

Introductory

Barrier Gate

PS - 888

Paxtor PS-888 is an automatic mechanical barrier that efficiently manages vehicle traffic flow in residential, commercial and industrial car parks. It is the most rapid and cost-effective method to control vehicle movement because it is extremely reliable, safe and simple to operate both from indoors and outdoors.

The chassis is made from mild steel, spray-coated with a layer of durable stove paint. It has an in-built key door and a release clutch mechanism where you can operate it manually in case of a power failure. The boom arm may be positioned front as well as back, left or right hand orientated with just easy refitting. The boom arm is secured to a large solid bar supported firmly by 2 ball-bearing blocks across the full length of the top section. A spring device, 2 limit switches and large rubber stoppers are specifically incorporated to produce a smooth and consistent action of the

rotating arm. Approaching the end of rotation, the control board automatically switches the DC motors into low speed for a cushioned stopping. The DC motor drive guarantees a high start/running torque and is very suitable for 24 hours constant application. It comes with a base plate equipped with 4 bolted anchors for easy assembling. Thus making it simpler to build a strong foundation to fit the base plate ensuring it to last longer. The standard boom is 3m of rectangular aluminum (25X76X1.5mm) with red reflecting stripes. Articulated boom arms and round arm (64mm/dia X 1.5mm) for restricted and limited space use are also available. Paxtor PS-888 can either be used with access cards or loop detectors, making the Paxter barrier gate the most

economical, efficient and practical solution for vehicle passage management.



Features

- Heavy-duty design for 24-hours continuous application
- Barrier arm can be left or right orientated by easy refitting
- Autoclosing function is selectable with instant or delay closing
- Low speed set by open or close limit switch for cushioning effect
- Multiple push button for Open, Close and Open/Stop/Close function
- Simple interface with proximity card and loop detector application
- Articulated or folding arm available for limited height application
- Most of the accessories and spare parts are common items
- Barrier arm can be manually lifted via a clutch-release key
- Weather-resistant coating against hostile environments
- Round hollow arm available for 2 to 6 metres length

Technical Data

Input power supply	230Vac, 50Hz
Motor rated power	120W, 24Vdc
Motor current drain	5 Amps
Rotating duration (90 deg.)	2 - 8 seconds
Cycle per 24 hrs (open & close)	10,000 (8S/cycle)
Barrier arm length	2 - 6 metres
Safety device	Mechanical clutch
Shaft torque	220 Nm
Battery back-up	Optional
Lubrication	Grease
Operating temperature	-20 to 70 deg. C
Weight (packaged)	55 Kg
Packaged dimension(mm)	340 x 275 x 1080



PAXTER

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Barrier Gate Dimensions (in mm)

