

## SWGO-1000



## GENERAL DESCRIPTION

Optima SWGO-1000 hydraulic swing gate operators are designed for high traffic, commercial and industrial applications. Every kind of card reader, biometric readers, radio control, key switches, etc. can be used to start or stop the hydraulic swing gate operator, with the help of Optima PLC (Programmable Logical Control) controls. Closing the swing gate can be utilized by automatic time delay facility, as well as inputs from other sources and time delay can be adjusted between any time intervals by PLC. The cabinet is manufactured from 2 mm thick sheet metal, galvanized, electrostatically epoxy powder coated.

## ENVIRONMENTAL CONDITIONS AND POWER REQUIREMENT

Between -15°C and +65°C, 95% non-condensing humidity; 220-240 VAC, mono phase, 50-60Hz. (or 380V , three phase, 50-60 Hz, 220V/440V/etc. optional by transformer).

## STANDARD FEATURES IN SWGO-1000

- ➔ Type: Heavy duty.
- ➔ Maximum lead weight 1000 kg (valid for double leaf gate).
- ➔ Double action 30/50 diameters hydraulic cylinder with cushion system.
- ➔ Manual hand pump is standard in SWGO-1000 therefore in case of power failure.
- ➔ Cycle: Continuous 24 hours.
- ➔ Protection: IP65.
- ➔ Mounting: By separate galvanized anchoring plate.
- ➔ Auto close: Adjustable time period.

## STANDARD ACCESSORIES

- ➔ Flashing light.
- ➔ Hydraulic pistons.
- ➔ Safety photocell.
- ➔ Industrial type keyboard.

## OPTIONAL ACCESSORIES

- ➔ Red/green traffic lights with steel pole.
- ➔ Dual vehicle safety loop detector.
- ➔ Safety edge sensor.
- ➔ Stand and casing for safety photocell.
- ➔ Radio receiver & antenna.
- ➔ Radio transmitter.
- ➔ Uninterruptable power supply (UPS).
- ➔ SCADA or any control system: It is possible to change and check the position of with touch screen control panel,
- ➔ mobile devices (ios-android), computer, etc.

## MAIN BODY MEASUREMENTS

