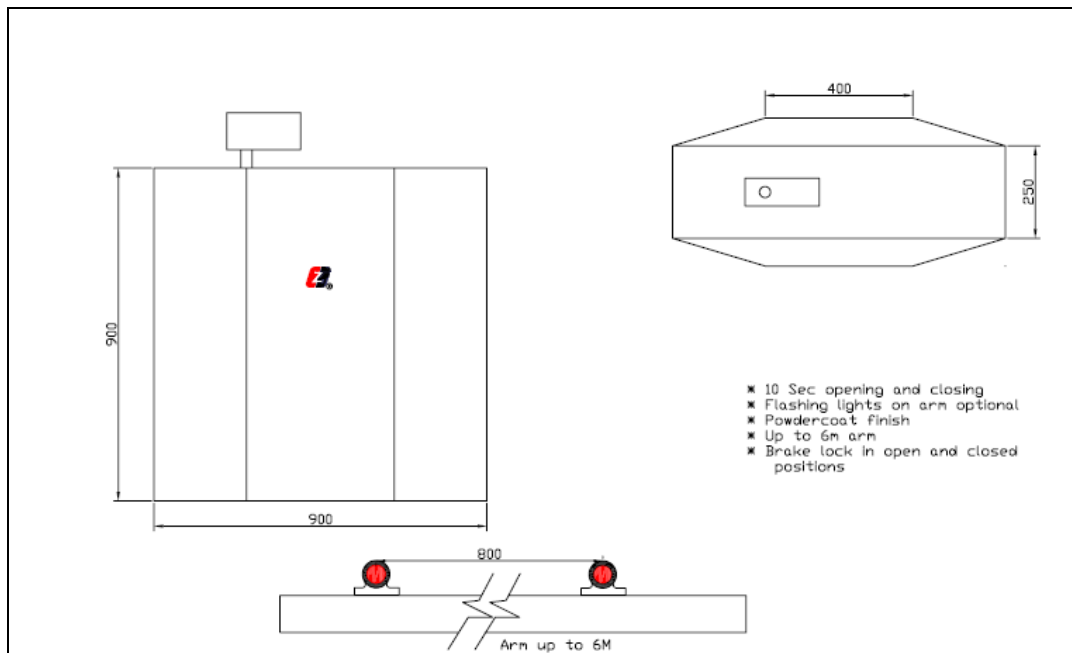


# The Horizontal Traffic Barrier System

Ezi Security manufacture its products where we are able to guarantee optimum quality control  
Ezi Security specialises in the manufacturing, sales, installations and servicing of physical barrier systems to our exacting standards



The Ezi Horizontal Barrier is specifically designed as a true industrial quality product. Whether it's to regulate traffic, warn of danger or to implement traffic calming, the Ezi Barrier provides reliable and trouble free performance.

With a quality torque drive motor/gearbox and state of the art electronics the Ezi Barrier offers a true 100% duty cycle product.

Our logic control, through the use of a true PLC, offers high performance and reliability through the use of Ezi's proven software programming expertise. This PLC system also allows for special and auxiliary features to be added without major parts redundancy. For example, traffic light controls, flashing and audible warnings and indeed full compatibility with all access control systems.

All Ezi Barriers are of robust design and constructed in stainless steel and powder coat painted.

This is done to overcome extreme corrosive environments and give longevity to the working life of the product.

Of course access to our cabinets is via a secure and lockable cabinet door that provides serviceability and access to electronic controls and the torque drive mechanism.

Barrier arms are constructed from round aluminium and provide strength with light weight characteristics. For maximum visibility the arms are powder coated white with UV resistant red reflective tape applied to both traffic approach faces for high visibility at night.

The Ezi Barrier ranges offers boom arm lengths of up to 6-8 metres with the gates designed to operate all day, everyday, with barrier open times from 3 to 5.5 seconds.

