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MiniPower Compact

THE MINIPOWER COMPACT IS THE NEW OIL-LUBRICATED COAXIAL COMPRESSOR WITH DIRECT STARTER, THE SMALLEST OF THE ENTIRE AIRPRESS SCREW RANGE.

- Power range: **2,2 kW** (single-phase or triple-phase)
- Fixed speed
- Available in a painted or galvanized 90-litre tank



APPLICATIONS: ideal for applications in tight spaces, including workshops, mobile units, and automated systems.





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Why MiniPower Compact?

PERFORMANT AND USER-FRIENDLY

The MiniPower Compact is a small, oil-lubricated coaxial compressor with a direct starter. It's the smallest screw range, designed for industrial applications.

SILENT OPERATION

With a noise level of only 65 dB(A), it operates quietly, allowing placement in various work environments.

EFFICIENT AND COST-EFFECTIVE

Equipped with a coaxial transmission system, the air-end is directly connected to the electric motor for maximum efficiency. Featuring an IE3 energy-efficient motor, MiniPower Compact ensures minimal pressure losses and energy savings.

EASY TO MOVE

Compact and easy to transport with side handles (for floor-mounted versions) and forklift/pallet truck compatibility.

SIMPLIFIED MAINTENANCE

Easily accessible internal components ensure fast and simple routine maintenance.

PLUG&PLAY

Ready for immediate use, pre-equipped with mineral oil.

OPTIONAL HEATER

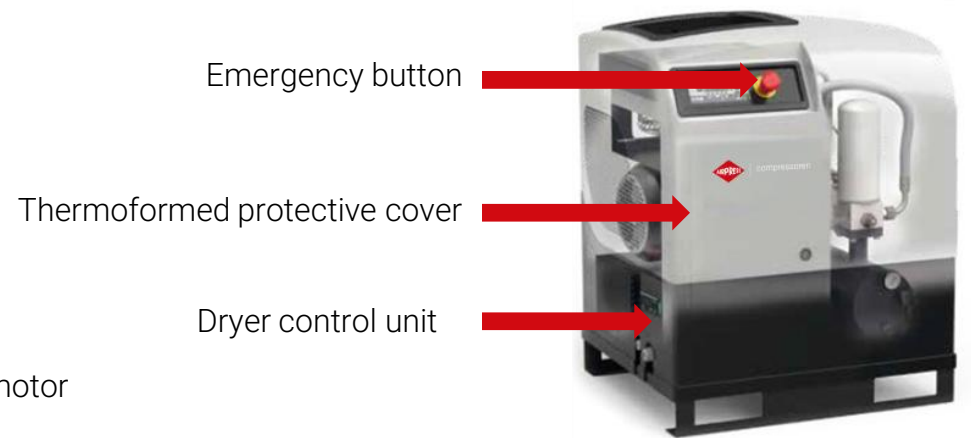
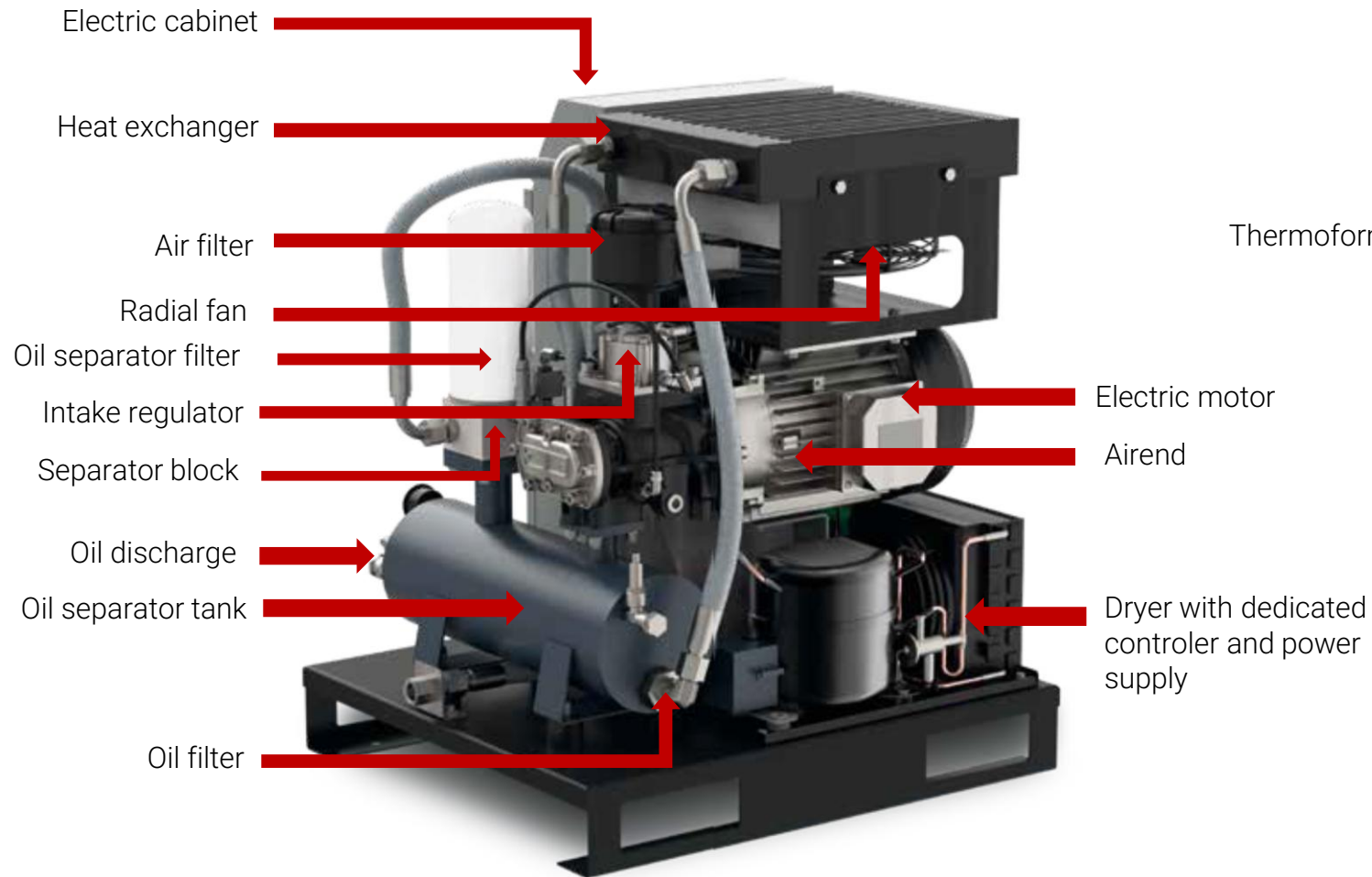
Prevents condensate formation and maintains optimal oil temperature during standby, ideal for cold environments.





