TMT Chow ! APP   TMT Website

TMT CHOW!

TMT AUTOMATION INC.

IDEAS FOR A SIMPLER, SMARTER LIFE

Integrated automation for garage doors, gates with
security doorbells, security cameras, and more

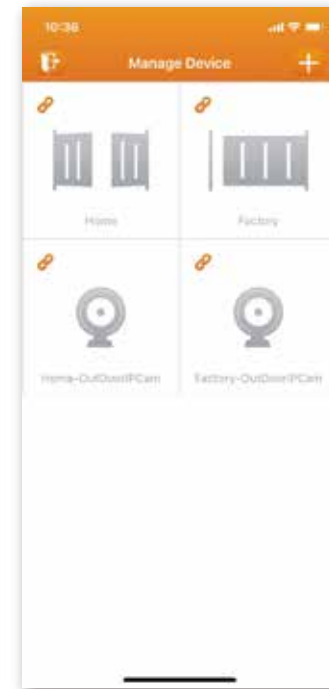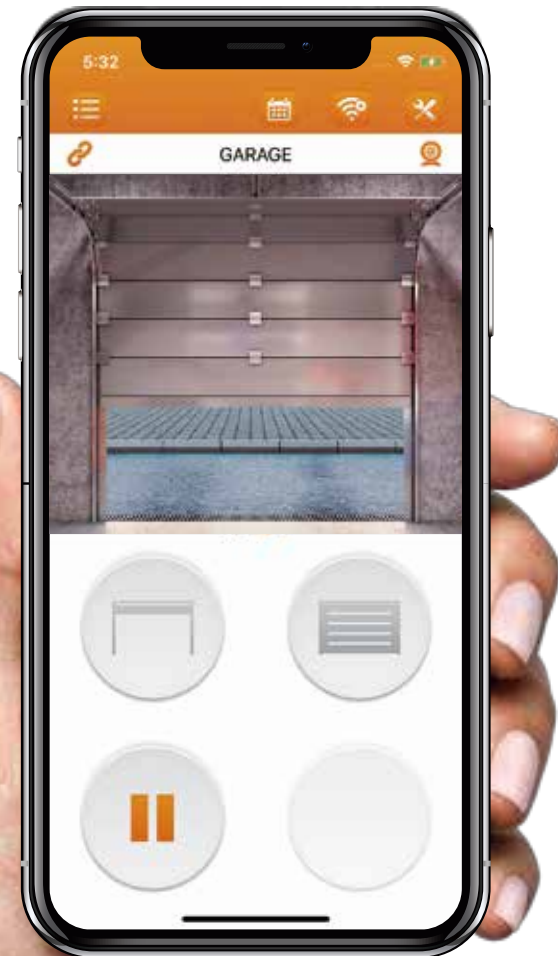GARAGE

TMT AUTOMATION INC.

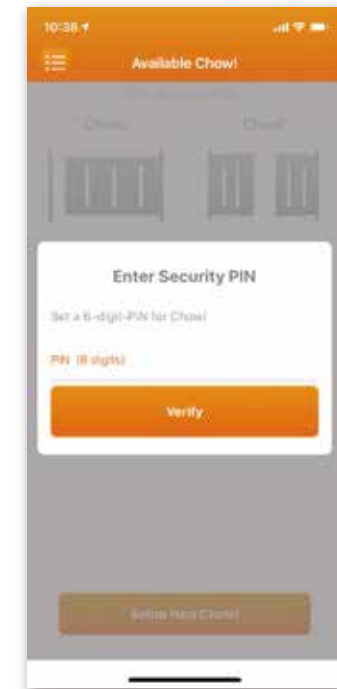www.tmt-automation.com

Chow! In Hand

Manage Your Home Door Anytime, Anywhere.

Download Chow! For Free

ANDROID APP ON
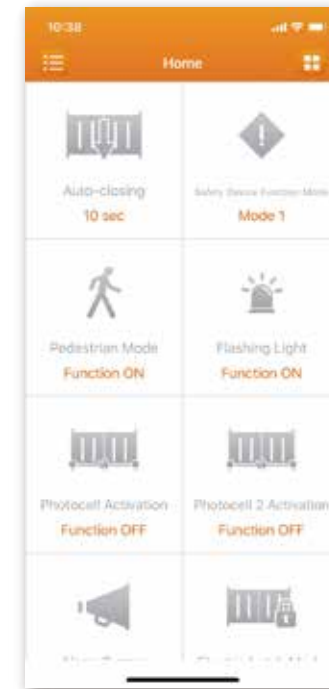Google play

Download on the
App Store

Convenient

- All your devices on one app
- Check and monitor from anywhere

Secure

- PIN code protection for your devices
- Check your door through Chow Cam

Easy

- Program the motor with the Chow! app with ease
- Includes simple setup guide

Make Your Home Security System Complete

Chow Bell

When Chow Bell rings will automatically send an instant alert to let you know a visitor is here. It allows you to be aware right away instead of running to the front door to check
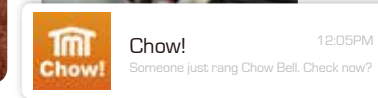
52 Sounds | Notifications | 450ft | Waterproof

Receiver At Home

You can set up multiple receivers and Chow Bells for any type of house
.

