

**Samson Kingfisher  
Bottom-Rolling or  
Top-Hung  
Straight Sliding Door**



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MON - FRI 8:30AM - 5:30PM**



UNITED ARAB EMIRATES  
MINISTRY OF INTERIOR  
GEN. COMMAND OF  
CIVIL DEFENCE  
DUBAI CIVIL DEFENCE

الإمارات العربية المتحدة  
وزارة الداخلية  
القيادة العامة  
للدفاع المدني  
الدفاع المدني - دبي

مجمع دبي الصناعي  
DUBAI INDUSTRIAL PARK

# INNOVATION

*in Industrial Doors*

Horizontal bi-folding, sliding/folding and straight sliding doors – external door systems designed to operate in any business sector.

PRODUCT	SWIFT	SWIFT	SWIFT-SEW	OSPREY	OSPREY	KINGFISHER	KINGFISHER	KINGFISHER	KINGFISHER
	(MANUAL)	(ELECTRIC)	(ELECTRIC)	(MANUAL)	(ELECTRIC)	(MANUAL)	(ELECTRIC)	(MANUAL)	(ELECTRIC)
SHORT NAME	SWT-M	SWT-E	SWT-SEW	OSP-M	OSP-E	KNF-THM	KNF-THE	KNF-BRM	KNF-BRE
<b>FEATURE</b>									
<b>HANGING ARRANGEMENT</b>	<b>SIDE-HUNG BI-FOLDING</b>			<b>TOP-HUNG FOLDING</b>		<b>TOP-HUNG SLIDING</b>		<b>BOTTOM-ROLLING SLIDING</b>	
<b>CONFIGURATIONS AVAILABLE</b>	1, 2 or 3 leaves to each side, i.e. 2+1, 3+0, 3+2	2+0, 2+2	2+2	multiple leaf configurations.	up to 10 leaves folding to one or each side.	multiple leaf configurations.	1 leaf per track sliding to one/both sides.	multiple leaf configurations.	1 leaf per track sliding to one side.
<b>OPENING SIZES</b> (all dims in mm.)									
MAX WIDTH	5700	4750	5000	UNLIMITED	20000	UNLIMITED	12000	UNLIMITED	30000
MAX HEIGHT	6000	6000	7000	6000	6000	6000	6000	6000	7000
MAX OPENING AREA	24000	12000 (2+0)	32500	UNLIMITED	50000 (1-way)	UNLIMITED	36000 (1-way)	UNLIMITED	90000 (1-way)
		24000 (2+2)			10000 (bi-part)		72000 (bi-part)		18000 (bi-part)
SIDEROOM	200	225	300	Varies. Refer OSP series dwgs.	Varies. Refer OSP series dwgs.	Varies. Refer KNF series dwgs.	Varies. Refer KNF series dwgs.	Varies. Refer KNF series dwgs.	Varies. Refer KNF series dwgs.
HEADROOM	150	150	450	180	230	180	230	150	150
<b>MAX NO. TRACKS</b>	1	1	1	1	1	6	2	6	6
<b>MOUNTED INSIDE OR OUTSIDE</b> (In, Out)	In/Out	In	In/Out	In/Out	In	In/Out	In/Out	In/Out	In
<b>OPERATION</b>									
ELECTRIC OPERATION	N/A	✓	✓	N/A	✓	N/A	✓	N/A	✓
MANUAL OPERATION (M/O = MANUAL OVERRIDE INCLUDED)	✓	M/O	M/O	✓	M/O	✓	M/O	✓	M/O
OPENING SPEED	N/A	5 secs (max 1.0m/s)	8 secs (max 0.6m/s)	N/A	max 0.4m/s	N/A	max 0.4m/s	N/A	max 0.25m/s
<b>PANEL CONSTRUCTION</b>									
SOLID PANEL POLYURETHANE (THICKNESS MM)	✓ (52)	✓ (52)	✓ (62)	✓ (52, 62)	✓ (52, 62)	✓ (52)	✓ (52)	✓ (52)	✓ (52, 62)
SOLID PANEL MINERAL WOOL (RW) (MAX 4500H, 52 THICK)	✓	✓	✓	✓	✓	✓	✓	✓	✓
PART GLAZING (THICKNESS MM)	✓ (52)	✓ (52)	✓ (62)	✓ (52, 62)	✓ (52, 62)	✓ (52)	✓ (52)	✓ (52)	✓ (52, 62)
FULL GLAZING (FG) (MAX. 5000H, 50 THICK)	✓	✓	N/A	✓	✓	✓	✓	✓	✓
<b>OTHER FEATURES</b>									
INTEGRATED PERSONNEL DOORS	✓	✓	✓	✓	✓	✓	✓	✓	✓
FULL HEIGHT ACCESS LEAF	✓	X	X	✓	X	X	X	X	X

