

# FUNCTIONAL

**External automation by Ditec, quality stands out, automatically.**

Great care is required at the design stage of automation used on swing gates, as the gates are exposed to bad weather and are often very frequently used.

In order to offer the best possible solution, when designing the automation system, it is crucial to know exactly how the gate will be used.

Ditec offers a full range of products designed to allow easy installation on gates of any size and to cater for any type of duty.



# Ditec Obbi

**Safe and functional, for swing gates with doors up to 3 metres  
For medium duty**

## Elegant design

Gates for residential use often need to be powered with automation systems which not only guarantee long-term reliability, but also fully integrate with the aesthetics of the gate.

Ditec Obbi, with its refined and essential design, perfectly satisfies this requirement.

## Versatile

The structure, which is very thin, enables exceptional integration and easy assembly, thanks both to the special attachment system, which can also be fastened without welding, and the **01** multi-hole rear bracket, which makes it possible to find the ideal operating position by changing the combination of fastening holes.

## Simple

In the event of a power failure, the automation can be manually operated by using the key operated release system **02** or automatically operated if a control panel with battery has been installed.

## Distinctive features

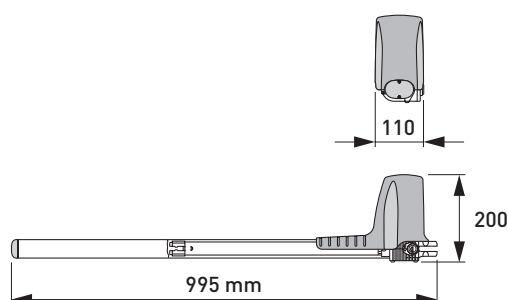
- High safety level ensured by the 24 V DC power supply
- Smart yet simple design
- Anodised aluminium shaft cover
- Adaptable to every type of gate, both modern and stylised
- Can be used to operate gates with small pillars
- Easily accessible key-operated release system
- The following features are available: partial opening, speed setting, soft start and soft stop

## Special accessories

- Back-up battery pack to be used in the event of a power failure



## Dimensions

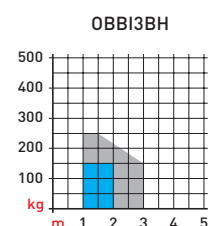


## Product range

OBBI3BH	up to 3 m
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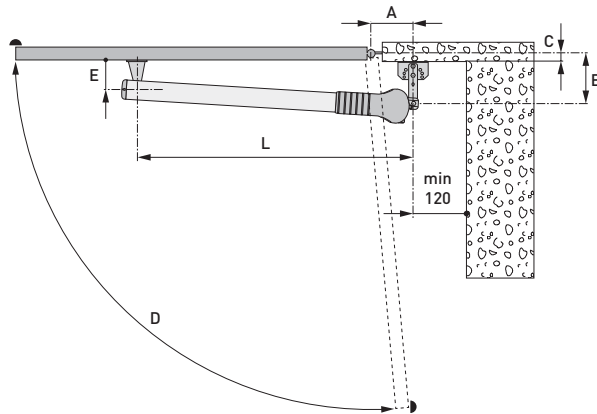
## Operation diagrams

- Recommended use
- Operation limit



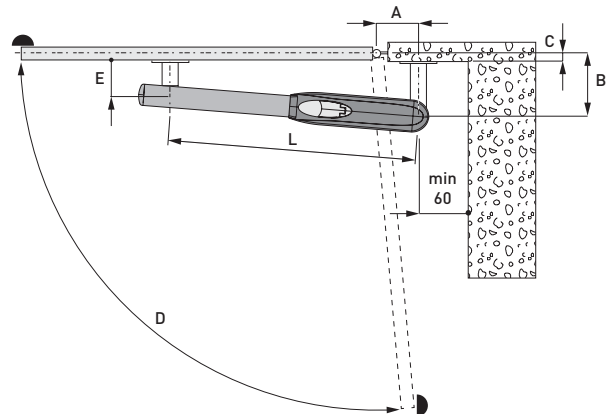
# Charts

## Ditec Obbi



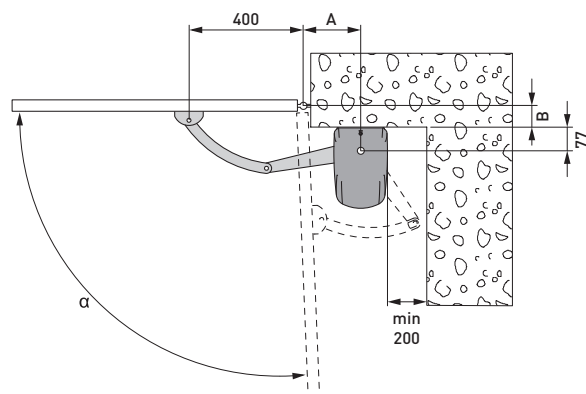
A	B	C max [90°]	D max	E	L
150	150	85	100°	75	910
120	160	95	100°	75	910
120	180	115	100°	75	910
160	120	55	110°	75	910

