



GDS Boom

GENERAL INFORMATION

Boom gate with extendable 4-6 metre boom arm.

Easy installation

- Fixed in position by bolting a holding plate down with 4 x M10 Masonry anchor bolts.
- Once in place it is simply a matter of connecting the power and any control devices.

Uses an Elsema MCS board to facilitate a wide range of functions

- Auto close - after a designated time delay
- Security close - in conjunction with a photo cell or loop detector, activates the closing cycle when it detects the passage of a vehicle. An adjustable timer allows the vehicle to clear the gateway before the boom closes.
- Obstruction Sensing - During the closing cycle, the boom will automatically return to the open position if an obstruction occurs and is detected by PE Cells or loop detector.
- Built in Battery Back up facility - just add batteries

Drive System

A powerful 80w 24V DC geared motor drives this system.

The boom arm is driven directly through linkages and gearbox.

Control Devices

Compatible with a wide range of devices, hand held radio transmitters, induction loops, photo electric cells, keypad, key switch, card reader, digital access systems, ticketing machine.

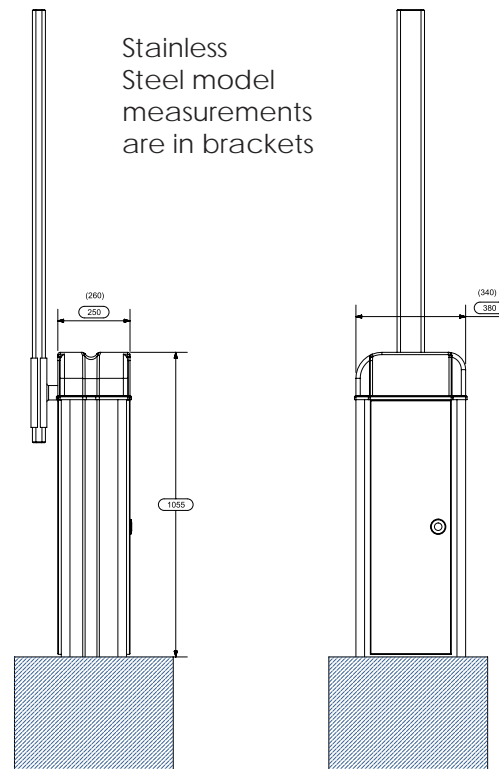
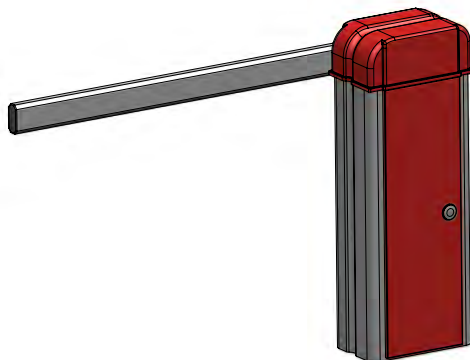
TECHNICAL DETAILS

MODEL	GDS BOOM Adjustable 4m to 6m arm	Operational Speed	6 seconds
Power	240v 50Hz, or 24v DC, or Solar	Operational Temp Range	-15° to 60°
Duty Cycle	Continuous - 100%	Construction	Both the drive system and control circuit are fixed to a rigid steel chassis and enclosed by a robust steel cover. The door may be easily opened for service. The cover has a standard white body with orange powder coat lid.
Weight	Base 60Kg Arm 1.4Kg/M	OPTIONAL:	grade 316 Stainless Steel Cabinets

SPECIFICATIONS

Resting current draw 14mA working current draw 3A

Suggested Concrete Plinth measurements
550mmx550mmx400mmdeep - at 20 MPA



Supplied by:



Note: All automation applications require external photo electric cell protection/ induction loop and appropriate warning signs and/or devices.