

Product Sheet	
<i>Full - O - Stile 90</i> Manual security Turnsti	-
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Full - O - Stile 90 is available in two configurations: single (FOS 90S); double (FOS 90D).

Technical Specification

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Unit Dimensions:	Outside Dimension FOS 90S FOS 90D Ceiling Height Cornice Depth Overall Height of U	1480 x 1480mm 2200 x 1480mm 1980mm 280mm		
Rotor Elements:	4N ^o rotor wings (90°)			
Drive:	Hand operated			
Orientation:	Pass Left or Pass right			
Materials:	Casework: Rotor Wings: Rotor Spindle:	304 Grade grained stainless steel with infill panels with made of transparent 5+5 security glass. 304 Grade grained stainless steel. Tubolar 304 Grade grained stainless steel.	Product Description The FOS 90 was	
Function: Mechanism:	Control of the FOS	rections, electronically controllable.	engineered for perimeter and indoor applications requiring a high- performance security	
	 A positive act A Self centering rest position. An anti backu 30° from its magazina termina termina	d in the roof drum of the FOS 90. It is silent in rotation and wing standard features: ion lock which prevents two passages at one time ing mechanism to ensure complete rotation of the head to the up device prevents reverse rotation once the head has moved est position. amper to ensure smooth and quiet operation	turnstile with an elegant design. Users include Government Retail Finance	
Operating Modes:	 Normally Clossing signal is rece Normally Operative signal is received by the second sec	en – The mechanism is permanently unlocked and will only lock attempted without a valid authorised signal. In this mode the based from 1.5 to 2.5 million cycles and increases passage	 Telecommunications Information Technology Banking Publishing Leisure Petrochemical Pharmaceutical 	
Power Failure:	In the event of an emergency or isolation of power supply, unit may be configured to fail-safe i.e. rotor freely rotates or fail-lock i.e. rotor locks. Either option is available in both or one direction. Choice must be denoted at time of order placement.			
Interface:		anism fail state will be the same as power failure choice. controlled by means of a LCM02 microprocessor control logic reatures :	FULL-HEIGHT TURNSTILES	
	 Two protecte Four protecte Two 0V output Two 0V output Unit has an a cancelled if p The standard 	opening/locking the mechanism in each direction. d outputs for control of the opening/locking solenoids. d outputs for piloting way mode indicators. ut relays indicating availability of use in either direction. uts to count passage in either direction. djustable time out facility if required i.e. Go signal will be assage through turnstile is not completed within pre-set time. default is 8 seconds adjustable via parameter change. tailed information is available upon request.		







Servicing:	From top of the roof
Power Supply:	115/230 Volts AC 50/60 Hz
Power Rating:	FOS 90S 50VA (without lights optional) FOS 90D 100VA (without lights optional)
Logic Voltage:	24 Volt DC
Installation Details:	Full - O - Stile 90 models are delivered as one piece, which may require lifting gear for off loading. Approx. weight (depending on spec.) : FOS 90S 470 kg. FOS 90D 660 kg.

Models Available

Full - O - Stile 90

- Accessories and Optional Extras Alternative Materials, Finishes and Custom Design Refer to Gunnebo Italdis S.p.A. for specific material design requirements.
- Entry/ Exit roof.
- Halogen internal lights.
- Cardreader Mounting (Please refer to Gunnebo Italdis S.p.A. for feasibility)

 Integration of customer supplied readers onto the FOS casework uprights.
- Cardreader Pedestals.

Traffic Lights

LED Red Cross and Green Arrow displays ٠

Push Button Control

- MP20 remote control (COM R1 board required). ٠
- Remote console to specific requirements. Casework mounted push button.