## Ditec Luxo



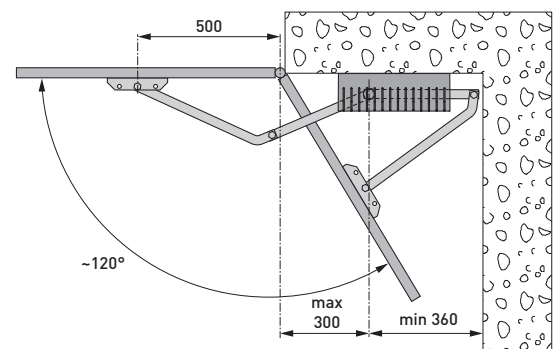
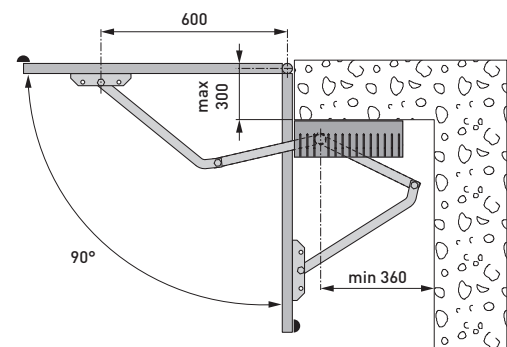
(*) Use measurements between minimum and maximum								
	A*	B*	A	B	C	D	E	L
Luxo 3B Luxo 3BH	min 105 max 130	min 120 max 170	130	170	100	90°	90	760
			105	140	70	90°		
			130	130	60	95°		
			170	130	50	110°		
Luxo 4BH Luxo 5B Luxo 5BH Luxo 5VBH	min 130 max 200	min 170 max 290	170	170	100	90°	120	910
			200	200	130	95°		
			200	170	100	120°		
			130	290	220	90°		

## Ditec Facil



		A (mm)								
B (mm)	0	90°	90°	95°	95°	100°	100°	105°	105°	110°
	50	90°	90°	95°	95°	95°	95°	95°	95°	95°
	100	90°	90°	90°	90°	90°	90°	90°	90°	/
	150	90°	90°	90°	90°	90°	90°	90°	/	/
	200	90°	90°	90°	90°	90°	/	/	/	/

