



SPEEDGATE PERPETUAL



DOUBLE WING VERSION
900MM HIGH X 1 100MM WIDE



DOUBLE WING VERSION
1 800MM HIGH X 900MM WIDE

- The **SPEEDGATE PERPETUAL** combines security and aesthetics all in one stylish product
- Ultra high speed access with seamlessly integrated motor drive technology
- The most sophisticated product of its type in Africa
- Exported worldwide

APPLICATIONS

- Suited for applications requiring ultra high speed access and medium levels of security
- Used extensively in applications such as office receptions, airports, universities, health clubs and railways

DESIGNED FOR

- Interior and covered exterior installations (special outdoor unit for uncovered installations available on request)
- Severe operating conditions

AVAILABLE CONFIGURATIONS

- Single wing and double wing configuration with 900mm and 1 800mm high wings and lane widths of 600mm, 900mm and 1 100mm



UNIQUE FEATURES OF THE SPEEDGATE PERPETUAL

- Designed by professional engineers
- Cutting edge technology used in both the design and manufacture

RELIABLE TECHNOLOGY

- Ultra-heavy-duty high speed motor drive and gearbox
- Intelligent motor - tamper detection feedback
- Built-in intelligent controller
- Low power consumption
- Green and red LED pedestrian indicator
- Motion detection sensor array – dynamic following of the pedestrian through the Speedgate Perpetual
- Highly sophisticated anti-tamper detection
 - Tailgating
 - Unauthorised direction
 - Intrusion detection - wings lock
 - Physical force - wings lock
- Wings reset to locked position automatically without requiring human intervention
- Safety - a series of detectors monitor the lane for safe closing

DURABLE FEATURES

CABINET

- Powder coated mild steel - white body with black accents
- Available in any powder coated combination including black body and black accents
- 3D designed and precision laser cut components
- Hand-made with expert welding
- Recess with polycarbonate infill for concealed reader mounting (option)
- LED lane status and direction indicator lights

ACRYLIC WING

- 10mm transparent acrylic
- Direct motor mount technology

GUARANTEED MANUFACTURED TO LAST

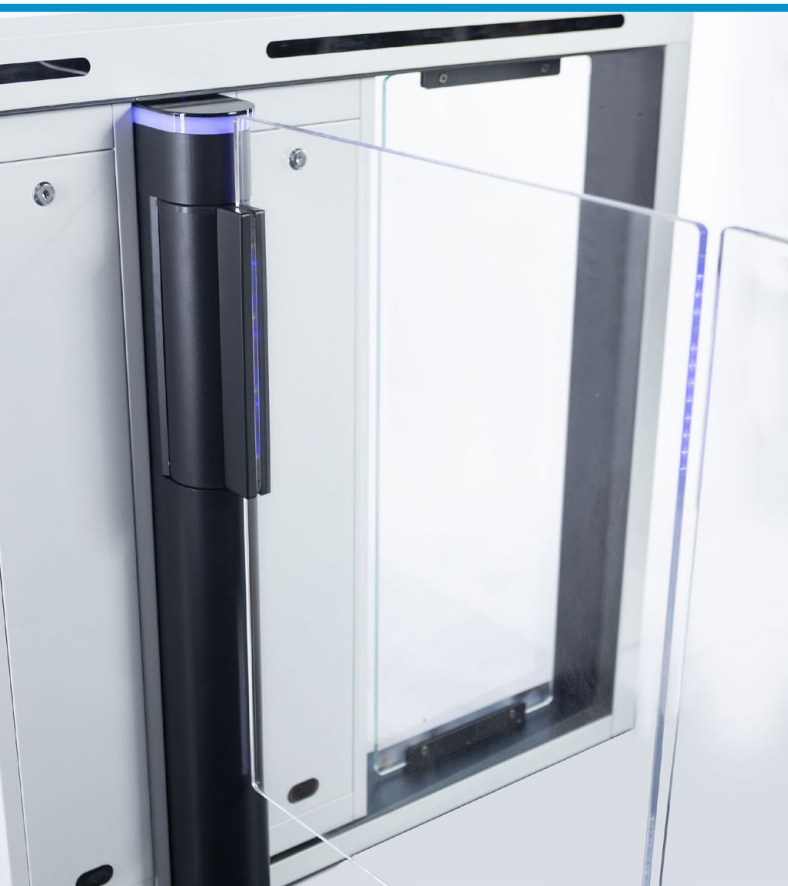
- 3 year mechanical guarantee
- 1 year electrical guarantee



