRO

- With smooth action twin-cylinder compressor

Model	COMPACT-AIR 321/24 PRO
Art. no.	2005352

Technical data	
Compressor system ⁽¹⁾	HOS
Intake capacity approx.	310 l/min
Fill capacity approx.	240 l/min
Maximum pressure	10 bar
Vessel capacity	24 l
Cylinders/stages	2/1
Rotational speed	1 420 rpm
Sound pressure level L _p ⁽²⁾	75 dB(A)
Sound power level L _{WA} ⁽³⁾	91 dB(A)
Motor Power 50 Hz	2.2 kW / 230 V
Dimensions (L x W x H)	600 x 640 x 980 mm
Weight	51 kg

⁽¹⁾ For a description of the compressor systems refer to page 14

⁽²⁾ Sound pressure level at a distance of 1 m as per DIN 45635 T 13

⁽³⁾ Sound power level as per DIN EN ISO 3744 (RL 2000/14/EC)

*Warranty terms on www.stuermer-maschinen.de or request from Stürmer Maschinen GmbH

COMPACT-AIR PRO – Your benefits thanks to the unique design

Tool tray

- The tool tray positioned above the compressor protects it additionally during transportation.
- And the tray is the perfect place to deposit your tools.
- Suitable for standard system containers by all major power tool manufacturers, such as Makita, Festool, Mafell, etc.



Perfect frame ergonomics

- Can be transported up or down a staircase by one person
- Easy to tilt
- Can be easily moved without risk of back injuries
- Stable base



AIRCAR PRO mobile compressors

AIRCAR PRO - the powerful, mobile compressed air centre with practical details in a compact format for professional use

Operation

- ▶ Equipped as a factory standard with a premium CONDOR pressure switch
- ▶ On/off switch is protected from the top and easily accessible
- ▶ The ergonomically-mounted control panel is clearly structured and self-explanatory
- ▶ One pressure gauge each for displaying the tank and working pressure
- ▶ One compressed air outlet each for filtered compressed air, filtered and oiled compressed air and a compressed air direct outlet from the tank
- ▶ Single-handed **safety couplings as standard**



Base

- ▶ There are no fittings or switches in the base area that could suffer damage when tilting or transporting the compressor

Protection function

- ▶ The frame provides space for storing tools as well as all-round protection for the various sensitive components
- ▶ The tubular frame and the top-mounted tray provide perfect protection against damage to fittings.

Filter pressure regulator

- ▶ The working pressure is infinitely variable via the standard filter pressure regulator with simultaneous separation of dirt and condensate

Oil mist lubricator

- ▶ The factory-standard oil mist lubricator ensures a sufficient supply of lubricant to tools

AIRCAR 553/22 PRO

High-performance HOS unit

- ▶ The precision-machined piston has a high-alloyed piston ring, an oil scraper ring and oil spreader ring which provide a seal to the cylinder wall
- ▶ The crankcase is filled with oil which is sprayed against the cylinder wall with each piston stroke
- ▶ The oil scraper ring cleans the oil-wetted cylinder wall in downward direction

Handles

- ▶ Equipped with fold-out carrying handles for lifting during transportation

Hose hook

- ▶ Supplied with a protected hose hook on the inside
- ▶ The hose is not included in the scope of delivery



High quality pressure vessel

- ▶ Powder coated compressed air vessels
- ▶ Ten-year guarantee against corrosion perforation

AIRCAR 553/22 PRO

Mobile base

- ▶ The large puncture-proof wheels and the wide wheelbase ensure safe and convenient transportation even on uneven surfaces such as staircases.



Compact design for convenient transportation. Perfectly suited for daily on-site applications thanks to all-round protection.

- ▶ For building and trade applications, e.g., in the workshop, or for interior construction work and building shell construction
- ▶ The frame provides space for storing tools as well as all-round protection for the various sensitive components
- ▶ The twin-cylinder high-performance V motor in grey cast iron and the low speed guarantee smooth action and a long compressor service life.
- ▶ Flexible armoured hose line with heat protection avoids vibration fractures

- ▶ One pressure gauge each for displaying the tank and working pressure
- ▶ Three compressed air take-off points with quick-action safety couplings for filtered compressed air, filtered and oiled compressed air, and a direct compressed air outlet from the compressed air tank
- ▶ High-quality CONDOR pressure switch
- ▶ Large, puncture-resistant wheels in conjunction with a wide wheelbase ensure convenient and safe transport

- ▶ Powder-coated compressed air tank, ten-year warranty against rust perforation
- ▶ Premium electric motor with high torque and motor starting current limiter to avoid start-up problems
- ▶ Electric motor equipped with soft-start and motor protection switch
- ▶ Fully automatic On/Off operation
- ▶ Equipped with all safety devices



AIRCAR 321/22 PRO

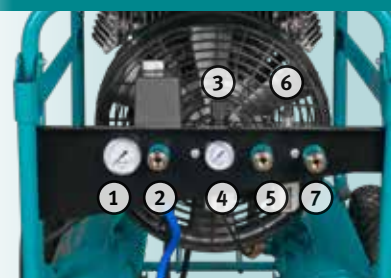


AIRCAR 553/22 PRO

Info & Video



Your benefits



Panel

Ergonomically positioned, clearly structured and self-explanatory

1. Pressure gauge for displaying the vessel pressure
2. Compressed air direct outlet with single-handed safety coupling from compressed air tank
3. Filter pressure regulator for adjusting the working pressure
4. Pressure gauge for displaying the configured working pressure
5. Compressed air outlet with single-handed safety coupling for filtered compressed air
6. Oil mist lubricator for a metred supply of lubricant to tools
7. Compressed air outlet with single-handed safety coupling for filtered and oiled compressed air



