



## SPORTS & SECURITY FENCING SERVICES

### SLIDING GATES

Our Sliding Gates have been developed to suit premises where space is at a premium, as they do not have swinging gate leaves which otherwise restrict parking and/or storage within your premises. They are available in heights up to 3 metres, and widths up to 10 metres.



1) **Tracked Gates:** the sliding-tracked gate runs on a small guide rail set into the surface of the gate opening. The gate includes steel wheels set within the bottom rail of the gate frame which run along the guide rail. The tracked gate requires a perfectly flat and level surface, both across the opening, and for an additional 'run-back' area equivalent to 1.3 times the gate's opening width.



2) **Cantilevered Gates:** the cantilevered gate runs across the gate opening without actually touching the surface. Thus it is ideal for uneven or slightly sloping ground. The gate includes an inverted 'U' shaped lower beam that runs over and is balanced between two permanently fixed guide support rollers. The rollers are secured to a large counterweight concrete foundation.



- Frame:** Steel RHS section outer frame with large lower rail to house support wheels and/or rollers. The upper inner frame member includes an full-length additional inverted steel angle rail which runs between a pair of nylon guide wheels attached to the support post.
- Supports:** The gate is kept vertical and guided by a single internal steel support post with upper guide wheels. The gate closes onto a single lockable post with lower gate-wing supports in the open and close position. Posts are bolted down onto flat concrete bases.
- Wheels:** Both the tracked and cantilevered version run on C235 structural grade steel with C45 case-hardened carbon steel bearings.
- Infil:** The gates can be infilled with any fencing material to match its surrounding, e.g. Palisade Pales, Welded mesh, Vertical infill bars.
- Finish:** Hot dip galvanised after manufacture. Optional additional Polyester Powder Coating.

Sliding gates can be automated by the additional of a rack and pinion drive motor (240V), with control, safety and security features that can be integrated with your own CCTV or alarm monitoring systems. Automatic gates can be controlled by a push-button switch, electronic card reader, digital keypad, remote control, induction loops, or programmable timer (or any combination of these). Automatic gates include comprehensive safety and warning systems that prevent damage to personnel or vehicles and comply with all relevant statutory safety regulations (further details upon request).