



GLOBAL POWER

**WE
PRODUCE IT
TO SHARPEN
YOUR WORK**

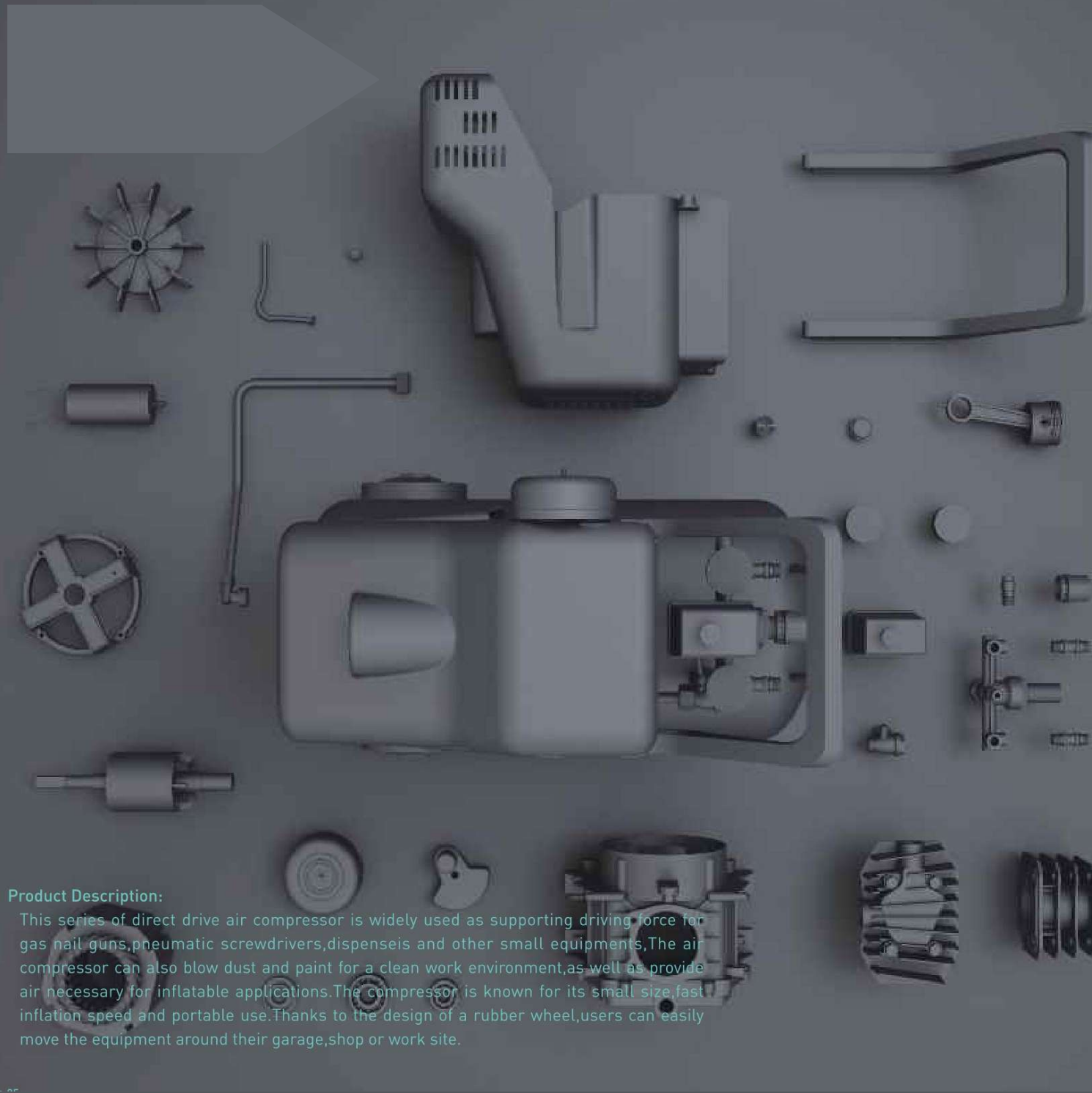
Change the world with Global power, Bring it to your work



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DIRECT DRIVE AIR COMPRESSOR



MOTOR AVERAGE WORKING LIFE ≥ 5000 HOURS

- ◆ Advanced automatic electrical production line manufactures high precise motor.
- ◆ 10%-30% more sheet motor stator and rotor.
- ◆ Low-voltage start-up is 15% lower than standard voltage of your country.
- ◆ Temperature rises $\leq 80K$ to support long time working.