Additional Interface

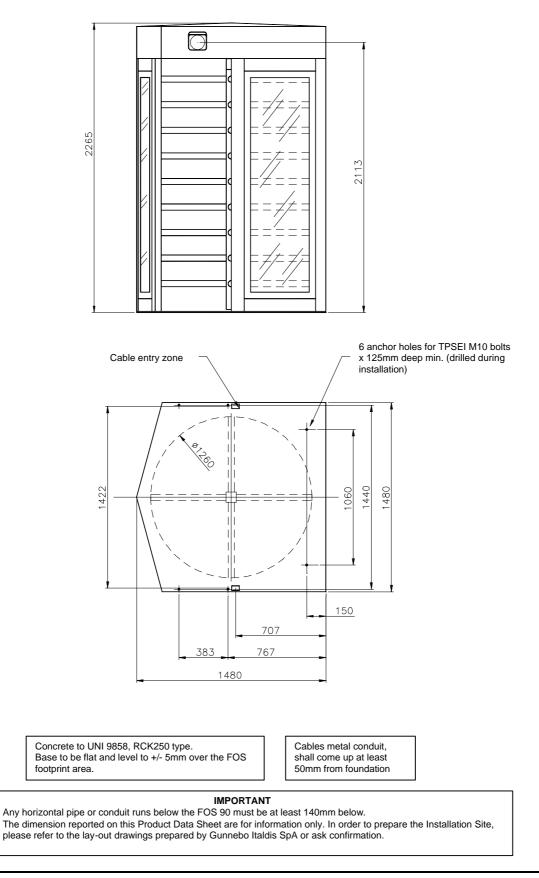
RS 485 Serial Interface

Counting

- LCD Counter
- Electro-mechanical Counter •

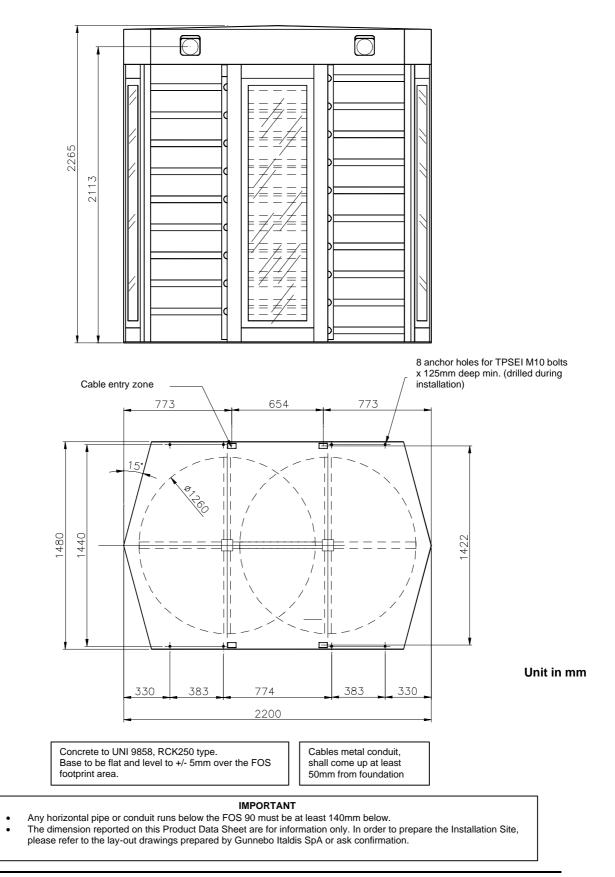
Installation Examples





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Flow Rates

Reader Device	Number per minute
Insertion type	12
Insertion type with PIN code keypad	7.5
Swipe type	15
Swipe type with PIN code keypad	8.5
Proximity 'Hands Free'	17

Please note the figures are approximate and must be confirmed with Gunnebo Italdis S.p.A.
 Figures quoted are for one person per complete passage per walkway and per minute.
 It is assumed the access control authorisation response is instantaneous.
 Flow rates will increase with multiple passage use.



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Note: In pursuit of its policy of continuous refinement and improvement, Gunnebo Italdis S.p.A. reserves the right to modify design and details.

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