- ▶ Features a powerful twin-cylinder high-performance V motor in grey cast iron
- ▶ With low-wear direct drive

Model	AIRCAR 321/22 PRO	AIRCAR 553/22 PRO
Art. no.	2005531	2005553
Technical specifications		
Compressor system ⁽¹⁾	HOS	HOS
Intake capacity approx.	310 l/min	550 l/min
Fill capacity approx.	240 l/min	410 l/min
Maximum pressure	10 bar	10 bar
Vessel capacity	2 x 11 l	2 x 11 l
Cylinders/stages	2/1	2/1
Rotational speed	1 420 rpm	1 420 rpm
Sound pressure level L _p ⁽²⁾	75 dB(A)	81 dB(A)
Sound power level L _{WA} ⁽³⁾	91 dB(A)	94 dB(A)
Motor Power 50 Hz	2.2 kW / 230 V	3 kW / 400 V
Dimensions (L x W x H)	780 x 685 x 670 mm	780 x 685 x 670 mm
Weight	53 kg	77 kg

(1) For a description of the compressor systems refer to page 14

(2) Sound pressure level at a distance of 1 m as per DIN 45635 T 13

(3) Sound power level as per DIN EN ISO 3744 (RL 2000/14/EC)

*Warranty terms on www.stuermer-maschinen.de or request from Stürmer Maschinen GmbH

Mobile compressors PRO

AIRBAU/AIRCAR-BAU - Compressor with internal combustion engine for up to 14 bar operating pressure for work environments without a power supply

Transport lugs

- ▶ With two transport lugs on the frame for lifting, e.g., with a crane

Tool tray

- ▶ Practical for daily use as a tray for tools, plans, etc. and to provide protection against damage from above

High-performance HOS unit

- ▶ The precision-machined piston has a high-alloyed piston ring, an oil scraper ring and oil spreader ring which provide a seal to the cylinder wall
- ▶ The crankcase is filled with oil which is sprayed against the cylinder wall with each piston stroke
- ▶ The oil scraper ring cleans the oil-wetted cylinder wall in downward direction

Transport handle

- ▶ The handle for two-handed gripping ensures easy transport to the deployment site

- ▶ The working pressure can be infinitely set via the filter pressure regulator to allow for reduced pressure, filtered compressed air take-off
- ▶ Two pressure gauges indicate the tank and working pressure
- ▶ Equipped with a **quality quick-action coupling and CONDOR** premium pressure switch as a factory standard

Anti-vibration elements

- ▶ Equipped with two large and wide anti-vibration elements for stability

All-round protection

- ▶ The frame acts as a compressed air tank, tool tray holder, and at the same time provides all-round protection for any sensitive components
- ▶ Optimum protection and portable high performance



Freewheel valve

- ▶ Features freewheel valve as factory standard
- ▶ This removes the need for continually switching on and off
- ▶ The compressor continues to run in no-load state after reaching the preset pressure



PU foam wheels

- ▶ The large puncture-proof wheels ensure safe and convenient transportation even on uneven surfaces.



AIRCAR-BAU 500/20 B PRO

AIRBAU/AIRCAR-BAU - for use in gardening and landscape gardening, for mobile tyre and breakdown recovery services and in agriculture and forestry

- ▶ Single cylinder/4-stroke engine by Honda for power-supply independent operation.
- ▶ Independent of a power supply and thus perfectly suited for gardening and landscape gardening, for mobile tyre and breakdown recovery services and in agriculture and forestry
- ▶ With idle speed and speed control to adjust to load states
- ▶ The high-performance grey cast iron power unit and the low speed guarantee smooth action and a long service life
- ▶ The large impeller and a cooling air duct ensure optimum cooling of the compressor
- ▶ Stable metal belt guard grille
- ▶ A re-cooler with large-surface cooling fins ensures a low compressed air tank inlet temperature, thus reducing the moisture content of the compressed air
- ▶ Equipped with all safety devices
- ▶ **Ten-year warranty on the compressed air tank against corrosion perforation***



AIRBAU 652/100 B PRO

- ▶ Features a 100-litre compressed air tank
- ▶ Perfectly suited for use in breakdown recovery vehicles due to its very narrow form factor



AIRCAR-BAU 500/20 B PRO

- ▶ With transport lugs on the frame for lifting
- ▶ The design, the large, puncture-proof wheels and the transport handle ensure easy transportation to the deployment site.

Model	AIRBAU 652/100 B PRO	Aircar-BAU 500/20 B PRO
Art. no.	2006530	2005500

Technical specifications	HOS	HOS
Compressor system ⁽¹⁾	HOS	HOS
Intake capacity approx.	642 l/min	380 l/min
Fill capacity approx.	480 l/min	285 l/min
Maximum pressure	14 bar	10 bar
Vessel capacity	100 l	20 l
Cylinders/stages	2/2	2/1
Rotational speed	950 rpm	950 rpm
Sound power level L _{WA} ⁽²⁾	99 dB(A)	97 dB(A)
Motor Power 50 Hz	6.6 kW	4 kW
Drive	Single-cylinder/4-stroke engine	Single-cylinder/4-stroke engine
Dimensions (L x W x H)	1 050 x 500 x 1 060 mm	820 x 600 x 860 mm
Weight	121 kg	89 kg

(1) For a description of the compressor systems refer to page 14

(2) Sound power level according to DIN EN ISO 3744 (RL 2000/14/EC)

*Warranty terms on www.stuermer-maschinen.de or request from Stürmer Maschinen GmbH

Freewheel valve for reduced wear

- ▶ The freewheel valve avoids continuous switching on and off
- ▶ After reaching the preset pressure, the valve opens and the compressor continues to run in depressurised state
- ▶ When the pressure drops, the valve shuts-off and the compressor builds up pressure again

