

Product details: SPARTUS® screw compressor with a tank and built-in air dryer [450/500 4kW 400V 10bar]

product code: SP4CTD500-450-10



Product variants

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SPARTUS® screw compressor with a tank and built-in air dryer [450/500 4kW 400V 10bar]
SP4CTD500-450-10

SPARTUS® screw compressor with a tank and built-in air dryer [270/500 4kW 400V 15bar]
SP4CTD500-270-15

SPARTUS® screw compressor with a tank and built-in air dryer [550/500 4kW 400V 8bar]
SP4CTD500-550-8

SPARTUS® screw compressor with a tank and built-in air dryer [500/500 5.5kW 400V 15bar]
SP5.5CTD500-500-15

SPARTUS® screw compressor with a tank and built-in air dryer [700/500 5.5kW 400V 10bar]
SP5.5CTD500-700-10

SPARTUS® screw compressor with a tank and built-in air dryer [800/500 5.5kW 400V 8bar]
SP5.5CTD500-800-8

Product description

Advantages of the device:

- reliable screw airends by global manufacturers (GHH RAND) designed for continuous operation,
- asymmetric design rotor's profiles to generate maximum power and performance at minimum energy cost,
- low-noise operation (68 dB),
- belt drive enabling easy modification of performance and maximum pressure by changing the pulley ratios,
- simplified access to maintain the airend,
- extensive function controller,
- an option of remote control of compressor,
- energy-saving operation mode (start of electric motor using start-delta circuit diagram; operation under load; temporary shut-off when no compressed air is available; exclusion of idle phases; energy consumption adapted to actual compressed air demand),
- electrically adjustable parameters (temperature of the air-oil mixture; compressed air pressure; "Emergency stop" button and device parameter control button),

- failure protection by means of emergency stop of the compressor, preceded by warning messages,
- automatic maintenance information messages; multi-level control system to eliminate unauthorized access to manipulate compressor parameters; control of non-volatile memory of the operating system and operating time in different operating systems, list of emergency shutdowns and maintenance work performed,
- a tank dedicated to the compressor power, with a capacity of 270 or 500l, ensuring uninterrupted transmission of the medium to the installation,
- built-in refrigeration air dryer with a set of pre-filters to ensure excellent quality of the working medium.

Technical details

Pressure	10bar
Capacity	450l/min
Power	4kW
Drive	belt
Loudness	68dB
Weight	405kg
Dimensions	2030x695x1585mm
Tank	500l