Phone Notification

Chow Bell notifies you when someone is visiting when you are not home.

Chow Cam

Securer Solution For Home

Set up Chow Cams at your front entrance and in the indoor space to make sure every corner of your house is safe.

Control With Smartphone

Check who is visiting through the Chow app.
Unlock your door remotely with your smartphone.
.

Waterproof | Support 128G SD Card (Not Included) | Mega Pixel IP CAM | Night Vision

COBBLE 80/100/120

Auto Detection
Allows users to check the current status of the motor while in operation
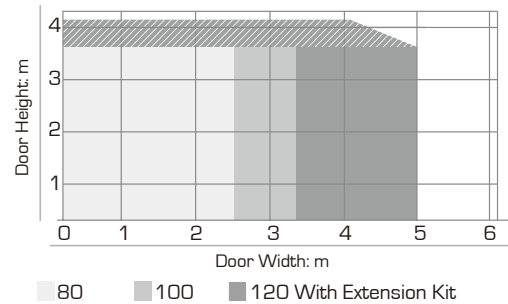
Extra Safety
Smooth operation with soft start/stop
Obstruction detection sensor
Lighten up every corner of your garage.
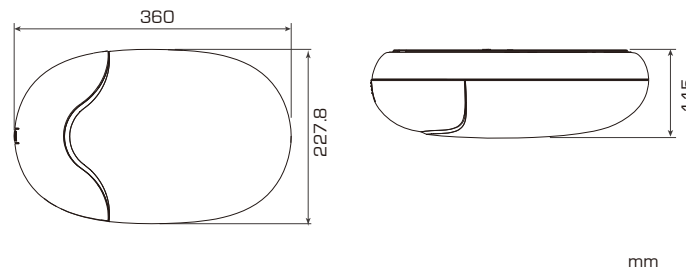
Smartphone Control
Remotely open and close doors with the Chow! app
Programming the motor through Chow! app
Extra home security and convenience with the Chow! Cam from anywhere and on any device.
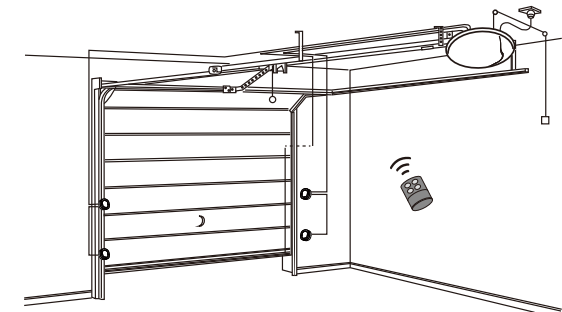
Application Diagram

Door Height: m

Door Width: m

80   100   120 With Extension Kit

Dimensions

360

227.8

115

mm

Basic Installation

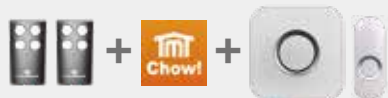| Model Name	COBBLE 80	COBBLE 100	COBBLE 120
Peak Pulling Force	800N	1000N	1200N
Motor Volt	DC24V	DC24V	DC24V
Power	80W	100W	144W
Rated Door Area	16m^2	18m^2	24m^2
Rail	Steel	Steel	Steel
Rail Length	3.3m/3.6m/3.9m	3.3m/3.6m/3.9m	3.3m/3.6m/3.9m
Drive	Chain/Belt	Chain/Belt	Chain/Belt
Speed (mm/sec)	140	140	140
Soft Start / Soft Stop	V	V	V
Lighting System	LED	LED	LED
Self Learn Force System	V	V	V
Accessories			
Smart Phone Control	V (Standard)	V (Standard)	V (Standard)
4 Button Transmitters	X2	X2	X2
Wall Transmitters (Optional)	●	●	●
Safety Beams (Optional)	●	●	●
Wireless Keypad (Optional)	●	●	●
Wireless Doorbell (Optional)	●	●	●
IP Camera (Optional)	●	●	●
Built-in IP Cam			