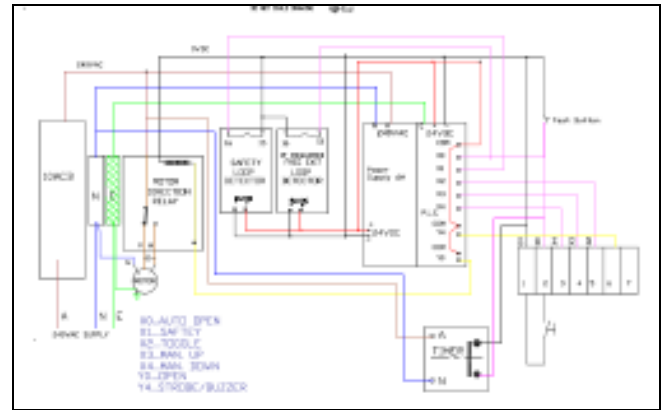
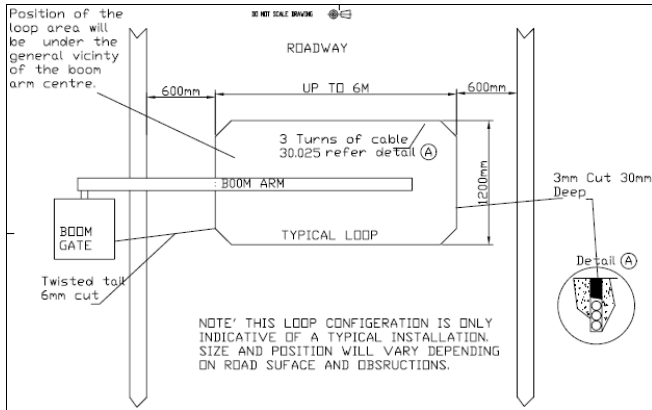
Open times will vary and are dependant upon the boom arm length and weight.

Various optional equipment is also available upon request. Examples are outlined below:

- Traffic control lights
- illuminated full signs
- Magnetic lock and end posts
- Free entry and exit loops systems
- Validation loop systems
- Equipment pedestals and protective bollards
- Coin or token mechanisms.
- Token and coin housings
- Token & coin collection chutes and safes.

If you are looking for a durable and ultra reliable Barrier System, contact the experts at Ezi Systems.

# Technical Data for Standard Horizontal Barriers



## Standard Horizontal Barrier Specifications

<b>Barrier Models</b>	Type 1:	3.0 – 4.5 metre boom capacity
	Type 2:	4.5 – 6.0 metre boom capacity
	Type 3:	6.0 – 8.0 metre boom capacity
<b>Boom housing width</b>		360mm x 360mm
<b>Boom housing height</b>		1075mm
<b>Ground to centre of boom</b>		885mm
<b>Housing material</b>		Stainless steel, type 304
<b>Housing finish</b>		Powder coat painted
<b>Housing colour</b>		White/Orange
<b>Top hood colour</b>		Red/Orange
<b>Boom material</b>		Round aluminum
<b>Boom diameter</b>		76.2mm OD
<b>Boom control</b>		True PLC
<b>Boom motor- type 1</b>		TM90 torque motor gearbox
<b>Boom motor- type 2 &amp; 3</b>		TM120 torque motor gearbox
<b>Max boom length</b>		6000mm
<b>Boom handing</b>		Left or right hand
<b>Vehicle safety</b>		Safety loop and detector
<b>Pedestrian safety</b>		Additional photo cell and post
<b>Motor power</b>		60 watt
<b>Power requirement</b>		240v, 15amp, 50hz single phase
<b>Access control</b>		Dependant on system
<b>Foundation</b>		600mm deep x 500mm wide
<b>Barrier open time</b>		Type 1: 3 seconds
<b>Barrier open time</b>		Type 2: 5.5 seconds
<b>Barrier open time</b>		Type 3: 7.5 seconds
<b>Duty cycle</b>		True 100% cycling as per standard