HIGH SAFETY VESSEL

- ◆ Modern and advanced automatic electrical production line promise excellent quality.
- ◆ Imported LINCOLN welding machine guarantees the smooth welding without undercut.
- ◆ Weekly hydrostatic burst test uses 5 times design pressure to check steel quality and welding safety.
- ◆ The pressure vessel is separately equipped with CE certificates from certification authority-Tuv.

NO OIL LEAKAGE & NO AIR LEAKAGE

- ◆ Adopting international standard aluminum with less impurity & higher machining precision.
- ◆ Each vessel is passed air pressure examination which is 1.5 times higher than design pressure.
- ◆ Connecting parts test will be applied to each compressor on the assembly line.

HIGH ELECTRICAL SAFETY FACTOR




- ◆ When the pressure of the air compressor reaches the upper limit of the set value of the pressure switch, it will automatically vent the pressure in the exhaust pipe in front of the check valve.
- ◆ The gas tank is equipped with a safety valve. When the pressure in the tank reaches the upper limit of the set value of the safety valve, the pressure in the tank will be discharged automatically.
It is equipped with overload shutdown protection device.
- ◆ When the air compressor is overloaded in an abnormal state, resulting in the motor input current exceeding the setting current of the thermal relay in the control circuit, the thermal relay will automatically disconnect, cut off the power supply, and stop the motor and air compressor.

Product Description:

This series of direct drive air compressor is widely used as supporting driving force for gas nail guns, pneumatic screwdrivers, dispensers and other small equipments. The air compressor can also blow dust and paint for a clean work environment, as well as provide air necessary for inflatable applications. The compressor is known for its small size, fast inflation speed and portable use. Thanks to the design of a rubber wheel, users can easily move the equipment around their garage, shop or work site.

ASPECTS OF DIRECT DRIVE



APPLICATIONS	ADVANTAGES
 SPRAY PAINTING	 HIGH BUILD QUALITY
 PNEUMATIC TASKS	 SMALL & COMPACT
 WOOD WORKING	 ZERO VIBRATION
 AIR FILLING	 HIGH SAFETY TANK



SPECIFICATION CHART

MOTOR DRIVE	MODEL	TANK (Ltr)	FREQUENCY (Rated volt)	CYLINDER (Nos)	POWER (HP/W)	SPEED (Rpm)	DELIVERY (Lpm)	PRESSURE (Kgcm ²)
Direct	GD09N	9	220V/Single	1	1.5HP	2850	108	8
	GD16N	16	220V/Single	1	1.5HP	2850	118	8
	AC125	24	220V/Single	1	1HP	2850	200	8
	GD24N	30	220V/Single	1	2HP	2850	200	8
	GD50N	50	220V/Single	1	3HP	2850	206	8
	GD60N	60	220V/Single	2	3HP	2850	318	8
	GD30CUN	30	220V/Single	1	2HP	2850	200	8
	GD50CUN	50	220V/Single	1	3HP	2850	200	8

BELT DRIVE AIR COMPRESSOR

ITALY SERIES BELT COMPRESSOR

Product Description:

Italy series belt compressor use the original Italy design pump ,and is suitable for powering pneumatic wrenches,spray guns and other pneumatic tools.As the modern compressor,it is widely used for vehicle maintenance,factory manufacturing and shops.

