

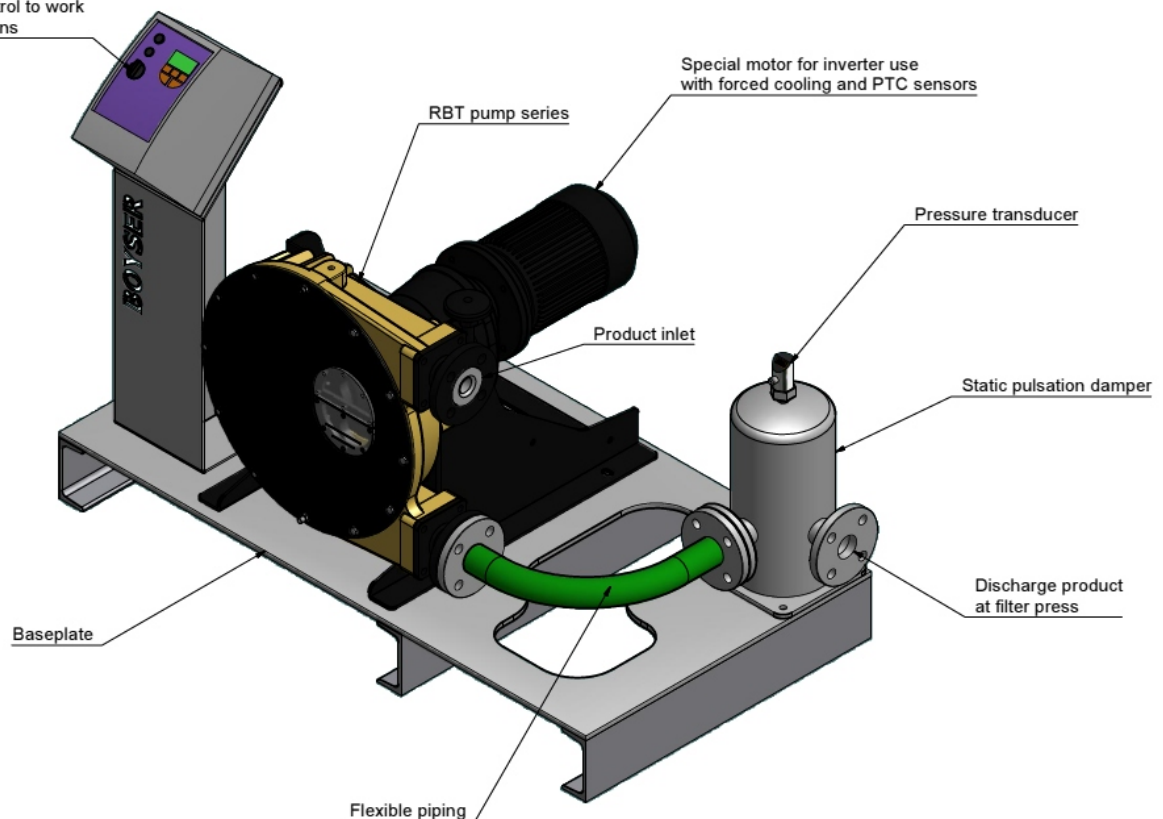


Industrial Peristaltic Pumps

Press filter feed

- PUMP: With our RBT pump series we can operate filter press and regulate pressure feed till 15 bar pressure.
- INVERTER: An external inverter will be necessary to regulate pump speed, when feeding process starts the speed of the pump has maximum values and will decrease until arriving at selected maximum pressure with minimum selected speed. The inverter have to be sensorless vector control in order to assure accurate speed control under all load conditions. Also integrated PLC functions are recommended to take maximum efficiency of your filter press process.
- PRESSURE TRANSDUCER: A 4-20mA signal pressure transducer normally with diaphragm seal has to be used to regulate pump speed through the inverter.
- PULSATION DAMPER: A very simple static pulsation damper could be used in order to install the pressure transducer on the top, in this way we will reduce pulsating effect and will improve pressure lecture.
- MOTOR: Specific motor for inverter use, with forced cooling auxiliary motor and PTC sensors.
- SKID OPTION: A complete skid option is available with all mentioned elements integrated, tested and assembled in a common metallic baseplate, ready to plug and use.

Inverter to regulate pump speed,
sensorless vector control to work
under all load conditions





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SYSTEM ADVANTAGES

- HIGH EFFICIENCY thanks to their versatility and capacity to adapt to the system at the medium characteristics.
- END PRESSURE easy to modify by pre-selection.
- PROCESS END at low speed and maximum pressure, as a result an extreme dry product, especially comparing with other pump systems like A.O.D.D. pumps.
- HIGH ENERGETIC EFFICIENCY, just one electric motor driven by external inverter.
- NOT air consumption.
- ABRASION RESISTANCE, hose pump always offers the best performance concerning abrasion resistance.

