FREQUENCY INVERTER

HI-TECH VACUUM

Compact technology, powerful and built-to-last this characterizes the frequency inverter that regulates and manages the performance of iVision vacuums. The inverter operates the normal work of the turbines or intervenes instantaneously in all of the possible emergencies that may occur by increasing or decreasing the RPM of the engines in order
to ensure the same performance for the system even in the case that a machine that the vacuum is attached to stops working.

For example, in the case that a turbine breaks or the filter clogs, the suction power is reduced and in that moment the sensors enable the inverter to increase the engine speed in order to compensate for the loss in power. All this prevents the need
for production to stop or potential damage to the machines especially in cases where the vacuums are attached to more than one machine in a factory.

In addition to ensuring the highest performance of the factory, it's able to optimize the consumption of power by monitoring the number of machines working. For example, in the case of a factory with machine tools with only some working and others that are not, the inverter can adjust the consumption of electricity of the entire system to the minimum amount necessary.

It features an incomparable reliability and ease of use that can be programmed to perform even the most complex operations. Additionally, it is designed so that air ventilation is not in contact with the electronics.

Turbine n°1

Turbine n°2

Turbine n°3

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