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Construction of Mini**Power** Compact





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Technical **specification**

NEW SKU	MODEL	AIR RECEIVER (L)	POWER (KW)	POWER (HP)	AIR FLOW (L/MIN)	AIR FLOW (M ³ /MIN)	AIR FLOW (CFM)	MAX PRESSURE (BAR)	MAX PRESSURE (PSI)
360903-C1	MINIPOWER COMPACT 3 ST90	90	2,2	3	261	0.26	9,2	10	145
360903-C	MINIPOWER COMPACT 3 T90	90	2,2	3	261	0.26	9,2	10	145
360903-CG	MINIPOWER COMPACT 3 TG90	90	2,2	3	261	0.26	9,2	10	145

NEW SKU	MODEL	SOUND LEVEL (DB(A))	AIR OUTLET	NET WEIGHT (KG)	NET DIMENSIONS (L X W X H, MM)	GROSS WEIGHT (KG)	GROSS DIMENSIONS (L X W X H, MM)	VOLTAGE (V/PH/F)	CONTROLLER
360903-C1	MINIPOWER COMPACT 3 ST90	65	1/2"	104	730x460x1060	116	840x540x1340	230/1/50	LOGIN zero
360903-C	MINIPOWER COMPACT 3 T90	65	1/2"	104	730x460x1060	116	840x540x1340	400/3/50	LOGIN zero
360903-CG	MINIPOWER COMPACT 3 TG90	65	1/2"	104	730x460x1060	116	840x540x1340	400/3/50	LOGIN zero



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Mini**Power**

FIXED-SPEED



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MiniPower

THE MINIPOWER RANGE OFFERS A SERIES OF COMPACT, HIGHLY RELIABLE INDUSTRIAL AIR COMPRESSORS, WITH MULTIPLE VERSIONS DESIGNED TO MEET A WIDE VARIETY OF APPLICATIONS. EACH MINIPOWER COMPRESSOR IS ENGINEERED TO PROVIDE LONG-LASTING RELIABILITY AND PERFORMANCE, ENSURING THE HIGHEST OPERATIONAL STANDARDS.

- Power range: **2,2 – 5,5 kW**
- Fixed speed
- Made in Europe
- The MiniPower range is available in 2 versions:
 - 2.2-3 kW: electromechanical ON/OFF switch, with motor protection. The pressure gauge and hour counter are included in the control panel. Easy to use, no idle running means considerable energy saving.
 - 4-5.5 kW: star-delta starter, including the Login mini controller, which controls the complete operation of the machine.

VARIOUS CONFIGURATIONS AVAILABLE:

- Standalone
- With tank: Available in 200L and 270L options. Choose between galvanized or non-galvanized tanks for added flexibility.
- With tank and dryer: For applications that require dried compressed air.



