



B420

Entrance control / Arm barrier

This heavy-duty arm barrier is ideal for high security and high-frequency access locations. The side mounted arm allows anti-pedestrian skirts to be fitted along the full length without any gaps above and below the beam. This gives the speed of operation of a barrier with the strength and security of a gate. Lower extensions can be added to the skirt to block gaps caused by raised/high kerbs.

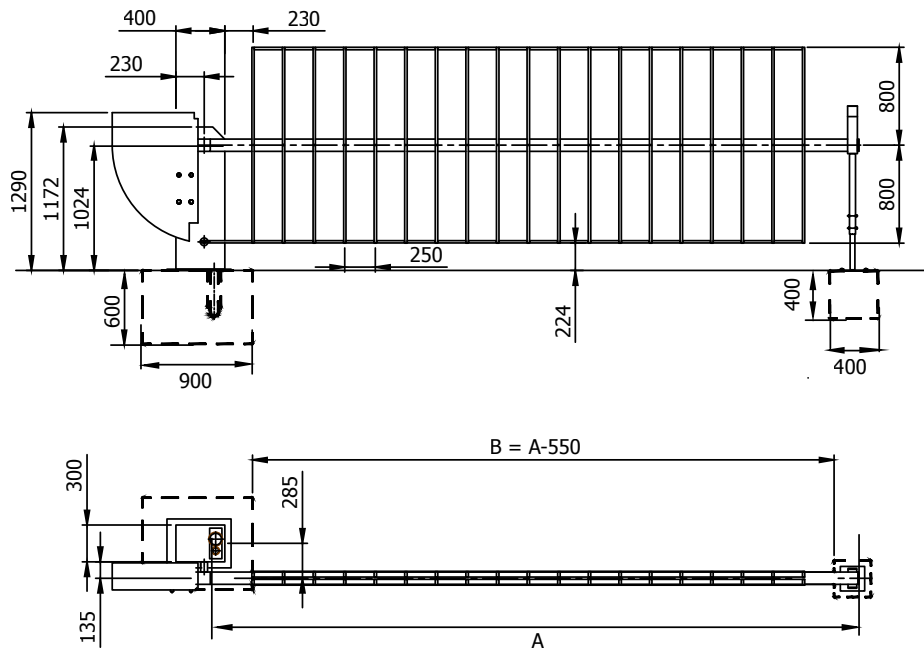
Reliable electro-hydraulic arm operation and extremely solid, lockable cabinet are suitable for vandal-prone, unsupervised applications. Finishes include high quality polyester powder coatings to withstand the harshest external environments. Cabinet and arm are available in a wide range of colours.

A programmable solid state control unit interfaces to all available access control systems (local or remote pushbuttons, vehicle ID systems, remote transmitter units, etc.).

The B420 is the perfect choice for high-throughput military, commercial and industrial locations.

- **Full height, 'double-lattice' aluminium skirt for high security**
- **Powerful and trouble-free electro-hydraulic drive**
- **Highly reliable control unit with extensive interface capabilities**
- **Vandal-resistant cabinet and arm mechanism**
- **Bespoke design to suit all applications**

Drawings (dimensions in mm)



Arm length (A) = 4000 to 6000 mm

Open width (B) = A - 550 mm

Technical specifications

Material	Cabinet: Continuously welded casing of 10 mm and 5 mm mild steel Arm: Aluminium (3 mm wall thickness; 100 mm diameter section)
Colour (other colours available upon request)	Cabinet: BS 04E 53 Arm: RAL 9003 signal white gloss
Finish	Pre-treatment: Grit blast SA2.5 Primer: Interpon PZ790 Powder coating: Interpon D1036
Power supply	Single-phase (230 VAC, 50 Hz, 10 A) Three-phase & Neutral (400 VAC, 50 Hz, 6 A)
Operating temp	-10 to +45°C (range can be extended by adding a heater/fan in cabinet)
Speed	8 to 10 seconds (open/close)
Control unit	Modular, programmable, solid state, plug-in IP55 enclosure, cumulative counter
Hydraulics	Heavy duty motor Separate pump with damping Continuously rated solenoid Oil: ISO32

Certificates

- Low Voltage Directive: 2006/95/EC
- Machinery Directive: 2006/42/EC
- Electromagnetic Compatibility: 2014/30/EU
- CE marking directive 93/68/EC
- Pressure Equipment Directive: 97/23/EC
- Standards: BS EN 12453; BS EN 12445; BSEN 13241; BS EN 6033-1; BS7671

Ordering information

Contact your local Heras office for precise ordering details.

Suggested accessories / products

- Matching mounting posts for access card, token readers, and intercoms
- Radio transmitter/receiver for remote operation (e.g. in-car)
- Hydraulic locking arm (all positions) prevents unauthorised access
- Induction loop or infra-red safety
- Auto close and free entry/exit
- Fixed beam rest or beam mounted rest for maximum road clearance
- Traffic lights