



TRINITY MK2

Kw 7,5 - 11 - 15
bar 8 - 10 - 13

TRINITY MK2



TRINITY MK2 series compressors replaces the traditional compressed air systems, incorporating filtration, refrigerated air dryer, air receiver with an energy efficient air end is ready for immediate installation with no additional piping or wiring. Having a small foot print and low noise allows for the unit to be installed in the immediate workplace meeting all Occupational Health and Safety regulations.

The advanced controllers fitted to the TRINITY series have been specifically developed to guarantee optimum monitoring and regulation of the compressor whilst in operation, allowing flexibility and full programming of the compressor compressed air system creating maximum efficiency and safety.



ELECTRONIC CONTROLLER

Controller with multi-function and multi-language backlight LCD graphic display, the menu is drop down type. In the main screen are displayed:

- Working Pressure
- Oil Temperature
- Compressor Status (STAND BY, OFFLOAD, ON LOAN)
- Fan Status (OFF/ON)
- Date and Time
- Hours Remaining Before Maintenance.

MASTER/SLAVE FUNCTION

It is possible to connect up to 4 compressors & manage the distribution of the workload. By dynamically changing the set pressures of each compressor it is possible to equalize the working hours of each compressor.



PS 26TF AIR-END

High Efficiency, Premium Performance
Air End ensuring low maintenance and
a long service life.

Fully featured rotary screw compressor



TRINITY MK2 screw compressors offer a complete package ranging from 7.5kW to 15kW with a pressure range from 8 to 13 bar, offering a clean oil free air supply to 0.1 mg/m³/min and a pressure dew point of +3°C.

The trinity series supplies operators with a high level of energy efficient clean compressed air to the production with the ability to tailor the output of the compressor through the control panel, minimising service and running costs.



BELT-DRIVEN TRANSMISSION AND BELT PROTECTION SYSTEM

The POLY-V belt-drive ensures and three times the service life compared to standard range compressors on the market. Belt tensioning is carried out through a slider system.



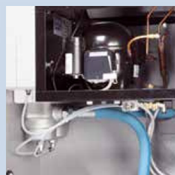
INTAKE REGULATOR

The highly reliable and robust electropneumatic system, adjusting the compressors operation to guarantee minimum pressure when idle and providing maximum energy savings on startup.



COOLING AIR PRE-FILTRATION PANEL

The standard pre-filter matting assists in keeping the inside of the machine clean and ensures ease of maintenance and cooler operation.



DRYER AND FILTERS

The TRINITY range features a fully integrated and complete air treatment system including a refrigerated air dryer and both inlet and



SPIN-ON FILTERS

The oil filter and Separator filter are both spin type, ensuring maximum efficiency and simple maintenance.

MINIMUM PRESSURE VALVE

The advanced design and high quality of engineering results increased air delivery in all operating conditions.



THERMOSTATIC VALVE

The thermostatic valve regulates the oil temperature, preventing the formation of condensation inside the oil-separator vessel.



HEAT EXCHANGER

The large combined heat machine operates within the optimum temperature band. The resulting lower temperature of the delivered compressed air means that the condensation can be removed more easily and of the refrigerated dryer. The lower oil temperature reduces wear and improves energy



COOLING SYSTEM

The thermostatically controlled centrifugal fan is activated automatically by means of the electronic controller. This allows the machine to quickly reach and precisely maintain the ideal operating temperature. The fan is protected by a safety security and at the same time meeting all international standards.

TRINITY MK2 Series

Model	Tank	Power		F.A.D			Max. Pressure		Sound level	Connection	Net Weights		Net Dimensions
	Litres	KW	HP	m ³ /min.	m ³ /h	CFM	bar	p.s.i.	dB(A)	G	Kg	Lbs	L x W x H (cm)
TRINITY MK2 7.5-08-270 DF	270	7.5	10	1.25	75	44	8	116	62	3/4"	326	719	156 x 70 x 158
TRINITY MK2 7.5-10-270 DF	270	7.5	10	1.00	60	35	10	145	62	3/4"	326	719	156 x 70 x 158
TRINITY MK2 7.5-13-270 DF	270	7.5	10	0.75	45	26	13	188	62	3/4"	336	741	156 x 70 x 158
TRINITY MK2 11-08-270 DF	270	11	15	1.65	99	58	8	116	65	3/4"	350	772	156 x 70 x 158
TRINITY MK2 11-10-270 DF	270	11	15	1.50	90	53	10	145	65	3/4"	350	772	156 x 70 x 158
TRINITY MK2 11-13-270 DF	270	11	15	1.15	69	41	13	188	65	3/4"	360	794	156 x 70 x 158
TRINITY MK2 15-08-270 DF	270	15	20	2.15	129	76	8	116	65	3/4"	376	829	156 x 70 x 158
TRINITY MK2 15-10-270 DF	270	15	20	1.85	111	65	10	145	65	3/4"	376	829	156 x 70 x 158
TRINITY MK2 15-13-270 DF	270	15	20	1.55	93	55	13	188	65	3/4"	386	851	156 x 70 x 158

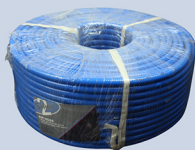
The air flow rates have been measured at the following working pressures:
 7.5 bar for model 8 bar - 9.5 bar for mod. 10 bar - 12.5 bar for mod. 13 bar.
 The data and performances were recorded in accordance with standard ISO 1217.
 The sound level was measured in accordance with PNEUROP/CAGI standards.

ACCESSORIES



PS.HOSEREEL

2SPRAY RETRACTABLE HOSE REEL
 20 MTR X 10MM



PA.20 OR PA.100

2spray Durable Air hose, 10mm diameter. Available in 20 mtr or 100mtr rolls.



PS.HALFMASK

Painters Respirator Kit, Complete with 2 x A1 Replaceable Filters, 4 x P2 Prefilters and Storage Container.



FR202 OR FR204

2SPRAY Filter Regulator, 60 CFM,
 Available in 1/4" or 3/8"



P.S.SPRAY1

2SPRAY Pressure Spray Bottle 1 Litre.



PS.GLOVES

Nitrile Powder Gloves, 6 MIL Grade, Solvent Proof.
 Available in Med - XXL

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