



## SWG



## GENERAL DESCRIPTION

Optima SWG series swing gate are designed for high-security entrance points, military, embassy, commercial and industrial applications. Standard gate height is 2.4 m and the swing gate can secure a road width up to 1-6 meter (for single leaf), 3-12 meters (for double leaves). Optima designs and manufactures gates with different dimensions according to the client request.

## FEATURES

- Single leaf or double leaves option is available.
- Swing gate, hydraulic operated.
- In case of power failure, a manual hand pump is provided.
- The frame is made of all-around welded rectangular steel sections.
- Vertical bar infill made of rectangular steel in max 120 mm clear distance.
- Full covered gate option is available by steel sheets.
- Special hinges made by CNC machine are used to hold the gate leaf.
- Hinge posts are made rectangular steel sections. They are mounted to the concrete by anchoring structure.
- With the help of the frequency controller any type of speed control like a slow start, fast linear motion and slow stop can be achieved.



## ENVIRONMENTAL CONDITIONS AND POWER REQUIREMENT

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

## STANDARD ACCESSORIES

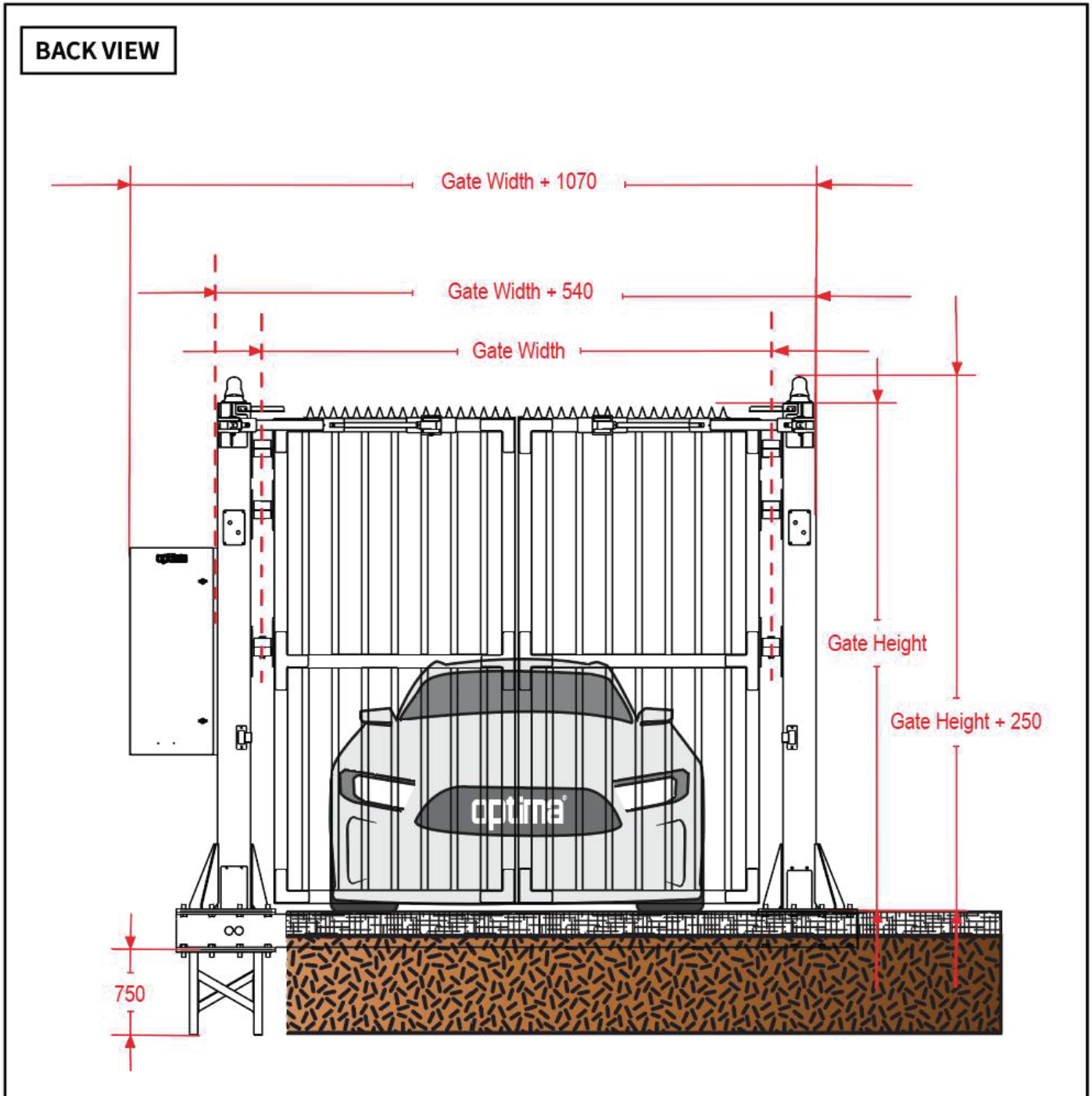
- Flashing light.
- Hydraulic Pistons.
- Safety photocell.
- Industrial type keyboard.

## OPTIONAL ACCESSORIES

- Red/green traffic lights with a steel pole.
- Dual vehicle safety loop detector.
- Safety edge sensor.
- Stand and casing for safety photocell.
- Anti-climb wire mesh.
- Hot-dip galvanizing.
- Radio receiver & antenna.
- Radio transmitter.
- "STOP" sign, aluminum plate with mounting pole.
- Uninterruptable power supply (UPS).
- SCADA or any control system: It is possible to change and check the position of swing gate with a touch screen control panel, mobile devices (ios-android), computer, etc.



## MAIN BODY MEASUREMENTS



Loc 1: Antelias, Seaside, SSS Bldg, beside AISHTI.  
Loc 2: Bchamoun, Behind Louise Wegmann, SSS Bldg.

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