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APPLICATIONS: suitable for a wide range of small industrial needs, offering flexibility and customization.



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Why MiniPower?

COMPACT DESIGN AND VERY QUIET OPERATION

Suitable for direct installation in the working environment for maximum convenience and reduced installation.

SIMPLE ELECTRO-MECHANICAL CONTROL

User friendly automatic control for safe operation and simple access to operating value.

ADVANCED COOLING SYSTEM

The deployment of the thermostatically controlled centrifugal fan reduces noise and saves energy. The large surface area coolers for the air and oil ensures cool operation and lower air outlet temperatures even at higher ambient temperatures.

POLY-V BELT DRIVE SYSTEM

Providing three times the service life of normal V belts (TYPICALLY 12000 Hours) with much greater drive efficiency improving output and saving power.

IE3 HIGH EFFICIENCY MOTORS

Allowing reduced energy consumption

HIGH QUALITY AIR

The MiniPower is available with on board refrigerated dryer (ES models) ensuring dry compressed air benefits your system.

LONG LIFE AND RELIABILITY

The MiniPower benefits from state of the art manufacturing and over 50 years experience in the production of air compressors with most components designed and manufactured 'in house'

FLEXIBLE RANGE

2.2kW - 5.5kW with freestanding cabinet or with 200Lt air receiver and with on board refrigerated dryer.





RADIAL COOLING

This design provides excellent cooling, lower noise and economical operation.

OIL FILTER AND OIL SEPARATOR FILTER

Both items are of a 'spin-on' design providing efficiency and simple maintenance.

RELIABLE TRANSMISSION

The V-belts drive provides much lower energy losses with three times the service life of other systems. The unique belt tensioning arrangements ensures continuous performance.

PRESSURE SENSOR

This carefully positioned device ensures optimised control of the operating pressures in sequence with the electronic controller for complete reliability.



INTAKE REGULATOR

Our own production intake regulator provides the control to the load cycle of the compressor with reduced pressure during idle operation and subsequent lower power consumption.

MINIMUM PRESSURE VALVE

Made with corrosion resistant materials and of a proven design, capable of operating in extreme conditions

SIMPLIFIED MAINTENANCE

All routine maintenance can be carried out safely and conveniently thanks to a considered design, that allows unhindered access to all areas.

AIR FILTER

The two-stage filter cartridge allows use in dusty environments.



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Control with **LOGIN Mini**

Digital controller with color display and 6 buttons for complete control of all compressor functions. The intuitive and multilingual color display with extended text.

KEY FEATURES OF THE LOGIN MINI CONTROLLER:

- The display has always two bars visible: a top status bar and bottom navigation bar. This allows users to always intuitively know the machine's status and active functions through the top status bar.
- Menu navigation is made easier by the symbols shown on the bottom navigation bar.
- Pressure is monitored through a transducer, which allows precise adjustment according to the parameters set on the controller.
- Motor control: continuous, with fixed idle time or with dynamic adjusted time to comply with the max allowed motor starts.
- The controller allows the management of up to 8 machines in master/slave mode thanks to the native ISC function.
- Configurable auto-restart and remote ON/OFF complete the controller's features.





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Technical **specification**

Standalone version

MODEL	MOTOR POWER (HP / KW)	AIR FLOW (L/MIN)	MAX. PRESSURE (BAR)	NOISE LEVEL DB(A)	CONNECTION	VOLTAGE (V/ph/f)	CONTROLLER
MINIPOWER 3	3 / 2.2	290	10	58	1/2"	400/3/50	No
MINIPOWER 4	4 / 3	385	10	59	1/2"	400/3/50	No
MINIPOWER 5	5.5 / 4	485	10	60	1/2"	400/3/50	LOGIN Mini
MINIPOWER 7	7.5 / 5.5	650	10	64	1/2"	400/3/50	LOGIN Mini



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Weight

MODEL NAME	FM	T200	TD200	TD270	TDG270	TD500
MINIPOWER 3	93	142	164	213	213	-
MINIPOWER 4	99	155	177	226	226	-
MINIPOWER 5	137	205	232	281	281	-
MINIPOWER 7	137	205	232	281	281	304

Dimensions

MODEL	FM	T200	TD200	TD270	TDG270	TD500
MINIPOWER 3	600x520x780mm	1430x550x1310mm	1430x550x1310mm	1560x570x1390mm	1560x570x1390mm	-
MINIPOWER 4	600x520x780mm	1430x550x1310mm	1430x550x1310mm	1560x570x1390mm	1560x570x1390mm	-
MINIPOWER 5	600x520x780mm	1430x550x1310mm	1430x550x1310mm	1560x570x1390mm	1560x570x1390mm	-
MINIPOWER 7	600x520x780mm	1430x550x1310mm	1430x550x1310mm	1560x570x1390mm	1560x570x1390mm	2000x600x1480mm