



CG Series Heavy Duty Cantilever Gates



General Description

CG series OPTIMA cantilever gates are designed for high traffic, military, commercial and industrial applications. Cantilever gate height is 2.4 m and the gate has 5m opening width. OPTIMA designs and manufactures gates up to 3 m heights. There is not a standard length for cantilever gates but gates up to 12 m have already been designed and manufactured. Generally, top of the cantilever gate is serrated. Lower part of the gate is closed by 3mm thickness sheet metal which is yellow/black painted. There are polyamide rollers which keep the door vertical and in line. Also, polyamide rollers reduce noise and vibration during operation. These rollers can be adjusted horizontally to keep the sliding gate exactly vertical. Gate includes several carrying mechanisms which make gate functional and the gate performs movement on these carrying mechanisms. Buttresses are fixed to the ground by steel anchors. Both cantilever gates and the buttresses are galvanized (60 micrometers) and then painted to black with yellow stripes. There is a "STOP" sign in the middle of the gate. All the designs of OPTIMA are made by Finite Element Analysis according to K12 standards.

When used with OPTIMA ESGO 4000, sliding gates with a weight up to 4000kg can be operated. With the help of the frequency controller any type of speed control like slow start, fast linear motion and slow stop, can be achieved. This facility brings increased vehicle passing capacity without losing any degree of security.