SAVE 15% FREIGHT COST

- ◆ Completely new compact design saved approximately 15% package size,and significantly reduce freight.
- ◆ Honeycomb box package to nicely protect machine and save space.

FILLING TIME 10% QUICKER THAN COMMON COMPRESSOR

- ◆ Streamlined pipeline design reduces the resistance loss of flowing gas and pipeline,
- ◆ The lateral pipeline design reduces the joint force along the corner line of the elbow, and avoids the loose connection thread of the pipeline

HIGH SAFETY VESSEL

- ◆ Modern and advanced automatic electrical production line promise excellent quality.
- ◆ Imported LINCOLN welding machine guarantees the smooth welding without undercut.
- ◆ Weekly hydrostatic burst test uses 5 times design pressure to check steel quality and welding safety. The pressure vessel is separately equipped with CE certificates from certification authority-Tuv.

GOOD QUALITY MOTOR

- ◆ 10%-30% more sheet motor stator and rotor.
- ◆ 15% lower-voltage start-up suitable to many areas.
- ◆ Temperature rise \leq 80K to support long time working.

NO OIL LEAKAGE&NO AIR LEAKAGE

- ◆ Adopting international standard aluminum with less impurity&higher machining precision.
- ◆ Each vessel is passed air pressure examination which is 1.5 times higher than design pressure.
- ◆ Connecting parts test will be applied to each compressor on the assembly line.

ASPECTS OF BELT DRIVE



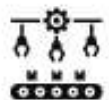
APPLICATIONS



AUTOMOBILE INDUSTRY



HEAVY DUTY INDUSTRY



MANUFACTURING OPERATIONS



PNEUMATIC HEAVY TASKS

ADVANTAGES



HIGH BUILD QUALITY



RELIABLE FLOW



EFFICIENT DELIVERY



EASY MAINTENANCE



SPECIFICATION CHART

MOTOR DRIVE	MODEL	TANK (Ltr)	FREQUENCY (Rated volt)	CYLINDER (Nos)	POWER (HP/W)	SPEED (Rpm)	DELIVERY (Lpm)	PRESSURE (Kgcm2)
BELT DRIVE	MK50-1	50	220V/Single	1 (51mm)	1HP	2880	36	8
	MK50-2	50	220V/Single	1 (65mm)	1.5HP	2880	80	8
	MK70-1	70	220V/Single	2 (51*51mm)	2HP	2880	170	8
	MK70-2	70	220V/Single	1 (60mm)	1HP	1440	130	8
	MK110-1	110	220V/Single	2 (51*51mm)	2HP	2880	170	8
	MK110-2	110	220V/Single	1 (65mm)	1.5HP	1440	145	8
	MK150	150	220V/Single	2 (51*51mm)	2HP	2880	170	8
	MK220-1	220	220V/Single	2 (65*65mm)	3HP	2880	250	8
	MK220-2	220	415V/3Phase	2 (65*65mm)	3HP	2880	250	8
	MK220-3	220	415V/3Phase	2 (70*50mm)	3HP	1440	410	12.5
	MK220-4	220	415V/3Phase	2 (60*60mm)	3HP	1440	250	10
	MK320-1	320	415V/3Phase	3 (65*65*65mm)	4HP	2880	400	8
	MK320-2	320	415V/3Phase	2(100*60mm)	5.5HP	1440	630	12.5
	MK420-1	420	415V/3Phase	2(90*90mm)	7.5HP	2880	600	10
	MK420-2	420	415V/3Phase	2(100*100mm)	7.5HP	1440	680	12.5
	MK500-1	500	415V/3Phase	3 (90*90*90mm)	10HP	2880	980	8
MK500-2	500	415V/3Phase	3 (100*70*100mm)	10HP	1440	1055	12.5	