- o Refer to individual SWT, OSP and KNF drawings and product datasheets for detailed configurations, opening arrangements, sizes and specifications.

# KINGFISHER

## Specifications.

**The Kingfisher is a traditional, straight-sliding door system, which can be configured to suit any width of opening and up to 7 metres in height. Whether for a private aircraft hangar or a university workshop, the Kingfisher door will fit.**

Available as either a bottom-rolling or top-hung system, sliding on one or multiple tracks, manual or electrically operated, the Kingfisher is a highly versatile performer.

Sliding leaves are factory pre-assembled with sliding door gear and all seals to rigid top and bottom tubular rails, which support in-house designed sliding door gear. Pre-assembly and pre-finishing of all door components, including EPDM rubber seals, ensures fast and accurate site installation, a high-quality finish and with class-leading weather sealing to all joints. Individual panels are manufactured using classic Kingfisher composite panels with optional vision panels and wicket doors.

Door leaves are easy to move by hand in either top-hung or bottom-rolling form, or if greater control is required, electric operation is available as standard to all Kingfisher doors.

Top-hung electrically operated versions are limited to twin track bi-parting arrangements of 72 m<sup>2</sup>, whilst bottom-rolling doors can be configured to 180m<sup>2</sup> in multiple leaves on up to six parallel tracks.

Overall, the Kingfisher is an economical and successful design that has proved its superior qualities in widely varying applications around the globe.

### Key Features

- Unlimited opening width for manually operated "push-along" doors.
- Top-hung or bottom-rolling (to suit non-load bearing lintels).
- Maximum 180 m<sup>2</sup> for bottom-rolling power-operated doors.
- Innovative flat panel, single piece construction.
- Roller shutter tailgates can be incorporated for high tail aircraft.
- Low rolling resistance for ease of use.
- Inset wicket doors with or without threshold step.
- Solid, partially glazed or full glazing available.
- Coordinated black-line hardware.
- Factory assembled for trouble-free installation.

KINGFISHER





# AVIATION

*Efficient. Durable. Proven.*

**The Kingfisher range is an established choice for industrial doors throughout general aviation. Their reliability, simple operation, versatility and immaculate safety record has resulted in a loyal customer base that continues to grow.**

