

4-IN-1 INTEGRATED AIR COMPRESSOR



STABLE AIR SUPERIOR CUT

16 / 20 bar

THE ULTIMATE AIR SOLUTION
FOR YOUR LASER CUTTER



ENGINEERED EXCLUSIVELY FOR LASER CUTTING EXCELLENCE



16-20 Bar
High Pressure



30-50%
Power Saving



400-500L
Receiver Tank



Protective Lens
Clean compressed air

WHY VERDES IS THE SMARTER CHOICE FOR YOUR PRODUCTIVITY

- Saves Precious Floor Space
- Get Up and Running in Hours, Not Days
- Protects your laser optics, extends their life
- Guarantees consistent performance even in demanding shifts



AIR AFTER-TREATMENT SYSTEM

- Equipped with Italy's ATS brand pipeline filters achieves 0.001µm filtration, eliminating 99.99% oil/water contaminants
- High quality refrigerated air dryer. Guarantees low pressure dew point removes 99% moisture



7-INCH TOUCH SCREEN PANEL

- Supports multiple languages
- Control panel has the remind & record function, Display the compressor situation clearly
- Monitor & control key compressor functions





HOW TO CHOOSE? MATCH YOUR COMPRESSOR TO YOUR LASER'S POWER.

Laser cutting machine power	Matching air compressor	Recommended cutting thickness (carbon steel)
Within 6Kw	15Kw 16 bar	Within 6mm
Within 10Kw	22Kw 16bar or 15Kw 20bar	About 8mm
12-30Kw	30/37Kw 16bar or 20bar	10-25mm

Note:

This guide is for reference. Final selection should consider all air-consuming equipment in the workshop. Performance may vary based on specific laser cutter and compressor models. For multiple machines, total air consumption must be calculated.

Plus and Basic series differences

	Air-end	Bearing	Air Supply	Max Pressure	Noise	Life of Air-end
PLUS SERIES	Hanbell AA / AH	8 / 6	More air	20 bar	58	Longer
BASIC SERIES	Baosi / Hanbell AC	4	-	16 bar	65	-

Basic Series Parameters

Model	VDCM20C-PMI/16	VDCM30C-PMI/16	VDCM50C-PMI/16	VDCM20C-PMI/20	VDCM30C-PMI/20	VDCM50C-PMI/20	
Power(kw)	15	22	37	15	22	37	
Horsepower(hp)	20	30	50	20	30	50	
Air displacement/Working pressure(m ³ /min./bar)	1.2/16	2.0/16	3.4/16	1.0/20	1.7/20	3.2/20	
Air Tank(L)	400	400	500	400	400	500	
Air outlet diameter	Rp 3/4	Rp 1	Rp 1-1/2	Rp 3/4	Rp 1	Rp 1-1/2	
Type	PM VSD			PM VSD			
Driven method	Direct driven						
Start method	VSD	VSD	VSD	VSD	VSD	VSD	
Dimension(mm) L*W*H	1800*750*1770	1800*850*1930	1990*980*1970	1800*750*1770	1800*850*1930	1990*980*1970	
Weight(kg)	520	630	870	520	630	870	



INNOVATING FOR STABLE PERFORMANCE

VERDES AIR COMPRESSOR

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