OIL FREE AIR COMPRESSOR

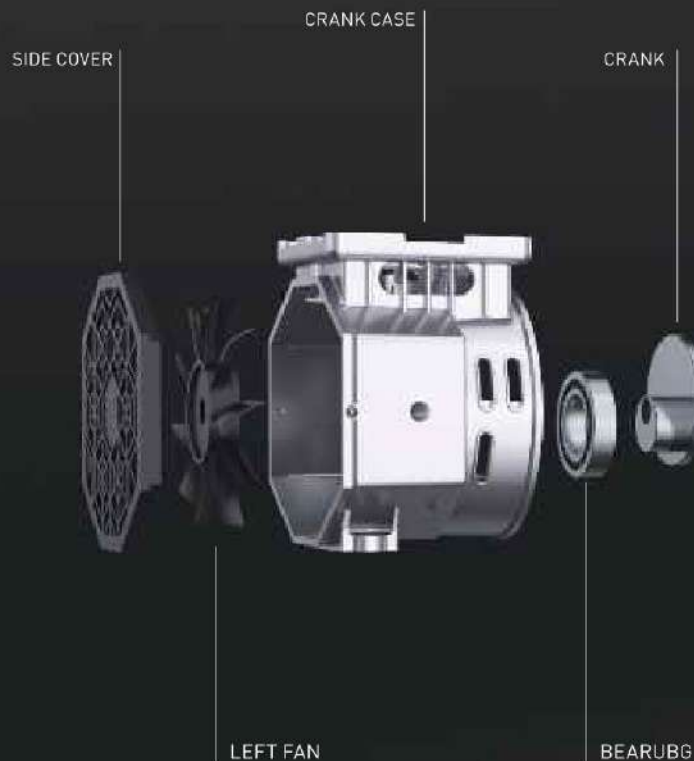


CYLINDER COVER

VALVE PLATE

CYLINDER

CONNECT ROD



SUPER SILENT

- ◆ The whole machine structure adopts brand-new three-dimensional optimization and design, while balancing inertia force and vibration reduction design, with reasonable structure and low vibration;
- ◆ Reasonable air flow channel design reduces the noise and loss of air flow. At the same time, it has higher volumetric efficiency and significantly lower noise than similar products.

HIGH SAFETY VESSEL

- ◆ Modern and advanced automatic electrical production line promise excellent quality.
- ◆ Imported LINCOLN welding machine guarantees the smooth welding without undercut.
- ◆ Weekly hydrostatic burst test uses 5 times design pressure to check steel quality and welding safety.
- ◆ The pressure vessel is separately equipped with CE certificates from certification authority-Tuv.

HIGH ELECTRICAL SAFETY FACTOR

- ◆ When the pressure of the air compressor reaches the upper limit of the set value of the pressure switch, it will automatically vent the pressure in the exhaust pipe in front of the check valve.
- ◆ The gas tank is equipped with a safety valve. When the pressure in the tank reaches the upper limit of the set value of the safety valve, the pressure in the tank will be discharged automatically. It is equipped with overload shutdown protection device.
- ◆ When the air compressor is overloaded in an abnormal state, resulting in the motor input current exceeding the setting current of the thermal relay in the control circuit, the thermal relay will automatically disconnect, cut off the power supply, and stop the motor and air compressor.

NO OIL LEAKAGE&NO AIR LEAKAGE

- ◆ Adopting international standard aluminum with less impurity&higher machining precision.
- ◆ Each vessel is passed air pressure examination which is 1.5 times higher than design pressure.
- ◆ Connecting parts test will be applied to each compressor on the assembly line.