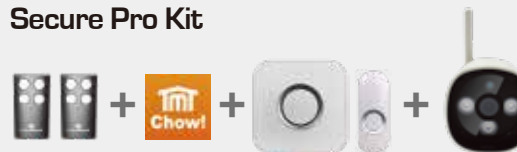## Security System

Basic Access Kit

Gate Opener,
2x Transmitters, Chow! app

Smart Starter Kit

Gate Opener, 2x Transmitters, Chow! app, Chow Bell

Secure Pro Kit

Gate Opener, 2x Transmitters, Chow! app, Chow Bell, Chow Cam

Basic Access Kit (gate opener, transmitters 2 pcs, Chow App). Smart Starter Kit (gate opener, transmitters 2 pcs, Chow App, Chow Bell).
Secure Pro Kit (gate opener, transmitters 2 pcs, Chow App, Chow Bell, Chow Cam).

AMOS & MARBLE 80/100/120

LED LED Lighting | Easy Installation | Smartphone Control | Secure Operation

Built-in Security Camera (AMOS Only)
Monitor the door and the garage from one device
Easy to check if the garage door is firmly closed
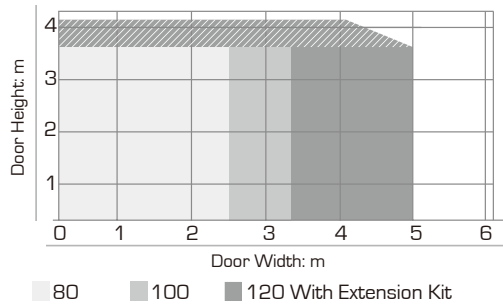
Extra Safety
Smooth operation with soft start/stop
Obstruction detection sensor
Lighten up every corner of your garage.
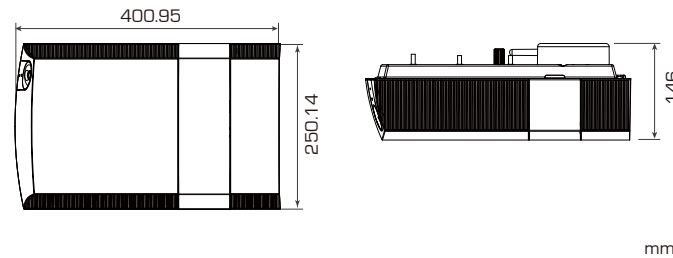
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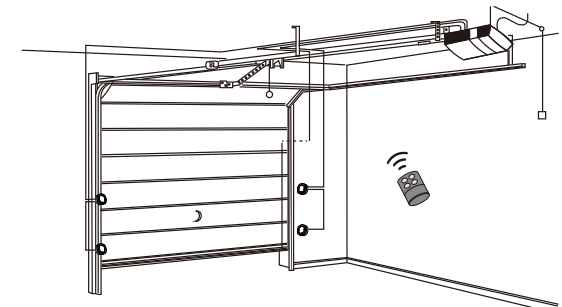Extra home security and convenience with the Chow! Cam

NEW!

Built-in IP Cam

NEW!

• AMOS(Black), MARBLE(White)

Application Diagram

Door Height: m

Door Width: m

☐ 80   ☐ 100   ■ 120 With Extension Kit

Dimensions

400.95

250.14

146

mm

Basic Installation

Model Name	AMOS 80/100/120	MARBLE 80/100/120
Peak Pulling Force	800N/1000N/1200N	800N/1000N/1200N
Motor Volt	DC24V	DC24V
Power	80W/100W/144W	80W/100W/144W
Rated Door Area	$16m^2/18m^2/24m^2$	$16m^2/18m^2/24m^2$
Rail	Steel	Steel
Rail Length	3.3m/3.6m/3.9m	3.3m/3.6m/3.9m
Drive	Chain/Belt	Chain/Belt
Speed (mm/sec)	140	140
Soft Start / Soft Stop	V	V
Lighting System	LED	LED
Self Learn Force System	V	V

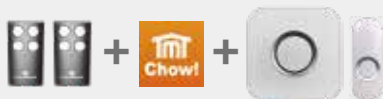| Accessories		
Smart Phone Control	V (Standard)	V (Standard)
4 Button Transmitters	X2	X2
Wall Transmitters (Optional)	●	●
Safety Beams (Optional)	●	●
Wireless Keypad (Optional)	●	●
Wireless Doorbell (Optional)	●	●
IP Camera (Optional)	●	●
Built-in IP Security Camera (AMOS Only)	●	

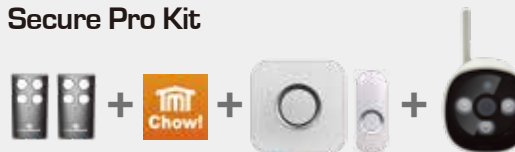## Security System

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BOXER 500/800 DC

Key Release **Easy Installation** **Smartphone Control** **Secure Operation** **Battery Backup**

