



ERTP HIBOX

*Autonomous and connected
vacuum package*

Product description :

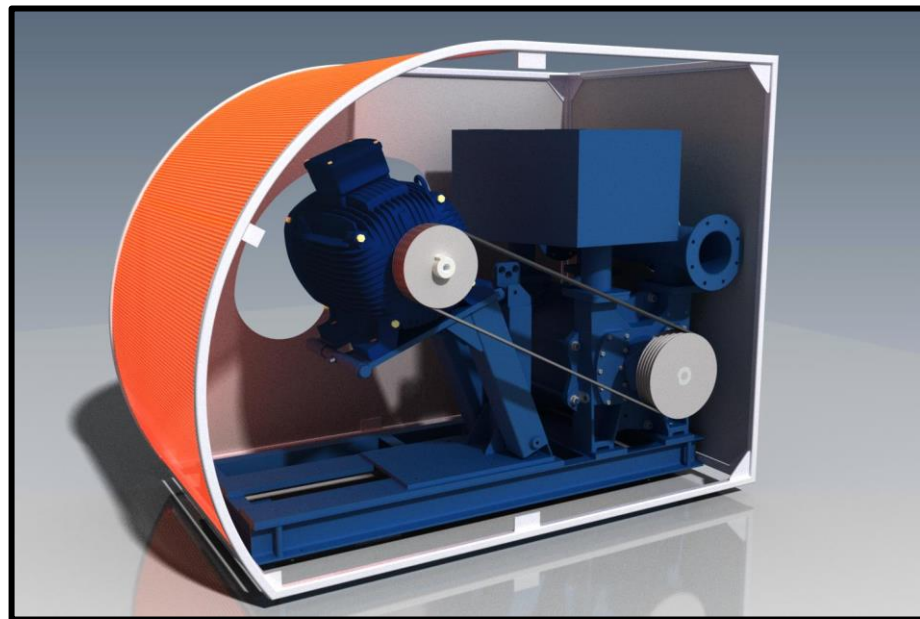
- *ERTP Hibox, a new autonomous and connected vacuum package*

With this new product, ERTP Hibon Liquid ring pumps has insisted on the autonomy and connectivity of the vacuum package. This autonomy is possible thanks to the presence of a Programmable Logic Controller (PLC), which regulates the rotation speed of the pump and collects the information sent by several sensors. The embedded intelligence allows the package to monitor itself, and to adapt its running characteristics according to the measured information or the programmed conditions.

The connectivity of this package is ensured by the PLC, controlled by its touch pad, or from a computer or a smartphone connected on the company internal network. The user can then accede to many information as the last records or alarm signals, and he also can decide to modify the operating point or the alarm levels.

The new ERTP HIBOX package is also equipped with many technical innovations, such as an automatic belt tensioning option, a new separator efficient on the whole operating range of the pump, or an adaptable manifold which permits a serial connection of different ERTP HIBON packages, as well as an easier connection to the company vacuum network.

This new innovative product is adaptive thanks to its different independent options that could be acquired progressively according to your needs. The ERTP HIBOX package is already available to commercialization for your different vacuum applications.





Customer benefits:

- **Marketable product from today, with these answers:**
- ✓ Quietening and separating gas / fluid whatever my operating point is.
Maintaining and cleaning easily my separator tank.
→ New generation separator
- ✓ Easy connection to the suction piping of the customer, Putting in series several groups
→ flexible manifold
- ✓ Ensuring an automatic belt tensioning, adjusting this one during operation.
Continuing to work temporarily without intervention in case of a broken belt
→ Automatic belt tensioning kit

Customer benefits:

➤ Marketable product from today, with these answers:

- ✓ Adapting my rotation speed according to my process needs
→ Frequency converter covering the whole vacuum pump operating range
- ✓ Piloting my rotation speed next to the machine, or from the control room
→ Tactile pad directly accessible or from a pc on the internal network company
- ✓ Controlling the operating parameters
→ A set of sensors connected to the PLC allows a direct view of these parameters. Directly on the tactile pad or remotely from a smartphone or a computer

Customer benefits:

- Marketable product from today, with these answers:
 - ✓ Setting up alarms warning me according to my process requirements
→ Programmable Logic Controller (PLC) program customizable and supervision possible from the internal company network.
 - ✓ Keeping a constant vacuum level
→ Autonomous regulation controlled by a single click
 - ✓ ERTP HIBOX package is an evolving product, the HIBOX functionalities can also upgrade an ERTP HIBON standard liquid ring pump package, the customer selecting the options as needed.