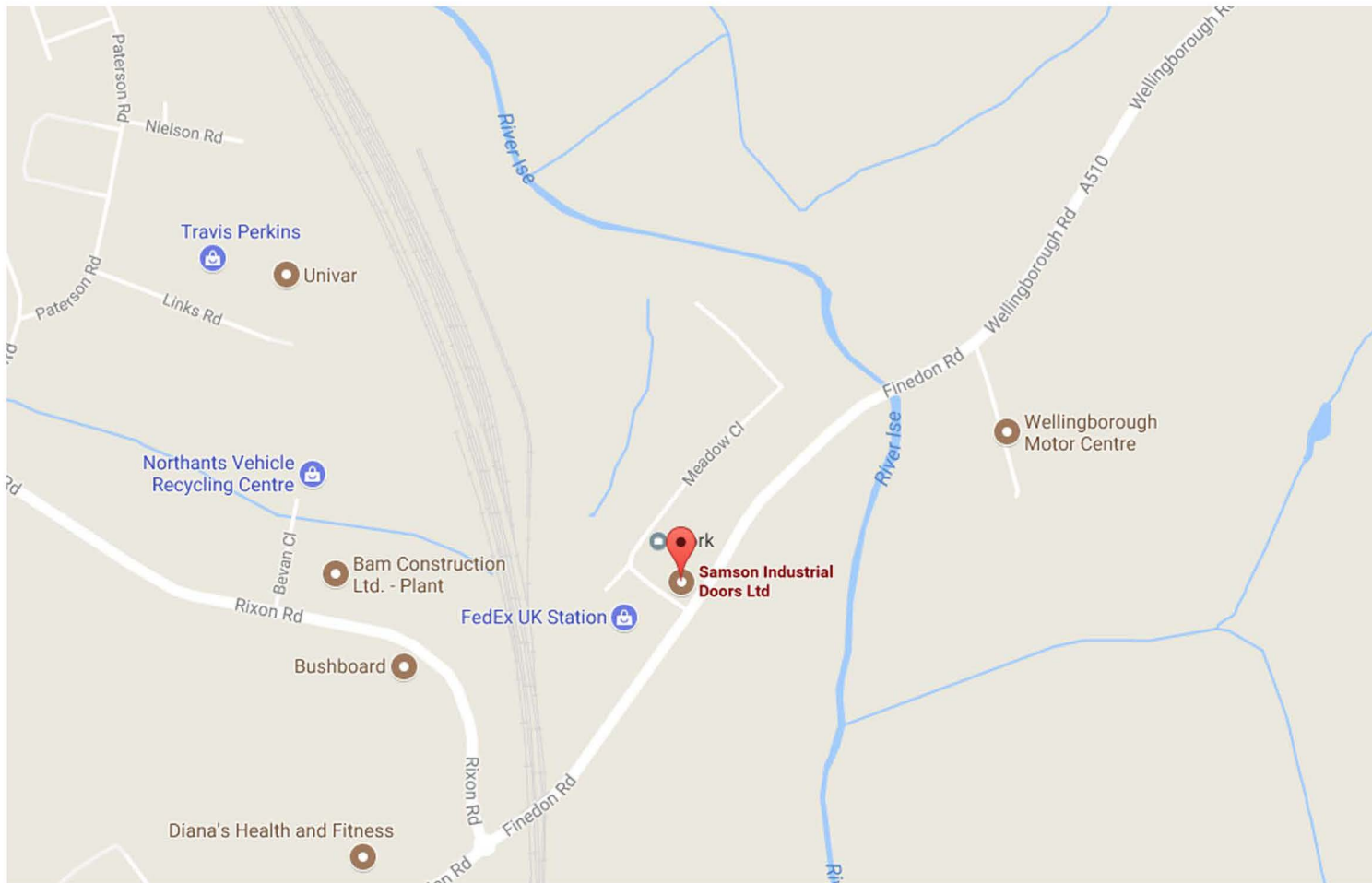
If a top-hung solution is not an option, the Kingfisher bottom-rolling straight sliding door is an ideal, modern replacement for traditional sliding hangar doors. Rigid in construction and lightweight in operation, individual door leaves can be manufactured to 4.5 metres wide and arranged on up to 6 parallel tracks to create unlimited opening widths. An optional sheaving system greatly reduces the opening and closing effort by simultaneously moving all 'slave' leaves in unison when only the leading 'master' leaf is operated.

#### Kingfisher – Key Facts

- Top-hung or bottom rolling to suit load-bearing and non-load bearing structures.
- Electric operation for openings up to 30 metres wide by 6 metres high.
- Easy to move by hand regardless of leaf size.
- Flush bottom tracks to allow smooth movement of aircraft in and out the building.
- Wicket doors provide personnel access without moving the main door.
- Central 'tailgate' doors fitted above the Kingfisher door can increase the clear height to 9 metres.



# Samson



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