Current Detection With LED Display
Allows users to monitor the operation status through a digital display board during installation
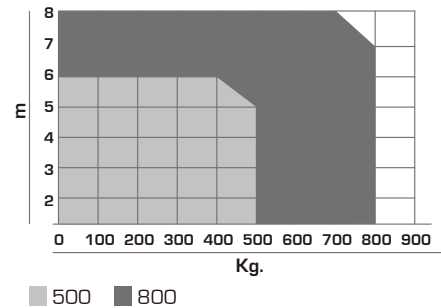
Guaranteed Quality
Aluminum die-cast motor base passed 40,000 life-cycle tests with 500/800kg fully loaded gate. UV stabilized over on main motor chassis providing great resistance to outdoor environments
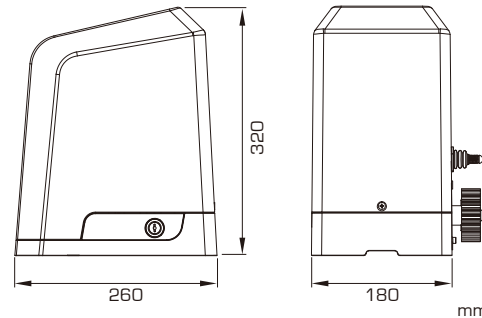
Smartphone Control
Remotely open and close doors with the Chow! app
Programming the motor through Chow! app
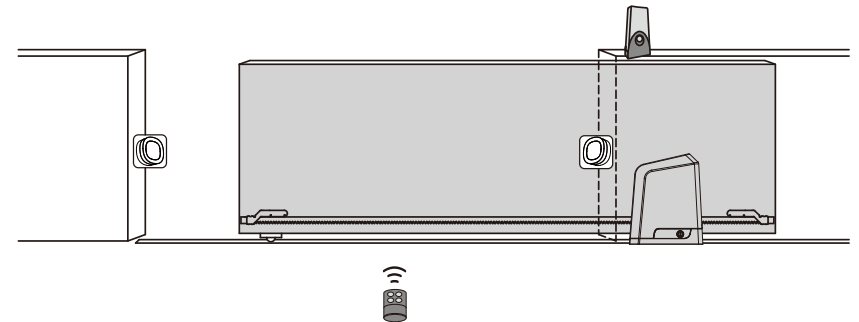Extra home security and convenience with the Chow! Cam from anywhere and any device

NEW! NEW!

Application Diagram

Kg.

500 800

Dimensions

320
260
180
mm

Basic Installation

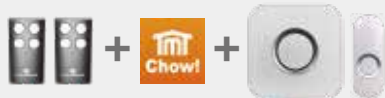| Model Name	BOXER 500	BOXER 800
Technical Feature	DC Sliding Gate Opener	DC Sliding Gate Opener
Max Gate Length	6M	8M
Max Gate Weight	500Kg	800Kg
Power Supply	110-240VAC (50-60Hz)	110-240VAC (50-60Hz)
Motor Power Supply	24VDC	24VDC
Motor Spec No.	5844 Motor L	7152 Motor
RPM	3800RPM	2600RPM/3600RPM
Gear Type	Worm Gear	Worm Gear
Peak Thrust	5000N	8000N
Gate Speed	21.9 cm/sec	25.8 cm/sec
Opening Time	< 27 sec (6M)	< 36 sec (8M)
Duty Cycle	20%	20%
Protection Grade (IP)/ Protection Class	IP 44	IP 44
Working Temperature/ Operating Temperature	-20~50℃	-20~50℃
Absorbed Current (A)	5.5A for Maximum 10 secs	5.5A for Maximum 10 secs
Absorbed Power (W)	144W	144W
Manual Release	Key	Key
Enclosure Dimensions	250mm*170mm*265mm	250mm*170mm*265mm

Security System

Basic Access Kit

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2x Transmitters, Chow! app

Smart Starter Kit

Gate Opener, 2x Transmitters, Chow! app, Chow Bell

Secure Pro Kit

Gate Opener, 2x Transmitters, Chow! app, Chow Bell, Chow Cam

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Secure Pro Kit (gate opener, transmitters 2 pcs, Chow App, Chow Bell, Chow Cam).

