

## TP-SWO 1000 SWING GATE OPERATOR



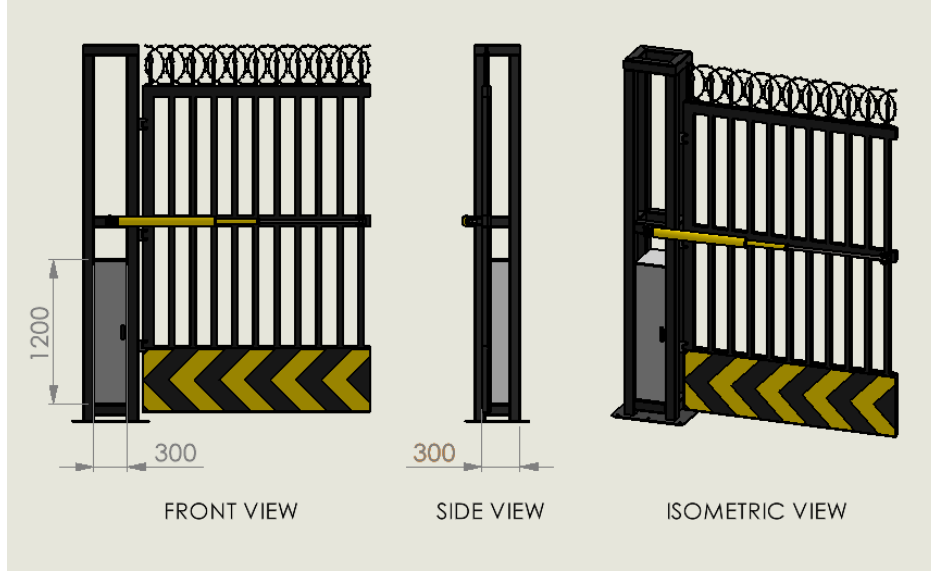
### GENERAL INFORMATION

TP-SWO series hydraulic swing gate operator is suitable for heavy traffic gates up to 1000 kg weight. Thanks to the PLC Inverter controller, start or stop motion can be done with all kinds of card readers, biometric readers, radio control, key switches, etc. Closing can be done remotely with the control system, or it can be done automatically at a specified time with the time delay feature.

### MAIN CHARACTERISTICS

- Sequential opening and closing feature between wings,
- Capacity of handling 1000 kg maximum gate weight,
- With its modular structure, the system provides ease of disassembling, transportation and installation,
- Easy to install, low maintenance cost,
- During a power failure, it can be controlled manually by knob-operating releasing mechanism,
- Have an aesthetic and elegant design,
- Can be integrated with other access control systems,
- Robust structure can resist to harsh environmental conditions,
- Thanks to the engineering approach and experienced staffs, unique and practical solutions are provided according to site requirements and demands.

### TECHNICAL SPECIFICATION



### PHYSICAL CHARACTERISTICS

<b>CASE DIMENSIONS</b>	300mm x 300mm x 1250mm (W x L x H)
<b>MECHANISM</b>	Hydraulic cylinder
<b>CASE</b>	Manufacture of 2 mm thickness of electrostatic painted DKP steel sheet plate case

### OPERATIONAL CHARACTERISTICS

<b>OPERATION</b>	Hydraulic
<b>POWER (MOTOR)</b>	220 VAC, 50 - 60 Hz, 1Phase, 0,75 kW
<b>SPEED</b>	6-8 seconds (for 4 meters of wing)
<b>OPERATION FREQUENCY</b>	Intensive usage
<b>CONTROL</b>	PLC inverter control system has motor, driver and electromechanical switch
<b>EMERGENCY OPERATION</b>	Swing gate systems allow free pass in emergency, fire alarm etc. situations.
<b>POSITION DETECTION</b>	Contactless Limit Switch
<b>SAFETY</b>	Photocell, Loop detector
<b>MANUEL OPERATION</b>	Hydraulic manual valve

### RESISTANCE CHARACTERISTICS

<b>PROTECTION CLASS</b>	IP 65
<b>ENVIRONMENTAL CONDITIONS</b>	Durability in various harsh environmental conditions like extreme colds, high temperatures (-20 °C / +70 °C)

### CERTIFICATIONS AND WARRANTY

<b>CERTIFICATIONS</b>	ISO 9001:2015, ISO 14001:2015, OHSAS 18001, CE, TSE
<b>WARRANTY</b>	2 years