

SHIELD ROAD BLOCKER

AUTOMATIC HYDRAULIC ROAD BLOCKER

- Peace-of-mind that your entrance is secured with the best physical deterrent available.
- High speed operation with safety sensors and emergency raise override.
- Integrated OPTIC LED strip on the upper edge of the blocker arc for maximum visibility, safety and aesthetics.
- Manufactured from hot dip galvanised carbon steels for longevity.
- PLC controller providing operational flexibility.
- Powerful, robust and reliable hydraulic power pack.
- Manual override for lowering and raising in the event of a power failure.
- 100% duty cycle.



APPLICATIONS

- Suited for applications requiring high volume access and high levels of security
- Used extensively in applications such as military bases, airports, embassies, railway crossings, cash handling depots, banks, border posts and any high security installation

DESIGNED FOR

- Interior and exterior installations
- Severe operating conditions

AVAILABLE CONFIGURATIONS

- 1.0m, 1.5m, 2.0m, 2.5m, 3.0m, 3.5m, 4.0m, 4.5m, 5.0m, 5.5m and 6.0m wide lengths
- 350mm high lift, 600mm high lift and 800mm high lift

SECURITY RATING



TECHNICAL SPECIFICATIONS

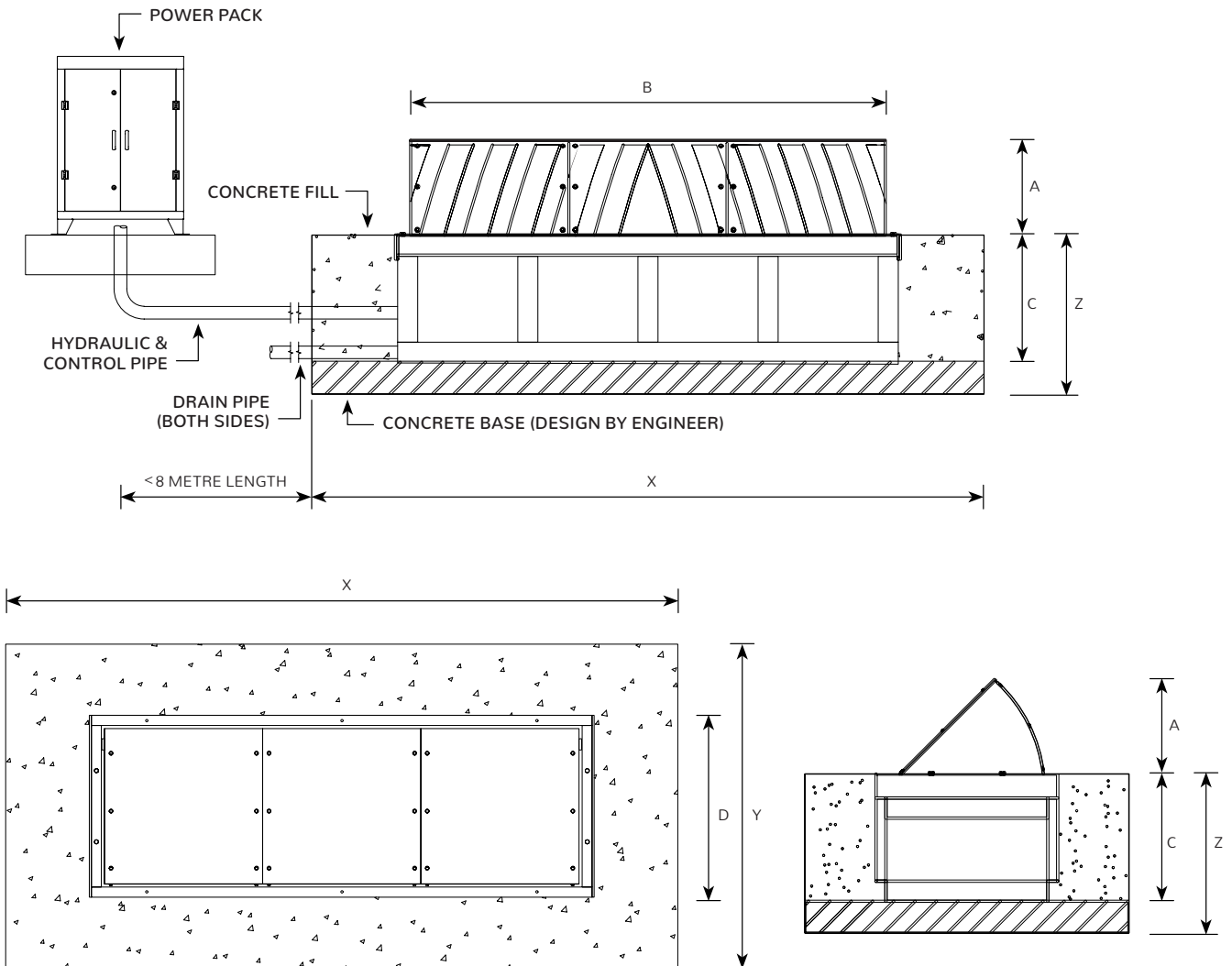
POWER	Single phase (up to 3m) / Three phase (3.5m and above)		
CONTROL VOLTAGE	220VAC and 24VDC		
DUTY CYCLE	100%		
PERFORMANCE	32 ton Tipper Truck, 10.6 ton per axle		
SPEED OF OPERATION	2 seconds - 350mm high	3 seconds - 600mm high	5 seconds - 800mm high
EMERGENCY FAST OPERATION	1.5 - 2.0 seconds		
POWER FAILURE SETTING	Fail-secure - Road blocker remains in raised position Fail-safe (option) - Road blocker automatically lowers		
MANUAL OVERRIDE	Hand pump for raise and lower operation		
SAFETY CONTROL	Safety loop detector and input for any external sensor		
SYSTEMS INTEGRATION	<ul style="list-style-type: none"> Integrates with all access control systems Triggered through a normally open dry contact Interlocking function with vehicle barrier or gate for use in high security applications 		
RELAY OUTPUTS	Raised and lowered relay outputs		
OPERATING TEMPERATURE	-25°C to +70°C		
AVAILABLE WIDTHS	1.0m up to 6.0m, increasing in 0.5m increments.		
AVAILABLE HEIGHTS	350mm, 600mm and 800mm. Special designs available on request.		
CONSTRUCTION	Frame - Welded structural steel and enclosed on sides and bottom with corrugated steel sheets for self shuttering and drainage Arc - Welded structural steel and carbon steel. Arc cover plates of 8mm Vastrap / Durbar for non-skid traffic Power pack housing - Powder coated mild steel with lockable access doors		
FINISH	Frame - Hot dip galvanised Arc - Hot dip galvanised. Arc covers powder coated and fitted with yellow chevron and red OPTIC LED in aluminium profile.		
ACCESSORIES	<ul style="list-style-type: none"> Emergency Fast Operation system Accumulator system for hydraulic operation during power failure condition UPS backup for the electrical system Infrared beam transmitter and receiver kit (10m range) Photoelectric, diffuse sensor (3m range) - Non-invasive Free exit loop Traffic light with mounting post (LED type) Single or double pushbutton in plastic housing One button or three button remote control transmitter and receiver Reader and camera mounting boxes (special designs to customer specifications) Car and car / truck goosenecks with optional weather cowls 		

