







## 6.3 Key parameters relating to illegitimate users

6.3.1 In order to ensure that any access controls are effective at preventing access where this is intended, it is necessary to consider the dimensions of vehicles that it may typically be desirable to exclude. Table 10 below details these for some typical vehicles.

**Table 10 – Dimensions of typical illegitimate vehicles**

Vehicle type	Typical dimensions of vehicle			
	Length (mm)	Width (mm)	Weight (kg unladen)	
Medium van	5500	2100	2500	
Medium car	4600	1800*	1392	
Mini moto	1100	500	22	
Pit bike / youth motocross bike	1670	780	65	
Stripped down commuter bike	1900	740	114	
Motocross bike	2100	830	105	
Segway i2	480	630	48	
*some small cars (for example the two-seater Smart car) can be as narrow as 1500mm				

6.3.2 As can be seen, the dimensions of the types of smaller motorcycles are similar to those of a pedal cycle and all are narrower than the width required for a cyclist to continue riding past a pinch point. Motorcycle handlebars can also be turned or shortened, further reducing the clear width required for the motorcycle to pass. It is therefore unlikely that any obstruction that permits the passage of cycles (ridden or pushed) would physically prevent access for motorcycles.