Key Release

230V

Smartphone Control

Max.50 Remote

Auto Close

Easy Setup
User-friendly control board with torques for overcurrent and force adjustment

Guaranteed Quality
Solid structure with worm gear to enhance durability

Safe Operation
Open/close gates with precision through limit switch
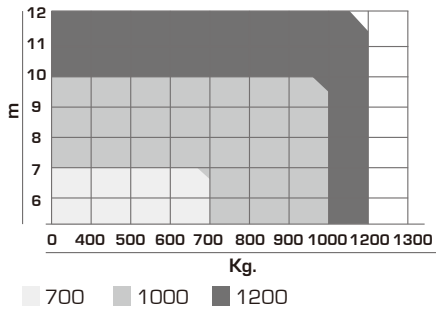Soft Star and Soft Close provide smooth operation and crash prevention

Smartphone Control
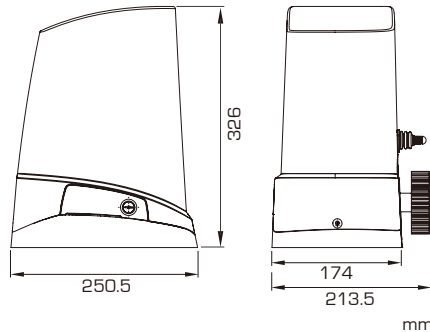Remotely open and close doors with the Chow! app
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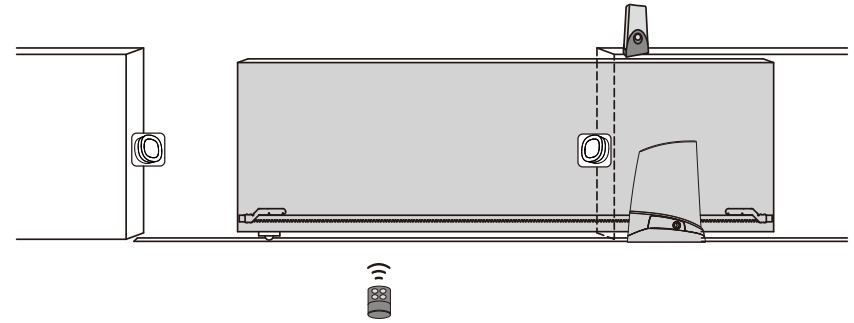
Application Diagram

m / Kg.

| | 0 | 400 | 500 | 600 | 700 | 800 | 900 | 1000 | 1200 | 1300 |

700   1000   1200

Dimensions

326
250.5
174
213.5
mm

Basic Installation

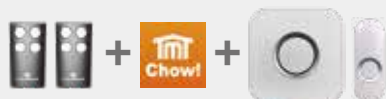| Model Name	HUSKY 700	HUSKY 1000	HUSKY 1200
Technical Feature	AC Sliding Gate Opener	AC Sliding Gate Opener	AC Sliding Gate Opener
Power Supply	AC230V 50Hz	AC230V 50Hz	AC230V 50Hz
Max Gate Length	7M	10M	12M
Max Gate Weight	700Kg	1000Kg	1200KG
Gear Type	Worm Gear	Worm Gear	Worm Gear
Peak Thrust	7000N	10000N	12000N
Gate Speed	19.78cm/s	19.78cm/s	19.78cm/s
Opening Time	< 17.7 sec	< 17.7 sec	< 27.3 sec
Duty Cycle	20%	20%	20%
Protection Grade (IP)/ Protection Class	IP 44	IP 44	IP 44
Working Temperature/ Operating Temperature	-20~50°C	-20~50°C	-20~50°C
Absorbed Current (A)	1.32A	1.85A	1.94A
Absorbed Power (W)	305W	420W	440W
Manual Release	Key	Key	Key
Enclosure Dimensions	250mm*174mm*323mm	250mm*174mm*323mm	250mm*174mm*323mm

Security System
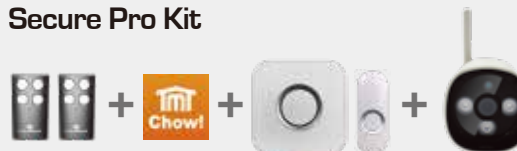
Basic Access Kit

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Gate Opener, 2x Transmitters, Chow! app, Chow Bell, Chow Cam

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TERRIER 150/200

Key Release | Easy Installation | Smartphone Control | Secure Operation | Battery Backup

Economical Choice For Light/Medium Weight Gates
Corrosion resistant treatment for metal surfaces allow motors to handle extreme weather
Strong structure with durable materials supports intensive use
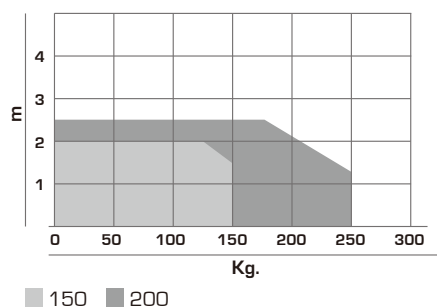
Easy Manual Release
Gates are able to be released effortlessly with a personal key in the case of power failure.

