

COMMANDER 30 TONNE ROADBLOCKER



Heald's Commander Roadblocker is the ultimate in perimeter protection and the world's only security barrier PAS68 tested to stop dead a 30 tonne truck travelling at 80kph (50mph).

This is officially the highest ever impact energy test successfully carried out on a security barrier. It achieved a zero penetration rating and was fully operational after impact. The Commander is specifically designed for those sites where high profile security is essential. The steel plate has been specially reinforced to evenly distribute any impact force giving unparalleled strength to the blocker.

Standing around 1.2 metres above the ground and presenting an imposing barrier to would-be attackers or terrorists, there is simply no alternative if you need the very highest level of security. The Commander roadblocker has been impact tested by MIRA and received the rating V30000[N3]/80/90:0.0/6.85 – the only roadblocker in the world to do so.

Available with Hydra remote control and monitoring

Raised and lowered by remote push button control, the Commander is also available with Heald's Hydra control and monitoring solution which offers unparalleled levels of interaction through a simple, streamlined interface which can also be accessed remotely by mobile phone, computer or tablet device. It can also be fitted with Emergency Fast Operation (EFO) for increased raise speed if needed.

Simple and efficient installation

Due to its extremely high security performance, the Commander needs an installation depth of approximately 1.5 metres. But thanks to its unique design no pre-cast pit or additional rebar is needed, making installation as simple and efficient as possible. What's more, the unique design of Commander means that steel reinforcement is not needed in the concrete before fitting.

Integrates with new Halo LED lighting traffic control

Halo is our revolutionary LED lighting system which can be programmed to breathe, brighten and darken in moving waves, and change colour from red to green and back again. This indicates when a vehicle should stop, when a barrier, blocker or bollard is moving and when it is safe for the vehicle to proceed.

The Commander also requires the installation of a control cabinet, detection loops and ducting to allow it to function and communicate effectively. Our fully trained installation team will ensure that every aspect of installation is carried out both to our extremely high standards and to your satisfaction.

Due to a continuous program of development Heald reserve the right to change specifications at any time.

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Performance Rating	PAS68: V/30000[N3]/80/90:0.0/6.85
Axle Loadings	Will withstand any road going vehicle (In-house test certificate). Axle weight 120 tonnes or more.
Raised Height	1165mm
Width	4 metres will secure an opening of up to 6.4 metres. Other widths available on request.
Composition	Steel plate reinforced to evenly distribute any impact giving unparalleled strength. Internal crash plate supported by sectional steel mid plates covered with sacrificial front radius plate, incorporating impact absorption bars with additional internal crash bars. Welding in accordance with BS 4872-1:1982
Motor	Spec dependant on site requirements and may be altered after consultation with client. 4 kW motor (5.5 with EFO). Immersed pump. Extra Heavy duty solenoid valves (24 V DC) for reliability in operation.
Power	415 V/3ph and neutral/50 Hz. Alternatively, power to suit customer requirements.
PLC Control Voltage	24 V DC
Options	Emergency Fast Operation (EFO) via accumulator.
Normal Raise Speed	6-7 seconds approx
EFO Speed	1.8 seconds approx
Duty Cycle	100% rated.
Finish	Galvanised then primed and painted black and yellow. Other colours available on request.
Cabinet	Cabinet size dependant on specific product and site requirements. Finished in white (alternative colours available on request).
Sitework	Unique design does not require steel reinforcement of concrete for fitting. No pre-cast pit required. Various levels of installation service available. Please contact Heald for further details. Detailed drawings, technical guidance and full maintenance offered.

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