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Titan**Power**

VARIABLE SPEED



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TitanPower

- **15-bar** machine
- Power range: **11 – 22 kW**
- Variable speed
- Made in Europe

AVAILABLE IN DIFFERENT VERSIONS:

- TITAN SERIES CDRY: "Fully equipped compressed air system", screw compressor + integrated dryer + compressed air tank
- TITAN SERIES FM: Floor-mounted version with integrated dryer

APPLICATIONS: ideal for industrial applications, CNC industry, automotive environments, or any application where dry and clean compressed air is required with minimal space requirements.

SINGLE POWER CABLE FOR BOTH THE COMPRESSOR AND DRYER, MAKING INSTALLATION SIMPLE, COST-EFFECTIVE, AND FASTER.

FILTER SYSTEM:

- Pre-filter (5 microns)
- Fine coalescence filter (1 micron)
- Both filters include automatic condensate drain





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Why TitanPower?

QUIET OPERATION

Radial fan combined with precise component arrangement and soundproofing results in one of the lowest noise levels in its class, ensuring a more comfortable work environment.

EASY MAINTENANCE

The low-speed air-ends and radial fans allow compressors to maintain the lowest noise values in their category, thus, ensuring the possibility for the installation close to the point-of-use.

COMPACT & MODULAR DESIGN

The TITAN SERIES is designed for maximum performance and reliability in a compact, space-saving format, with a variety of configuration options.

HIGH-QUALITY COMPRESSED AIR

Equipped with an integrated air treatment package, including a refrigerant dryer (3°C pressure dew point) and two inline filters, providing high-quality compressed air that improves product quality and efficiency.

PLUG & PLAY

The TitanPower comes fully assembled with compressor, refrigerant dryer, filtration, condensate drainage, advanced electronic controller, and air tank, making installation simple, cost-effective, and reliable.

HIGH EFFICIENCY & ENERGY SAVING

The TITAN SERIES IVR models feature the latest Variable Speed Drive (VSD) technology, coupled with IE3 Premium Efficiency motors and the DNAir2 controller, ensuring energy savings and optimal efficiency.





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Advanced Controller

The DNair2 allows for the control of up to 4 compressors within a system. Additionally, the controller offers advanced features such as diagnostic capabilities and full connectivity with external devices.



Spin-on Filter

The oil filter and separator filter, both in spin-on design, ensure maximum efficiency and easy maintenance.



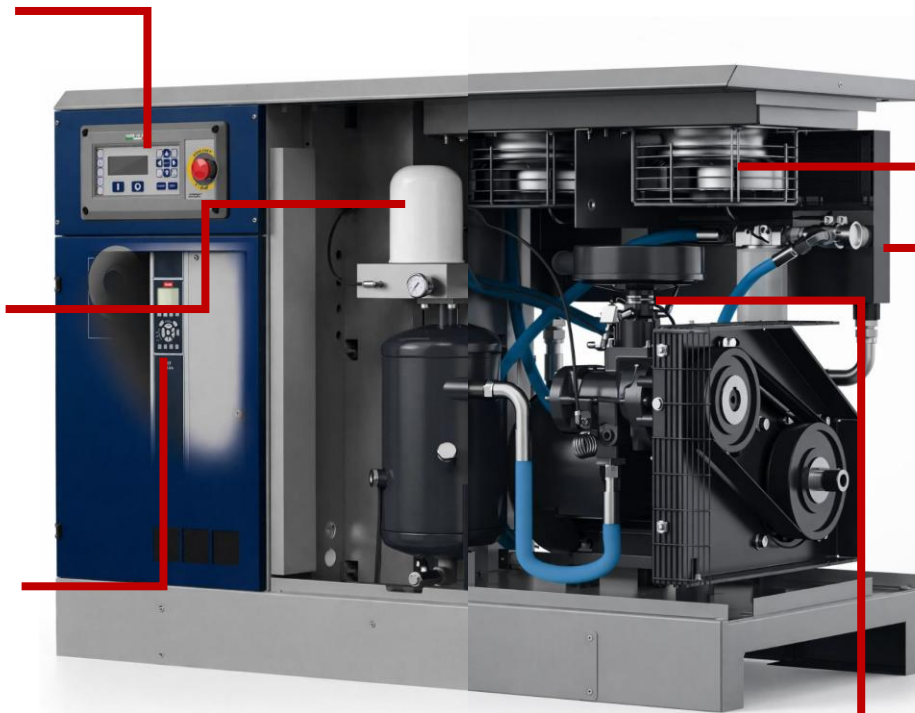
Inverter

The high-quality inverter guarantees optimal efficiency and energy savings across the entire speed and load range.



High-Quality Components

High-quality and highly reliable components are fully manufactured in Italy.



Cooling System

The thermostatically controlled radial fan is automatically managed by the DNair2 controller, allowing the compressor to quickly reach and maintain the ideal operating temperature. For maximum safety, the fan is protected by a safety guard. The 18.5 kW and 22 kW models are equipped with two fans.



Oil Cooler

Carefully designed to ensure highly efficient heat transfer with minimal pressure loss under all operating conditions.



Air Inlet Valve

The robust and reliable electro-pneumatic system adjusts compressor operation to maintain minimum pressure at idle and achieve maximum energy savings during start-up, ensuring an optimal balance between energy consumption and performance.



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Control with **DNAir2 Controller**

The advanced DNAir2 controller, installed in the TitanPower series, is specifically designed to ensure optimal monitoring and control of the compressor. It provides flexibility and full programmability of the entire compressed air station for maximum efficiency and safety.

KEY FEATURES OF THE DNAIR2 CONTROLLER:

- Multifunctional, multilingual LCD graphic display with backlighting
- Easy and intuitive menu with clearly identifiable symbols for optimal user-friendliness
- Weekly programming
- Master/Slave Function
- Displays important information such as:
 - Operating pressure (unloaded and loaded)
 - Oil temperature
 - Compressor status (stand-by, unloaded, loaded)
 - Cooling fan status (on/off)
 - Date and time
 - Remaining hours until maintenance
 - Load percentage
 - Dryer dew point (for models with dryer)
 - Total operating hours and loaded operating hours





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Technical **specification**

CODE	MODEL	TANK	MOTOR		FAD (L/MIN)		PRESSURE		SOUND LEVEL	CONNECTIONS	WEIGHT NETTO	WEIGHT BRUTTO	DIMENSIONS
		L	KW	HP	MIN.	AT 15 BAR	BAR	PSI	DB(A)	"	KG	KG	MM
36213-IVR-27TS15	TITANPOWER 15 TD270	270	11	15	475	1006	15	189	63	3/4"	419	434	1600x740x4580
36213-IVR-TS15	TITANPOWER 15 TD500	500	11	15	475	1006	15	189	63	3/4"	469	510	2000x740x1666
36214-IVR-27TS15	TITANPOWER 20 TD270	270	15	20	700	1531	15	189	67	3/4"	390	424	1600x740x1580
36214-IVR-TS15	TITANPOWER 20 TD500	500	15	20	700	1531	15	189	67	3/4"	490	530	2000x740x1666
36216-IVR-TS15	TITANPOWER 30 TD500	500	22	30	960	2100	15	189	71	3/4"	635	675	2000x760x1750