Smartphone Control
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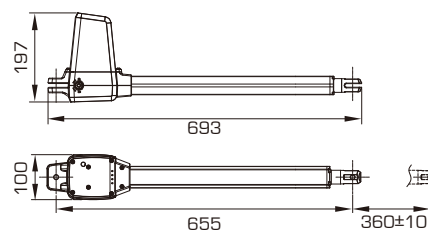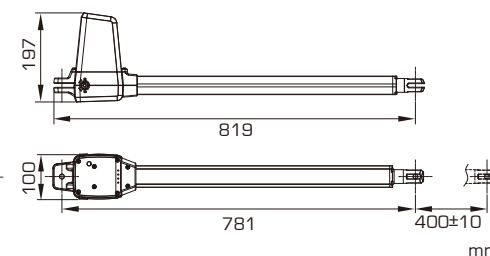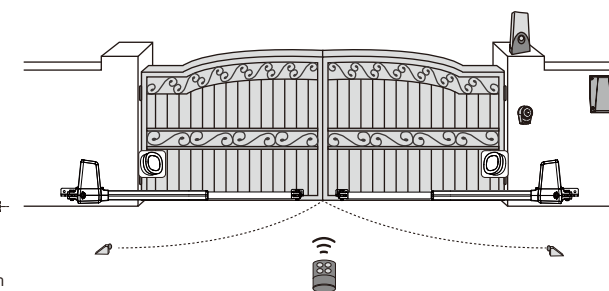
Application Diagram

m

4
3
2
1

0   50   100   150   200   250   300

Kg.

150   200

Dimensions

TERRIER150

197
693
100
655
360±10

TERRIER200

197
819
100
781
400±10

mm

Basic Installation

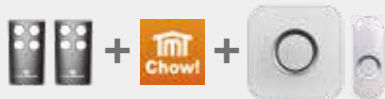| Model Name	TERRIER 150	TERRIER 200
Technical Feature	Swing Gate Opener	Swing Gate Opener
Max Gate Length	2M	2.5M
Max Gate Weight	150Kg	200Kg
Power Supply	110-240VAC (50-60Hz)	110-240VAC (50-60Hz)
Motor Power Supply	24VDC	24VDC
Motor Spec No.	4734	4734
RPM	3800RPM	3800RPM
Gear Type	Worm Gear	Worm Gear
Peak Thrust	2000N	2500N
Operation Stroke	360mm	400mm
Piston Extension	28.9mm/sec	28.9mm/sec
Opening Time	<13 sec	<14 sec
Duty Cycle	20%	20%
Protection Grade (IP)/ Protection Class	IP44	IP44
Working Temperature/ Operating Temperature	-20~50℃	-20~50℃
Absorbed Current (A)	4.2A	4.2A
Absorbed Power (W)	100W	100W
Manual Release	Key	Key
Enclosure Dimensions	698mm * 100mm * 197mm	819mm * 100mm * 197mm

Security System

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Gate Opener, 2x Transmitters, Chow! app, Chow Bell

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MASTIFF 300/400/400L

Key Release | **Smartphone Control** | **Secure Operation** | **Battery Backup**

Current Detection With LED Display
Allows users to monitor the operation status through a digital display board during installation

Premium Model For Medium To Heavy Gate
Design to operate up to 300kg, 350kg and 450kg per leaf on Mastiff swing gate series
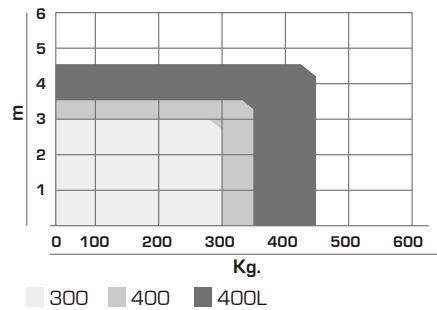
Smartphone Control
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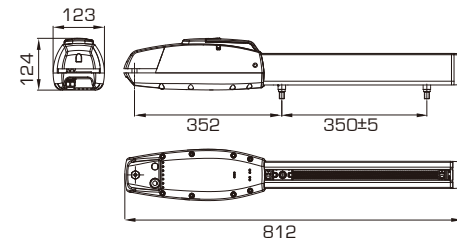Extra home security and convenience with the Chow! Cam from anywhere and any device
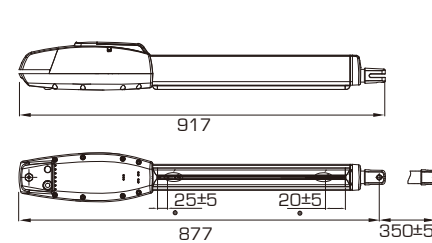
Application Diagram

