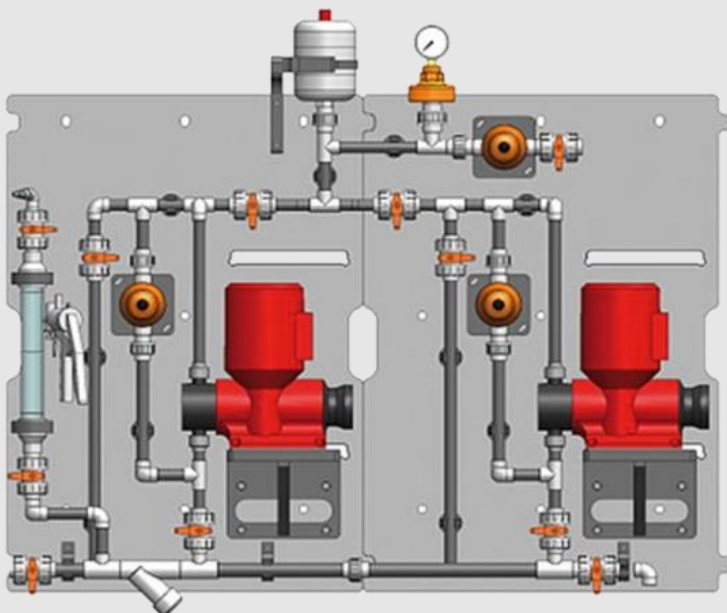
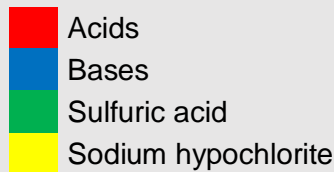


DOSINGBOX®

- Box made of durable HDPE resistant to impact, UV, corrosion and chemical products;
- Protects workers and environment;
- 2 locking systems per door;
- PPE box (personal protection equipment); (PPE included: anti-acid coverall, gloves and face guard)
- Security recommendations molded on door;
- Product clearly identified by its name, UN code and hazard pictogram related;
- Integrated retention for dripping (25 to 65 L) and valve for drainage;
- Installation on tank, wall or support;
- Easily adaptable to your process;
- Door colors choice in accordance with the chemical to inject.



Your injection system is entirely calibrated and tested before delivery:

- Hydrostatic pressure test 120 min;
- Pressure relief valve adjusted and tested;
- Back pressure valve adjusted and tested;
- Pressure dampener charged with compressed air and tested;
- Completed pre-shipment check list, dated, and signed.

DOSINGBOX® Available dimensions:

1 door	37" x 24" x 53"H
2 doors	59" x 24" x 53"H
3 doors	87" x 24" x 53"H

If your system is not standard, we can easily conceive and fabricate in accordance with your specification.

IWAKI DIAPHRAGM DOSING PUMPS

The main element of your injection system is the pump. It is carefully selected by our conception team based upon the fluid, required flow and pressure.

We propose a selection of pumps that can inject up to 856 GPH (3240 LPH) with discharge pressure up to 290 psi.



- Suitable for corrosive chemicals;
- Suitable for degassing chemicals;
- Suitable for viscous chemicals up to 1000 cP;
- Dry suction lifts up to 1.5m of water.

Control types :

- On/Off
- Batch or timer
- Pulse
- 4-20mA



CONTROLLER WALCHEM W600

Your injection system is specially adapted to your process, allowing you to reduce the operator intervention, increase safety and optimise chemical consumption.

This compact and economical controller offers many possible options for inputs and outputs.

- Touch screen;
- Graph display;
- Datalogging;
- English/French;
- Nema 4X (IP65), CE, UL, CSA;
- Option : Ethernet, Modbus TCP/IP;
- Wall mount or panel mount.



SYSTEM COMPONENTS

Our standard injection systems are assembled with rigid piping. All the system components are selected based on the pump, the fluid to inject and its particularities.

Our extensive plumbing distribution line brings all the best industrial plastic products of the market in your dosing system.

- Valves.
- Pressure relief valves.
- Back pressure valves.
- Calibration column.
- Pressure gauge with gauge guard.
- Pressure dampener.
- Injection quill.
- Y-strainer or foot valve.

Our injection skid can be piped with PVC, CPVC, Polypropylene or Polyvinylidene fluoride (PVDF). In PVC and CPVC we assemble with cement weld, thread (when acceptable) or flanges. With polypropylene and PVDF we have the means and expertise to assemble by Infra red butt fusion.

True union ball valve

Many ball valves are included in an injection system, it is the most repeated component.

- True union style for easy maintenance.
- Lockable as a standard feature for safety.
- Available with a vented ball for degassing applications.
- Easy labeling option or color-coded handle.
- Integrated stainless steel mounting inserts for installation.



Manual priming pump

This optional component is complementary to a suction lift installation. Used to manually pump the liquid from the storage tank to the box. This avoids pumping an excessive quantity of air into the pumping circuit and facilitates pump priming.



Leak detector

Safety first, the leak detector sensor is the number one accessory you want on your injection system. The leak detector is linked to a visual and audible alarm, informing you of the situation as soon as it occurs, prompting corrective actions quickly.

SOLUTION THROUGH INNOVATION!

Customized to your need, we have many options to optimise your injection system. Whether is it a simple internal lighting, an ultrasonic flowmeter, an automatic degassing valve or a custom-made support, we have what is required to meet your demand.

Cy-Bo Plastics proposes a wide array of products and systems for your installations:

- Tanks;
- Plumbing;
- Pumps;
- Instrumentation and control;
- Ventilation and air treatment;
- Filtration systems;
- Transloading box.

In addition to offering very practical services:

- Help in specification redaction;
- Training and lunch and learn;
- Repairs and modifications;
- Delivery, installation and start-up;
- On site construction.

