

Vert-X Swing Gate Operator

Modern sleek design, fast opening, easy to install swing gate motor for domestic and commercial gates



Controller



The low voltage Vert-X's combination of fast opening speeds and electronic limits providing precise control make it suitable for both inward and outward opening gates.

The Vert-X's modern design incorporates mechanical end stops removing the need to fit inground end stops and making installation and set up much easier.

- **Fast opening without compromising on safety:** The Vert-X's ability to open at high speed and close at a slower speed ensures fast access while minimising the chance of accidents when the gate is closing.
- **Revolutionary brake:** The revolutionary centrifugal brake developed for the V-Series range of swing gate motors ensures positive locking of the operator when the gate is both open and closed.
- **Solar power:** The Vert-X operators feature battery back up, are ideally suited for use with solar panels with no modifications necessary.
- **Sensitive anti-crushing control:** The V-Series controller accurately monitors any obstructions ensuring ultra-safe operation and peace of mind.
- **Easy to use:** The V-Series controllers' liquid crystal display and intuitive, easy to use menu system makes setting up the end-of-travel limits and other features available on the system simple.

V-Series Controller features:

Offering an extensive range of useful features, the controller is exceptionally versatile and has the ability to adapt the system to suit the requirements of almost every user.

- Advanced Positive Close Mode ensures the gate remains closed in a secure, rigid position
- Pedestrian Opening adjustable opening and auto-close time
- Remote Gate Status Indicator (gate position, power failure, low battery, multiple collision detection and pillar light status indication)
- Courtesy/Pillar Light Timer with adjustable time
- Fully configurable pre-delays with multiple pre-flash modes
- Opening and closing safety beam inputs with beam circuit monitoring
- Advanced solenoid or magnetic gate-lock release pulse
- Supports inward and outward opening swing gates without the need for mechanical end stops.

Technical Specifications

Specifications	Vantage 400
Input voltage	220V ± 10%, 50Hz
Motor power supply	Battery-driven (standard capacity - 7Ah)
Operator push force	Maximum 220kgf
Typical gate opening time	11 sec
Manual override	Key release
Number of operations per day	Maximum 250
Operations in standby with 7Ah battery	Half Day - 120 Full Day - 100
Receiver code storage capacity	64 transmitter buttons
Limit Type	Electronic Limits

Minimum Installation Requirements

Gate opening 90° or less			Gate opening 110°		
Operator	Wall (Min)	Pillar (Max)	Operator	Wall (Min)¹	Pillar (Max)²
VANT-X	190mm	60mm	VANT-X1	370mm	60mm
For gates 1.0m to 2.0m long			VANT-X2		
For gates 2.0m to 3.0m long			640mm		
			60mm		

¹ The typical minimum wall clearance required to fit the operator

² The maximum allowable pillar thickness on which to fit the operator

Installation Information

Allowable Gate Mass & Coverage:

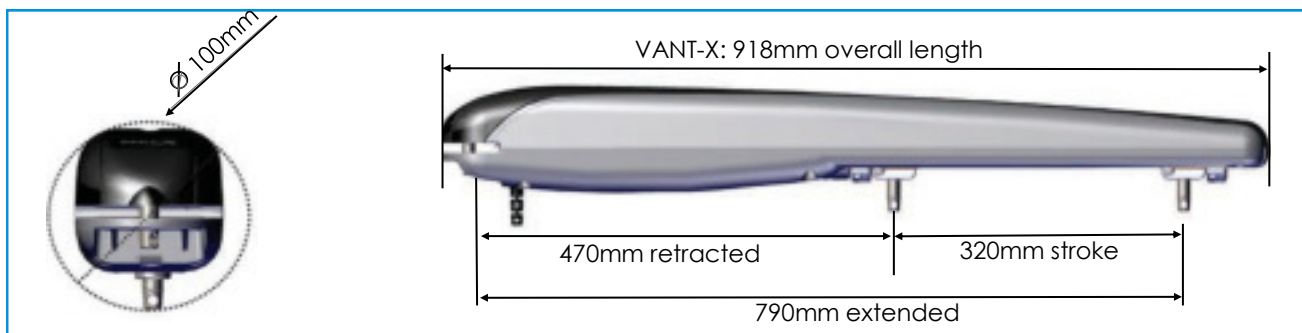
Maximum Allowable Gate Mass for VANT-X Operator

Length	Up to 1.5m	Up to 2m	Up to 2.5m
Mass	600kg	335kg	215kg

Maximum Allowable Coverage in Wind Speeds

Length	Up to 1.5m	Up to 2m	Up to 2.5m
Mass	1.8kg	1.8kg	1.8kg
Coverage	Max Wind Speeds (km/hr)		
25%	91	68	55
50%	64	48	39
75%	52	39	31
100%	45	34	27

Dimensions



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