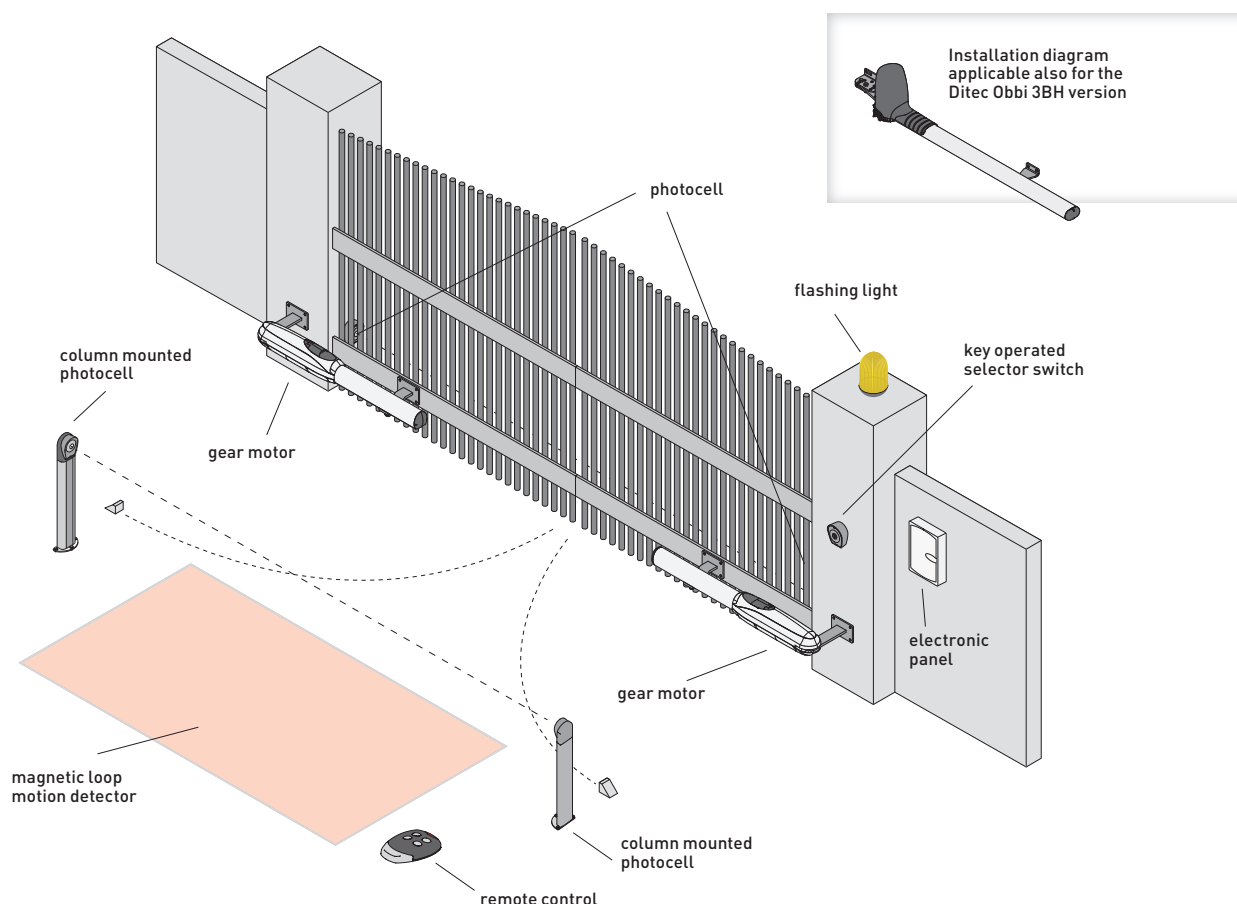
## Ditec Arc





# Examples of installation and technical characteristics

## Ditec Luxo



## Technical specifications

Description	Obbi 3BH	Luxo 3B	Luxo 3BH	Luxo 4BH	Luxo 5B	Luxo 5BH-5VBH
Electromechanical actuator	irreversible for up to 3 m wide wing	irreversible and reversible for up to 3.5 m wide wing	irreversible for up to 3.5 m wide wing	irreversible for up to 4 m wide wing	irreversible and reversible for up to 5 m wide wing	irreversible for up to 5 m wide wing
Stroke control		lever-operated limit switch (optional)	lever-operated limit switch (optional)	lever-operated limit switch (optional)	lever-operated limit switch (optional)	lever-operated limit switch (optional for 5BH)
Maximum capacity	250 kg x 1.5 m 150 kg x 3 m	350 kg x 2.5 m 250 kg x 3.5 m	300 kg x 2.5 m 200 kg x 3.5 m	350 kg x 2.5 m 200 kg x 4 m	500 kg x 3 m 250 kg x 5 m	500 kg x 3 m 250 kg x 5 m
Duty class	3 - medium duty	4 - heavy duty	4 - heavy duty	4 - heavy duty	4 - heavy duty	4 - heavy duty
Intermittent operation	S2 = 30 min S3 = 50%	S2 = 20 min S3 = 50%	S2 = 20 min S3 = 50%	S2 = 20 min S3 = 50%	S2 = 20 min S3 = 50%	S2 = 20 min S3 = 50%
Power supply	24 V DC	230 V AC / 50 Hz	24 V DC	24 V DC	230 V AC / 50 Hz	24 V DC
Power input	3 A	1.1 A	4 A	4 A	1.1 A	12 A
Thrust	1500 N	3000 N	2000 N	2000 N	3000 N	3000 N
Opening time	25 s/90°	22 s/90°	22 s/90° (E2HLX) 20-30 s/90° (VIVA H)	22 s/90°	32 s/90°	20-45 s/90°
Max stroke	350 mm	350 mm	350 mm	500 mm	500 mm	500 mm
Actuator maximum opening	110°	110°	110°	120°	120°	120°
Release system for manual opening	key-operated	key-operated	key-operated	key-operated	key-operated	key-operated
Operating temperature	-20°C / +55°C [-35°C / +55°C with NIO enabled]	-20°C / +55°C [-35°C / +55°C with NIO enabled]	-20°C / +55°C [-35°C / +55°C with NIO enabled]	-20°C / +55°C [-35°C / +55°C with NIO enabled]	-20°C / +55°C [-35°C / +55°C with NIO enabled]	-20°C / +55°C [-35°C / +55°C with NIO enabled]
Protection rating	IP 54	IP 24D	IP 24D	IP 24D	IP 24D	IP 24D
Product dimensions (mm)	110x200x995	100x120x890	100x120x890	100x120x1040	100x120x1040	100x120x1040
Control panel	E2HOB VIVA H	E2 LOGIC M	E2HLX VIVA H	E2HLX VIVA H	E2 LOGIC M	VIVA H