Kg.
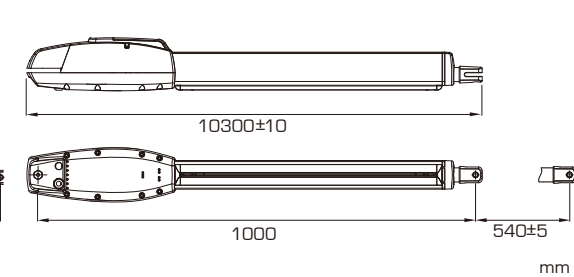
300   400   400L

Dimensions

MASTIFF 300

123
124
352   350±5
812

MASTIFF 400

917
25±5   20±5
877   350±5

MASTIFF 400L

10300±10
1000   540±5

mm

Model Name	MASTIFF 300	MASTIFF 400	MASTIFF 400L
Technical Feature	Swing Gate Opener	Swing Gate Opener	Swing Gate Opener
Max Gate Length	3M	3.5M	4.5M
Max Gate Weight	300Kg	350Kg	450Kg
Power Supply	110-240VAC (50-60Hz)	110-240VAC (50-60Hz)	110-240VAC (50-60Hz)
Motor Power Supply	24VDC	24VDC	24VDC
Motor Spec No.	5540	5540	5540
RPM	2600RPM	2600RPM	2600RPM
Gear Type	Worm Gear	Worm Gear	Worm Gear
Peak Thrust	3000N	3500N	4500N
Operation Stroke	350mm	350mm	540mm
Piston Extension	19.8mm/sec	19.8mm/sec	19.8mm/sec
Opening Time	<18 sec	<18 sec	<27.5 sec
Duty Cycle	20%	20%	20%
Protection Grade (IP)/ Protection Class	IP44	IP44	IP44
Working Temperature/ Operating Temperature	-20~50°C	-20~50°C	-20~50°C
Absorbed Current (A)	5.5A	5.5A	5.5A
Absorbed Power (W)	144W	144W	144W
Manual Release	Key	Key	Key
Enclosure Dimensions	844mm * 115mm * 106mm	917mm*123mm*124mm	1027mm * 123mm * 124mm

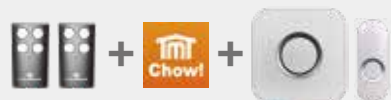| Accessories			
Built-in Physical Stopper	●		
Built-in Limit Switch	●	●	●

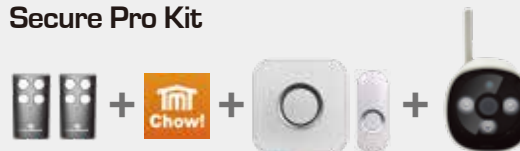## Security System

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PAPILLON 250

Hassle-Free Installation
Travel limits for gates can be easily set up once system learning is complete
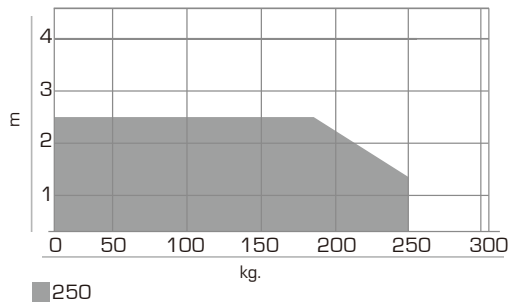
Guaranteed Quality
24VDC electromechanical gear motor with articulated arm
Strong adjustable die-cast aluminum physical stopper
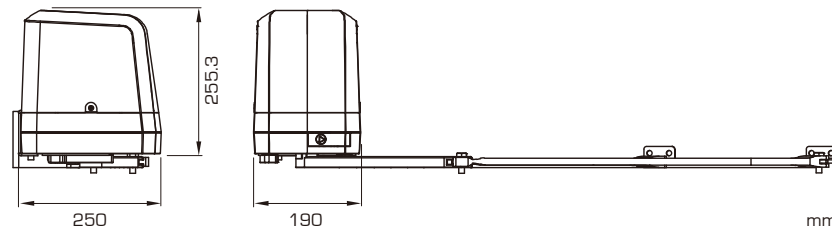
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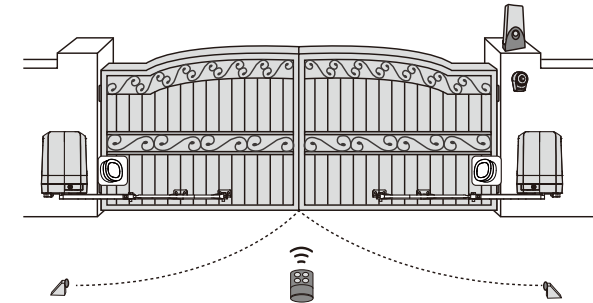
Application Diagram

m

4
3
2
1

0   50   100   150   200   250   300
kg.