ASPECTS OF OIL FREE



APPLICATIONS



FOOD & BEVERAGES



DENTISTRY



WOOD WORKING



PRINTING INDUSTRY

ADVANTAGES



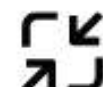
NOISE LESS



NO OIL OUTPUT



NO LEAKAGES



COMPACT DESIGN



SPECIFICATION CHART

MOTOR DRIVE	MODEL	TANK (Ltr)	FREQUENCY (Rated volt)	CYLINDER (Nos)	POWER (HP/W)	SPEED (Rpm)	DELIVERY (Lpm)	PRESSURE (Kgcm2)
OIL FREE	GDO24	25	220V/Single	2	550W	1450	138	8
	GDO50HD	50	220V/Single	2	750W	1450	230	8
	GDO50HD2	50	220V/Single	4	1500W	1450	276	8
	GDO80	80	220V/Single	6	2250W	1450	321	8
	OF50-1	50	220V/Single	2	750W	1440	230	8
	OF50-2	50	220V/Single	2	1500W	1440	280	8
	OF50-3	50	220V/Single	2	2000W	1440	340	8
	GDOHS30	30	220V/Single	2	1.5HP	2850	230	8
	GDOHS50	50	220V/Single	2	2HP	2850	260	8
	GDOHS110	110	220V/Single	4	4HP	2850	360	8
	GDOHS150L	150	220V/Single	6	6HP	2850	480	8
	GDOHS220L	220	220V/Single	6	8HP	2850	580	8



SPECIFICATION CHART (VERTICLE)

MOTOR DRIVE	MODEL	TANK (Ltr)	FREQUENCY (Rated volt)	CYLINDER (Nos)	POWER (HP/W)	SPEED (Rpm)	DELIVERY (Lpm)	PRESSURE (Kgcm2)
OIL FREE VERTICLE	GDO2000	50	220V/Single	2	2.5HP	1440	200	8
	GDOHS50CV	50	220V/Single	2	2.5HP	2850	260	8

ENGINE DRIVE AIR COMPRESSOR



SPECIFICATION CHART

MOTOR DRIVE	MODEL	TANK (Ltr)	FREQUENCY (Rated volt)	CYLINDER (Nos)	POWER (HP/W)	SPEED (Rpm)	DELIVERY (Lpm)	PRESSURE (Kgcm ²)
ENGINE	GPHSED1	50	GP412	1	2.5HP	3600	80	8
	GPHSED2	220	170F	2	7HP	3600	250	8
	GPHSD3	320	186F	2	7HP	3600	250	8

HIGH SECURITY



Using the internal spraying technology of the gas storage tank, it truly ensures that the discharged gas is clean and oil-free, while avoiding the corrosion of the tank body by the water in the compressed gas, the service life of the tank is greatly extended and its safety is reliably guaranteed.

HIGH STABILITY



High quality copper enameled wire with high temperature resistance conforming to the national standard B insulation, automatic production and testing equipment, increasing the stability and service life of the product.

ENERGY EFFICIENT



The high power factor design reduces the heating amount of reactive part current, saves more than 10% of power, and has obvious energy-saving effect.



SUPER QUIET



The whole machine structure adopts brand-new three-dimensional optimization and design, while balancing inertia force and vibration reduction design, with reasonable structure and low vibration; Reasonable air flow channel design reduces the noise and loss of air flow. At the same time, it has higher volumetric efficiency and significantly lower noise than similar products.



HIGH QUALITY MOTOR



The motor uses an advanced design system coupled with an all copper silicon steel sheet motor to ensure low input power, maximum efficiency, low energy consumption, high performance and high reliability.



FAST HEAT TRANSFER



Double sided air duct design is adopted to quickly cool the motor; At the same time, the axial flow nine leaf fan is adopted, with uniform air flow, good air supply effect and low noise.

OVERLOAD PROTECTION



The safety valve meeting the EU CE safety requirements is sensitive and automatically discharges below the design pressure of the pressure vessel; The high-quality solenoid valve can empty the gas in the high-pressure pipe when the power is cut off instantaneously. There is no need to vent after the power is plugged in, and the machine can be started immediately.

LOW MAINTENANCE COST



The piston ring is made of PTDE, a new self-lubricating and environmentally friendly material with a low coefficient of friction.

6061 aviation hard aluminium material, high temperature resistance, high hardness, anti-oxidation treatment of the inner wall aviation grade plating, effectively improve the surface density and wear resistance.

The inlet and exhaust valves are made of Swedish valve steel belt after more than 100 hours of precision rolling and polishing.