

# INSTRUCTIONS FOR THE INSTALLATION OF THE TRAFFIC BARRIER

FOR A PERFECT APPLICATION AND CORRECT PERFORMANCE OF **BAYT 980** ITS IS RECOMMENDED TO KEEP TO THE INSTRUCTIONS AND DIAGRAMS IN THIS MANUAL **IMPORTANT:** THE COMPLETE INSTALLATION IS TO BE CARRIED OUT BY QUALIFIED TECHNICIANS IN COMPLIANCE WITH THE NORMS EN 12453- EN 12445, AND THE MACHINE DIRECTIVE 98/37/EC. A RISK ANALYSIS IS REQUIRED IN COMPLIANCE WITH THE EXISTING SAFETY NORMS.

## GENERAL FEATURES:

**"Bayt 980"** is an oil-hydraulic automation fitted with an aluminium beam to provide a moving barrier where traffic is required to be controlled or stopped from accesses, roads or properties, mainly industrial.

The mechanism is enclosed in a housing cabinet made of metal sheet, rust treated, paint finishing; a stainless steel option is available on request. It includes the hydraulic assembly, the return spring to balance the beam movements and the electronic control unit fitted inside a box. A power cut off switch is fitted to the door allowing safe access to the mechanism for maintenance or service.

Three versions are available, depending on the application requirements. A slow down device is incorporated in both up and down cycles of the beam, adjustable in the down cycle to decrease speed over the last degrees of the beam rotation.

The motor pump unit and the oil-hydraulic actuator are incorporated into a single, compact block.

## PRELIMINARY INSPECTIONS

Before installing bayt 980 it is recommended to make sure that:

- The surface of the site is adequate to take the automation
- No obstacles interfere with the movements of the beam
- The excavation required to lay the electric cables of the automation does not run into underground services
- A Risk analysis is to be carried out as indicated in the book safety Norms. The installation must be in full compliance with the existing safety regulations.

## INSTALLATION OF THE BARRIER BAYT 980

### BAYT 980 RIGHT- AND LEFT-HAND UNITS: IDENTIFICATION

Bayt 980 is designed as a handed product. It can be right- or left-handed, viewed from outside: in both cases the inner configuration is such that the hydraulic actuator always pushes the beam to rise in the opening cycle (Pic.1)

