

sGate Speedgate

When speed, security, space
and safety are essential



Experts in perimeter protection



The sGate was specifically developed by Heras as a functional solution to combine the operating speed of a barrier with the security levels of a gate. It is ideal for situations where the extra space required for conventional hinged or sliding gates is not available. The sGate opens and closes in a matter of seconds, thus providing quick controlled entry to a location whilst also locking it securely to prevent unauthorized vehicle or pedestrian access.

Available in two design variations, each with its own specific application area, Heras can supply a matching speed gate solution for almost any situation.



sGate top guided

When there is a specific height restriction (e.g. underground car parks) and/or a need for completely sealing the access opening to prevent intruders climbing over the gate.



sGate trackless

When unrestricted opening height is important and/or when a track in the road is inconvenient and may be subject to contamination by nature of the application (e.g. aggregate retailers and stockists, timber yards, waste handling centres) and the gate needs to integrate smoothly with the fence line. Suitable for wide passage openings up to and including 8 metres. The sGate trackless is available in single and double gate leaf versions.



State-of-the-art construction and design

All sGate design variations are based on the same extremely robust and reliable platform. The drive columns, which carry the load of each gate leaf measure 220 x 220 mm or 300 x 300 mm (depending on the chosen passage) and are constructed of high strength S355 quality steel. This provides a very stable base for the entire gate, even in more extreme conditions, such as wind loads of up to 700 N/m² (= wind class 3). The drive units are positioned in the upper area of the columns and a patented double driveshaft mechanism is used to transmit the force of the powerful engines to open and close each gate leaf. This provides an optimal force distribution ensuring very smooth and low-wear operation, which is also maintenance friendly.



In addition, each gate leaf is equipped with heavy duty mechanically constructed stainless steel hinges in any colour. As opposed to the more frequently used moulded aluminium and/or bronze casted hinges. This minimises the wear on these components, and increases the reliability and uninterrupted operation of your access solution. For optimal corrosion protection, each sGate is hot-dip galvanised and finished with an epoxy primer and powder coating, in accordance with NEN-EN 15773.

Uncompromised safety

The sGate series has been developed to fully comply with the latest standards and guidelines on safety (EN 13241). It is also tested on wind load according to NEN-EN12424. Each sGate is standard equipped with at least 5 safety edges per leaf (3 horizontal and two vertical) and 2 sets of photocells. As standard each photocell set has its own channel making it impossible for the photocells to influence each other, thereby guaranteeing a correct operation. When a safety edge touches an obstacle, or the photocell detects an object in the gate's path, the gate will immediately stop and reverse. Before the gate starts moving, the control system first checks the status of the safety edges and photocell(s) to ensure there are no faults. The gate can only be opened and closed in hold-to-run mode.

Additional safety devices such as loop detection, traffic lights, flashing lights, sirens and extra photocells are available to further expand your speed gate solution.

Meet your needs

To obtain the desired functionality and appearance of your sGate, a large range of infills is available:

- 25 x 25 or 30 x 30 mm vertical square bars
- 26 mm vertical round bars
- Welded mesh / Zenith
- (Perforated) sheets with the option to include logo or individual design



Overview of range

The following table provides an overview of the range of available height and free-opening width combinations for each of the sGate design variations. The table includes the certified wind class for each combination according to NEN-EN 12424.

	Height (mm)	sGate Trackless									sGate Top guided																						
		2000			2500			3000			2000			2500			3000			3500			4000										
Double leaf sGate Width (mm)	3000	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	3500	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
	4000	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
	4500	3	3	3	3	3	3	3	3	3	3	2	3	3	3	3	3	3	3	3	3	3	3	3	3	-	3	3	3	-	3	3	3
	5000	3	3	3	3	3	3	2	3	3	3	2	3	3	3	3	3	3	-	3	3	3	-	3	3	3	-	3	-	-	-	-	
	5500	3	3	3	2	3	3	3	2	3	3	3	-	3	3	3	-	3	3	3	-	3	-	-	3	-	-	3	-	-	-	-	
	6000	3	3	3	2	3	3	-	3	3	2	-	3	3	3	-	3	-	-	-	3	-	-	-	3	-	-	-	-	-	-	-	
	6500	2	3	2	-	2	3	2	-	2	3	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	7000	2	3	2	-	2	3	2	-	2	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	7500	2	3	2	-	2	3	-	-	2	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
8000	2	3	-	-	2	3	-	-	2	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Single leaf sGate Width (mm)	3000	3	3	3	2	3	3	3	-	3	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	3500	2	3	2	-	2	3	2	-	2	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	4000	2	3	-	-	2	3	-	-	2	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		

- Bars
- Pallas / Uni
- Zenith / Perf. sheet
- Full sheet / glass

- 3** = configuration complies to Windclass 3, conform NEN-EN 12424
- 2** = configuration complies to Windclass 2, conform NEN-EN 12424



Proven platform, proven reliability

Building on a huge installed base of automated gates, and our extensive in-house knowledge and experience in developing and maintaining automated gate solutions, we can state with full confidence that Heras stands for reliability.

The sGate platform has also proven to be an example of this reliability. The design variants have been installed frequently at our customers since 2012.

Service & Maintenance



An entrance solution that no longer opens or closes leads to annoying situations and inconvenience. To prevent this, Heras offers service and maintenance solutions that keep your product in optimal condition. Service & Maintenance by Heras reduces the risk of malfunctions, unsafe situations and unexpected costs. For more information: heras.co.uk/service .

More information about sGate Speedgate: heras.co.uk/sGate