PLEASE NOTE: For safety reasons, pedestrians, cyclists and motorcyclists are advised not to use a blocker controlled roadway. Additional safety measures can be incorporated into the blocker system if required.



SHIELD ROAD BLOCKER RANGE

350MM / 600MM / 800MM HIGH ROAD BLOCKER



DIMENSIONS

350 HIGH ARC (DIM A)

B	C	D	X	Y	Z
2000	555	900	3250	1800	755
2500	555	900	3750	1800	755
3000	555	900	4250	1800	755
3500	555	900	4750	1800	755
4000	555	900	5250	1800	755
4500	555	900	5750	1800	755
5000	555	900	6250	1800	755
5500	555	900	6750	1800	755
6000	555	900	7250	1800	755

600 HIGH ARC (DIM A)

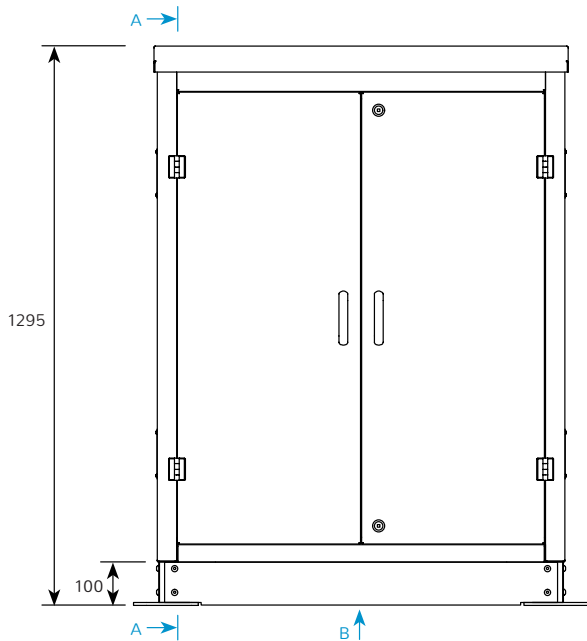
B	C	D	X	Y	Z
2000	805	1150	3250	2050	1005
2500	805	1150	3750	2050	1005
3000	805	1150	4250	2050	1005
3500	805	1150	4750	2050	1005
4000	805	1150	5250	2050	1005
4500	805	1150	5750	2050	1005
5000	805	1150	6250	2050	1005
5500	805	1150	6750	2050	1005
6000	805	1150	7250	2050	1005

