

TIDY 16BAR

Rotary Screw Air Compressors



11-22 kW



DALGAKIRAN

0,78-2,21
m³/min

11-22
kW

16
bar



TIDY 16BAR *SERIES*

Oil Injected, Belt Driven
Rotary Screw Air Compressors

Tidy 16Bar compressors always offer high performance in laser cutting machines and mining industries.



General Features

- High quality screw block and motor
- Electronic control
- Easy installation and quick implementation thanks to its compact design



Advantages

- A booster compressor is not needed to increase the pressure.
- Economic, service-friendly design minimizes downtime and reduces maintenance costs.





Screw Block

- Durable screw block provides high-capacity of air and is specially selected for each model's capacity requirement
- New rotor profiles for reduced loss air production and lower torque requirements
- Next gen bearing design for improved load bearing capabilities



Main Motor and Drive System

- Ultra Premium **IE4** efficiency-class electric motors
- Star/delta motor starter
- Belt-pulley drive system
- Easy-to-use belt tensioner and pulley bushing for easy servicing



Cooling System

- Temperature controlled additional fan motor



Air & Oil Separator

Spin-on separator

- Easy to replace, assemble, and disassemble





Controller

- Without the need for an external main controller, ability to co-aged work synchronized with Master/Slave for up to two compressors
- Internal ModBus communication
- User-friendly on-screen interface
- Alarm log records last 20 alarms

Model	Pressure		Capacity*		Motor kW/HP	Connection	Dimensions [Width x Length x Height] (mm)	Weight (kg)
	bar	psi	m ³ /min	cfm				
TIDY 16BAR 15	16	230	0,78	27,5	11/15	G 3/4"	1276 x 850 x 1435	217
TIDY 16BAR 20	16	230	1,27	44,9	15/20	G 3/4"	1276 x 850 x 1435	384
TIDY 16BAR 25	16	230	1,82	64,1	18,5/25	G 3/4"	1276 x 850 x 1435	448
TIDY 16BAR 30	16	230	2,21	77,9	22/30	G 3/4"	1276 x 850 x 1435	529

- Unit performances measured in reference conditions which are 1 bar absolute air pressure, %0 relative humidity, 20°C inlet air temperature.

- Dalgakiran reserves its rights to make changes in its products and specifications without prior notice.

* Refers to free air delivery measured according to ISO 1217:2009, Annex E standard.