■ 250

Dimensions

255.3

250   190   mm

Basic Installation

Model Name	PAPILLON 250
Technical Feature	Articulated Arm Opener
Max Gate Length	2.5M
Max Gate Weight	250Kg
Power Supply	110-240VAC (50-60Hz)
Motor Power Supply	24VDC
Motor Spec No.	5540
RPM	2600RPM
Gear Type	Worm Gear
Peak Thrust	2500N
Duty Cycle	20%
Protection Grade (IP)/ Protection Class	IP44
Working Temperature/ Operating Temperature	-20~50℃
Absorbed Current (A)	5.5A
Absorbed Power (W)	144W
Manual Release	Key
Enclosure Dimensions	256mm * 187mm * 267mm

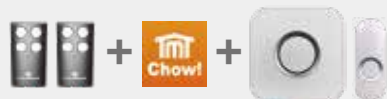| Accessories	
Built-in Physical Stopper	●
Built-in Limit Switch	●

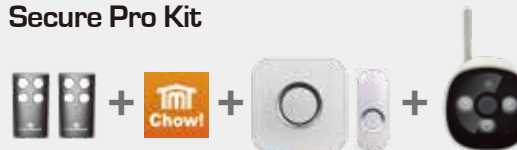## Security System

Basic Access Kit

Gate Opener,
2x Transmitters, Chow! app

Smart Starter Kit

Gate Opener, 2x Transmitters, Chow! app, Chow Bell

Secure Pro Kit

Gate Opener, 2x Transmitters, Chow! app, Chow Bell, Chow Cam

Basic Access Kit (gate opener, transmitters 2 pcs, Chow App). Smart Starter Kit (gate opener, transmitters 2 pcs, Chow App, Chow Bell).
Secure Pro Kit (gate opener, transmitters 2 pcs, Chow App, Chow Bell, Chow Cam).

CB Series Control System
Smart Control with Intelligent Functions
• Power input 110VAC/230VAC are both available
• Two backup batteries for power failure
• Built-in radio receiver to match transmitters
• Over-current design which comply with European safety regulation
• Elegant design with easy installation

P1 Wireless Keypad
• 433.92MHz frequency
• Requires 2 AAA batteries
• 50m transmission distance
• 2 transmission channels to control multi automated accesses
• Unique PIN codes for temporary use

FL2 Flashing Light
Flashing Light Powered with 24VDC
• Unique wall lightbox design which maximises light efficiency
• Halogen bulb provides excellent illumination
• Vertical and horizontal installations are both available

H2 Photocell
Photocell of Receiver/Transmitter
• Safety device for up to 15m sensing range
• Power input of AC/DC 12 ~ 24V
• Waterproof design for outdoor environments

TM3 Transmitter
4-Channel Remote
• Four-channel transmitter with programmable features
• Up to 50m transmitting distance
• With rolling code of 433MHz

Nylon Gear Rack
(For Sliding Motor)
• Dimension 1000 x 26.7 x 19.7mm

NEW!

Photocells / Reflector Type
• Sensing range up to 12m
• Input voltage DC 10-30 V
• Waterproof IP 65
• Dimension 58 x 58 x 20mm

Chow Bell
Smart Wireless Doorbell
- RC2032 battery in push button
- 1.5A AAA batteries 3pcs in receiver (Not Included)
- IP 44 waterproof
- 52 kinds of ringtones
- 4-level adjustable volume
- 450 feet operation range in an open area
- Easy installation and operation

Electric Latch
(For Swing Motor)
- Input voltage DC 24V
- Dimension 74 x 61 x 120mm

Metal Stopper
(For Swing Motor)
- Dimension 130 x 130 x 35mm

Chow Cam
Outdoor IP Cam
- IP 66 waterproof
- 1280 x 720 pixels
- 0°C ~ 55°C operating temperature
- Supports up to 128GB SD card (Not Included)

NEW!

Wireless Keybutton (Indoor)
- Transmitting distance up to 50m
- 4 Channel for programming
- Battery A23 12V 1pce
- Dimension 70 x 120 x 14mm

Never Have to Worry about Power Failure

Backup Battery Set (For Sliding Motor)
(12V/1.3A *2pcs)
- Dimension 98 x 44 x 58mm

Backup Battery Set (For Swing Motor)
(12V/2.2A *2pcs)
- Dimension 70 x 47 x 103mm