DOUBLE LANE SHOWN
WITH BLACK BODY
AND BLACK ACCENTS

TECHNICAL SPECIFICATIONS

POWER	220 / 110 Volt AC
OPERATING VOLTAGE	24VDC
FREQUENCY	50Hz / 60Hz
POWER CONSUMPTION	45W per lane
OPERATING TEMPERATURE	-20°C - 75°C
MATERIALS	<ul style="list-style-type: none">• CABINET: powder coated mild steel white body with black accents (available in any colour and combination)• WING: 10mm transparent acrylic. Wings can be fitted with stickers of your corporate brand
WEIGHT	<ul style="list-style-type: none">• 90kg end cabinet• 120kg centre cabinet
PASSAGE WIDTH	<ul style="list-style-type: none">• Standard: 600mm• Special needs: 900mm• Wide: 1 100mm
WING HEIGHT	900mm (standard) / up to 1 800mm (high) Note: The maximum width available when fitted with wings of 1 800mm high is 900mm
POWER FAILURE OPERATION	Wings open automatically towards exit direction on power failure (battery backup available on request)
FIRE ALARM OPERATION	Trigger can activate barriers to remain in the open position for free access
SYSTEMS INTEGRATION	<ul style="list-style-type: none">• Integrates with all access control and time and attendance systems• Can be integrated with biometric, bar code and card readers as well as no-touch buttons and remote transmitters• Normally open dry contact / RS485
OPERATING CYCLE TIME	Open Adjustable - up to 0.25 seconds / Standard - 0.75 seconds Close
THROUGHPUT	Up to 50 persons per minute
TAMPER ALARM	<ul style="list-style-type: none">• Electronic output for a building security alert, e.g. to lock doors or activate CCTV• LED lights show red cross• Internal buzzer sounds
OPERATIONAL MODES	<ul style="list-style-type: none">• Entry and exit (standard)• Entry only• Exit only

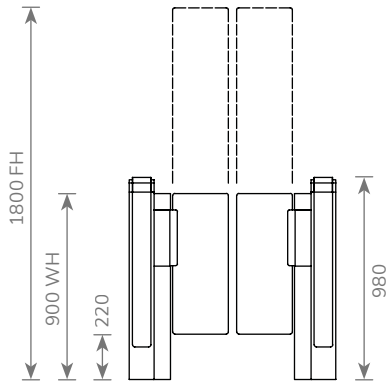


SPEEDGATE PERPETUAL STAR INSTALLATIONS



SPEEDGATE PERPETUAL RANGE

GENERAL ARRANGEMENT OF PERPETUAL GATES



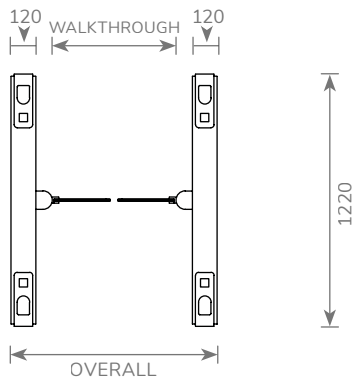
SINGLE LANE

OVERALL	WALKTHROUGH
1 000	600
1 300	900
1 500	1 100

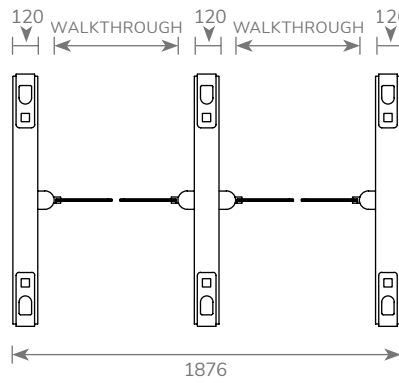
DOUBLE LANE

OVERALL	WALKTHROUGH
1 876	600
2 476	900
2 876	1 100

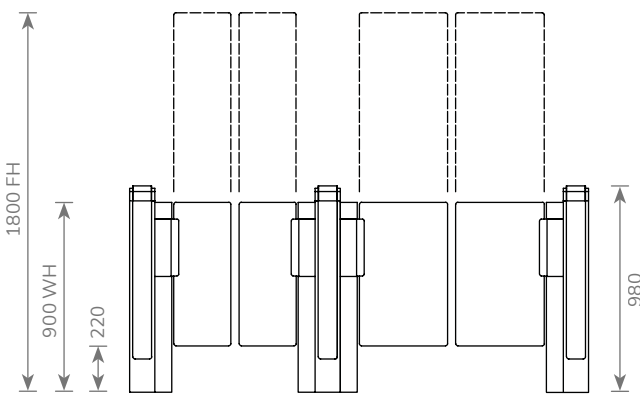
SINGLE LANE



DOUBLE LANE



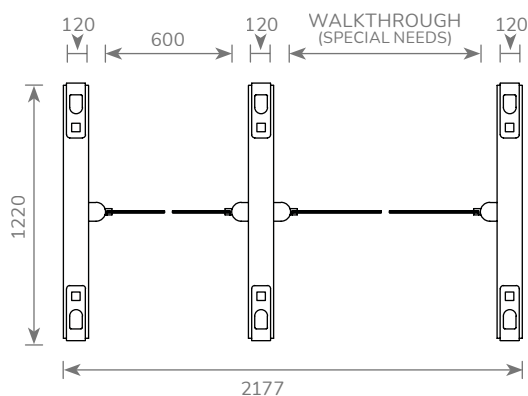
SPECIAL NEEDS LANE (WITH 600MM WIDE STANDARD LANE)