800 HIGH ARC (DIM A)

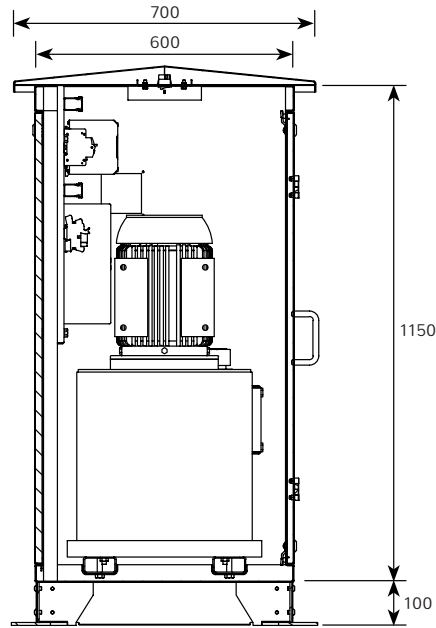
B	C	D	X	Y	Z
2000	1005	1400	3250	2335	1205
2500	1005	1400	3750	2335	1205
3000	1005	1400	4250	2335	1205
3500	1005	1400	4750	2335	1205
4000	1005	1400	5250	2335	1205
4500	1005	1400	5750	2335	1205
5000	1005	1400	6250	2335	1205
5500	1005	1400	6750	2335	1205
6000	1005	1400	7250	2335	1205

SHIELD ROAD BLOCKER RANGE

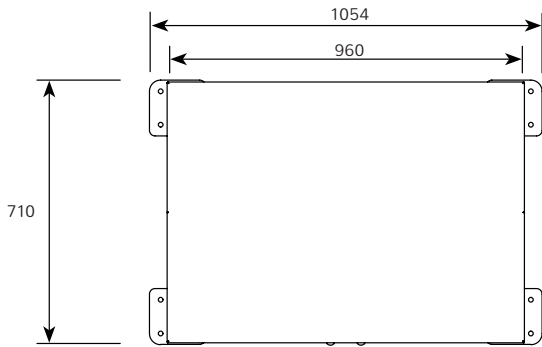
TYPICAL POWER PACK HOUSING



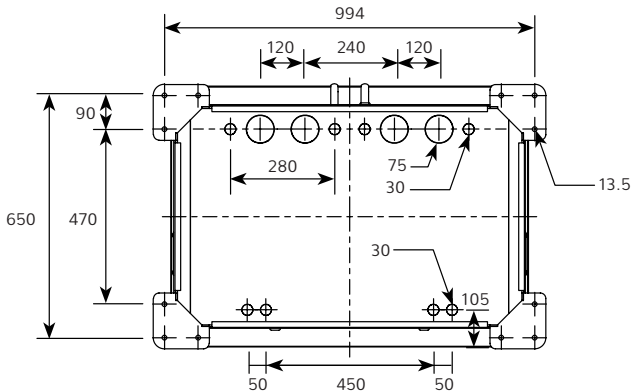
FRONT



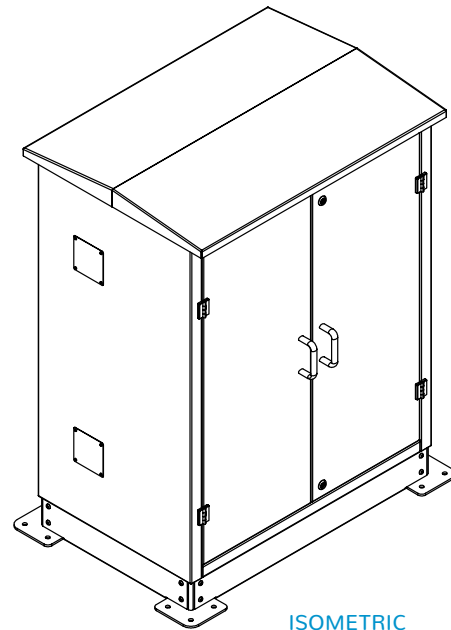
SECTION: A-A



TOP



VIEW ON: B



ISOMETRIC

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