

SCREW AIR COMPRESSOR MODEL: LW-30PM-18Q



BRIEF INTRODUCTION:

- An integrated compressor system, provide very dry and clean compressed air
- VSD control screw unit is energy saving, stable, and silence working
- Plate heat exchange type refrigerant air dryer integrated to get dew point +3°C~+10°C, no water in air
- Multi-level precision filter filtration system
- No dust, oil less, No water for pure air source
- Mounted on 500 liters horizontal CE air tank
- Centralized automatic water drainage system
- Easy installation, save space, directly connect to laser machine to work

FEATURES:

1. High efficiency permanent magnet frequency conversion motor: Energy saving, high IP54 isolation protection level.
2. High efficiency screw main machine: low noise, high displacement
3. High efficiency precision filter: remove particles / moisture and oil vaporization.
4. Rigid pipe connection: reduce leakage and pressure loss.
5. R134a environmental protection efficient air refrigerant dryer.
6. Automatic drainage system.
7. Low noise and high flow cooling fan design.
8. Four filtration, pure air source.
9. Convenient installation, plug and play.
10. Closer to the gas source, reducing pressure drop.
11. Small compact body, large capacity dry and clean air for laser.



MULTI- LEVEL PRECISION FILTER FILTRATION

Item	Qty	Material	Oil	Dust	Grade
Q	1pc	Multi- layer glass fiber filter cartridge	≤5ppm	≤5μm	1 st grade filtration
P	1pc	Multi- layer absorption type glass fiber filter cartridge	≤0.5ppm	≤1μm	2 nd grade filtration
S	2pcs	Multi- layer absorption type glass fiber filter and mixed fabric cartridge	≤0.001ppm	≤0.01μm	3 rd grade filtration



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MACHINE PARTS:



- ① Touch Screen Controller
- ② INVT top brand Frequency Inverter
- ③ Oil filter
- ④ Thermostatic control valve
- ⑤ Soundproof plate
- ⑥ 500L Storage CE Air Tank
- ⑦ Efficient Cooling Fan Design

⑧ High Efficient IP54 Permanent Magnet Motor

⑨ Air filter

⑩ High Efficient Screw Air End

⑪ Plate Heat Exchange Type
R134a Refrigerant Air Dryer

⑫ Multi-level Precision Filter Filtration

⑬ Centralized Electronic Automatic
Water Drainage



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Model	LW-30PM-18Q		
Specification	F.A.D	: 1.6m ³ /min	
	Max exhaust air pressure	: 18Bar	
	Motor Power	: 22KW	30HP
	Volt./ph./Hz	: 380V/3ph/50Hz	
	Drive way	: direct drive	
	Cooling way	: Air cooling	
	Control way	: VSD control	
	Dimension (L x W x H)	: 1980 x 1040 x 1880mm	
	Weight	: 720kg	
	Air outlet port size	: G1	
	d(B)A	: 72±3	
Air purified filters	Num.	: 4pcs, 3 filtration grade	
	Dust	: ≤0.01μm	
	Oil	: ≤0.001ppm	
Refrigerant Air dryer	Type	: plate heat exchange type	
	Pressure dew point	: 3~10°C	
Air tank	Type	: horizontal	
	Standard	: CE certificated	
	capacity	: 500 liters	
Automatic Water	Interval of condense discharge	: 0.5min-45min adjustable	
	Discharge time	: 0.5S-10S adjustable	
Application	Laser Cutter Adaptor	: above 8000W	
Brand		: PIONEERAIR (Made in China)	