SPECIAL NEEDS LANE

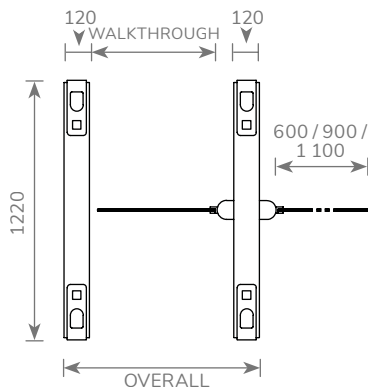
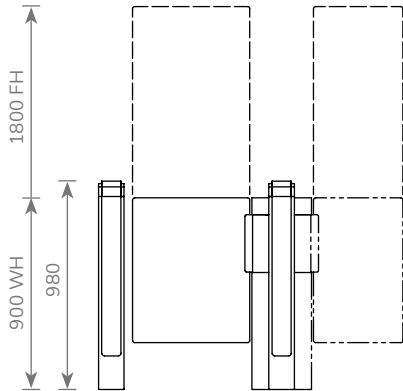
OVERALL	WALKTHROUGH
2 176	900
2 376	1 100

SPECIAL NEEDS LANE



SPEEDGATE PERPETUAL RANGE

GENERAL ARRANGEMENT OF PERPETUAL GATES - SINGLE WING



SINGLE GLASS LANE

SINGLE GLASS LANE

OVERALL	WALKTHROUGH
920	600
1 220	900
1 420	1 100

T (TERMINAL CABINET)

ORDER CODE = PER-T

ORDERING GUIDE FOR SINGLE LANE CABINETS

S (SINGLE GLASS CABINET)

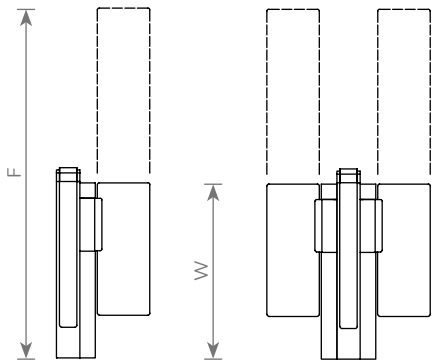
LANE WIDTH	900 HIGH GLASS	1800 HIGH GLASS
600	PER-S6-H9	PER-S6-H18
900	PER-S9-H9	PERP-S9-H18
1 100	PER-S11-H9	PERP-S11-H18

ORDERING GUIDE FOR SINGLE LANE CABINETS WITH LANE CONTINUATION

S (SINGLE GLASS CABINET)

LANE WIDTH	900 HIGH GLASS	1800 HIGH GLASS
600-600	PER-S6-C6-H9	PER-S6-C6-H18
600-900	PER-S9-H9	PERP-S9-H18
600-1100	PER-S11-H9	PERP-S11-H18
900-600	PER-S9-C6-H9	PER-S9-C6-H18
900-900	PER-S9-C9-H9	PER-S9-C9-H18
900-1100	PER-S9-C11-H9	PER-S9-C11-H18
1100-600	PER-S11-C6-H9	PER-S11-C6-H18
1100-900	PER-S11-C9-H9	PER-S11-C9-H18
1100-1100	PER-S11-C11-H9	PER-S11-C11-H18

ORDERING GUIDE



END CABINET (E)

CENTRE CABINET (C)

PER-E (GLASS LANE WIDTH)-(GLASS HEIGHT)

E (END CABINET)

LANE WIDTH	900 HIGH GLASS	1800 HIGH GLASS
600	PER-E6-H9	PER-E6-H18
900	PER-E9-H9	PERP-E9-H18
1 100	PER-E11-H9	PERP-E11-H18

PER-C (GLASS LANE WIDTH A)(GLASS LANE WIDTH B)-(GLASS HEIGHT)

C (CENTRE CABINET)

LANE WIDTH	900 HIGH GLASS	1800 HIGH GLASS
600-600	PER-C66-H9	PER-C66-H18
600-900	PER-C69-H9	PER-C69-H18
600-1100	PER-C611-H9	PER-C611-H18
900-900	PER-C99-H9	PER-C99-H18
900-1100	PER-C911-H9	PER-C911-H18

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