



## APPLICATION

This application uses the customer's own pre-process effluent storage tank. The tank is fitted with a submerged pump to convey the effluents for processing. The pump control system is provided by us. The Autoneutral station is used to neutralise the effluent to bring its pH to an acceptable level by acidifying it with CO<sub>2</sub>.

## PRINCIPE DE FONCTIONNEMENT

The station uses the following items:

- A solenoid valve to drain the tank automatically once neutralisation is complete
- An automatic solenoid valve for sampling
- A general control cabinet for the automated operation of the processing unit
  - Flow controls
  - Solenoid valve control
  - pH-meter to manage the NEUTRALISATION
- The station is Skid-mounted and can be relocated by forklift truck.
- The CO<sub>2</sub>, in a pressurised cylinder (supplied by the customer), is introduced into the tank to acidify the base solution

All parts in contact with the product are made from 316L stainless steel or PVC. The tank is made from polyethylene.

## DESIGN

- Single tank (Available in a range of volumes)
- Recirculating pump
- A pH probe in the neutralisation tank to send signals to the pH meter
- A pressure sensor
- Control cabinet
- CO<sub>2</sub> cylinder

# TECHNICAL DATA

> Drawing for illustration purposes

