

**FOREST**  
DRAPERY HARDWARE



**WIRELESS**  
REMOTE



**TOUCH**  
CONTROL

## FOREST SHUTTLE® & FMS® Series

The Forest Shuttle® curtain motor and the Forest Motorised curtain track System (FMS®) make an unbeatable combination when it comes to a troublefree operated electric curtains.



FOREST SHUTTLE® M  
FOREST SHUTTLE® L  
FOREST SHUTTLE® AC  
FOREST SHUTTLE® iOn

FOREST FMS®  
FOREST FMS® Plus

THE WORLD  
BEHIND  
YOUR  
CURTAINS



# FOREST SHUTTLE® Series



When it comes to comfort, the Forest Shuttle® lives up to its expectations. Being able to open and close your drapes remotely, from the comfort of your chair, when you are on holiday, automatically at pre-programmed opening and closing times or even linked to variable sunrise and sunset times. The Forest Shuttle® is the silent force behind the opening and closing of draperies all over the world.

The Shuttle® can be fully integrated in all major home automation systems.

For maximal safety, integrated emergency control ensures manual operation of the drapery in case of power failure.

The smooth and silent running curtain track system can, in addition to remote operation, also be operated by hand.

## PRODUCT INFORMATION

The Forest Shuttle® family of motors offer the following functions:

- High quality, extremely reliable and ultra silent motor.
- Integrated RF multi receiver, for Diamond Sense Remote control or wall switch.
- Various control options: Remote Control (RF), Home automation
- Full automatic setting of the limits.
- Programming of intermediate positions possible.
- Integrated Emergency Control with automatic declutch in case of power failure, to ensure a manual operation of the curtains.
- Stack-back position programmable to every desired setting;
- Can be used in combination with various motorised track systems like Forest Motorised Track System (standard option)
- Can be mounted on the left or the right side of the track.
- Can be used with curved Forest motorised track systems.
- Tandem motor application possible as well.
- Upside down inverted motor mounting available.
- Variable velocity with slow start and slow stop.
- Warranty: 10 years on motor (2 years on battery pack iOn)

## COLOUR OPTIONS SHUTTLE®



White



Black

\*1 Except Shuttle® AC

## FOREST SHUTTLE® SERIES

The Forest Shuttle® is offered in 5 versions.  
Choose which Forest Shuttle motor best suits your  
application integration needs:



**SHUTTLE® M**

24 Volt



**SHUTTLE® L**

100 - 240 Volt



**SHUTTLE® AC**

100 - 240 Volt



**SHUTTLE® iOn**

14,8 Volt





# FOREST SHUTTLE® iOn



Our bestselling Forest Shuttle® system is also available in a wireless, battery powered version. The Shuttle® iOn is perfect for areas without nearby power points.

An extensive period of research, development and endurance testing on countless of track set-ups has resulted in the Forest Shuttle® iOn. The Shuttle® iOn's motor is fitted with an internal, removable heavy duty battery pack. Depending on the track size and curtain weight, the battery only needs to be charged 2 to 3 times per year.

You can expect the same unique functionalities as that of the wired Shuttle® L, like Touch Control technology. The motor has an integrated Multi RF receiver, allowing for operation using any Forest remote control option.

## Unique in the market

The Shuttle® iOn can be used in combination with curved tracks, which is unique in the market. It fits all Forest motorised track systems, like the FMS® system, FMS® Plus recess system.

## FOR USE IN

Hotels, offices, residences, boats and yachts, showrooms or anywhere a wireless motorised track system is required for curtains and drapes.

## PRODUCT INFORMATION

- Li-ion rechargeable battery pack;
- Suitable for curtains up to 25 kg and 8 meter track length (straight track);
- Suitable for bended/curved curtain tracks
- A single full charge will last up to 6 months;
- Available colours: white, black.



# FOREST SHUTTLE® Control Options

Our wide range of controls make finding a fit for your home even easier; controlling the curtains by hand, remote or even by building automation system. With the remote you can control the curtains in any position you like. When controlling the motorised curtain system by your smartphone or tablet, you can create and schedule customised room scenes that allow your curtains to operate on their own throughout the day.



## FOREST DIAMOND SENSE REMOTE

15 or 2 Channel Remote control. Control up to 15 systems individually and in group by integrated timer function or manual. Auto-On mode, when holding hand above it, the integrated LED light will automatically come on. Radio control, range up to 30 meters. Including magnetic wall support.



## FOREST WIRELESS CONNECTOR

The Forest Wireless Connector is an easy way to make the motorised curtain systems 'smart'. This wireless remote solution works in combination with an analogue timer or a smart plug such as services as Apple HomeKit or Google Assistant or Amazon Alexa become available. With the Forest Smart Plug it is possible to control by the Forest Connect app. The Wireless Connector is also easily incorporated into most popular building management systems, including dry contact controls.



## BUILDING AUTOMATION / HOTEL CONTROL

The Forest Shuttle® can be connected to any Building Automation system, by relay control.

## SMART DEVICE CONNECTIVITY



Configure the right motorised curtain track system in a few steps.

	Shuttle S/M/L	Shuttle S/M/L/ with Z-Wave	Shuttle iOn	Shuttle AC	Forest Connect app	Google Home	Apple HomeKit	Amazon Alexa	Google Assistant	Apple Siri	Voice control
Forest Wireless Connector One way transmitter to control curtains by third party apps or by Domotics. (433Mhz)	●		●		● <sup>1</sup>	● <sup>1</sup>	● <sup>2</sup>	● <sup>1</sup>	● <sup>1</sup>	● <sup>1</sup>	● <sup>1</sup>
Smartwares Controller in combination with HomeWizard lite app (433 Mhz)	●		●					●			
Homey in combination with Homey app	●	●	●			●	●	●	●	●	
FIBARO System in combination with FIBARO Home Center app		●		● <sup>3</sup>		●	●	●	●	●	
Samsung SmartThings Hub in combination with Samsung SmartThings app		●				●	●	●	●	●	
230 Volt hard-wired building management system	● <sup>4</sup>			●							

1) In combination with Forest smart plug

2) In combination with Apple HomeKit smart plug

3) Only with FIBARO Roller Shutter 3 / Walli Roller Shutter

4) In combination with an AC Control Set

## WORKS WITH



[www.amx.com](http://www.amx.com)



[www.knx.nl](http://www.knx.nl)



[www.z-wave.com](http://www.z-wave.com)



[www.crestron.com](http://www.crestron.com)



[www.smart-homes.nl](http://www.smart-homes.nl)

Forest Shuttle® is compatible with many other Building Automation systems, thanks to its modular construction. A competitive advantage over other motorised drapery systems in the world!



# FOREST SHUTTLE® Technical information



## SHUTTLE® M

## SHUTTLE® L

### SPECIFICATIONS

Voltage Shuttle	24V DC	100 - 240V~ 50 - 60Hz 0.8A
RF Multi Receiver	Internal, optional	Internal
Power Supply	External, 100-240V AC - 1,5A - 50-60Hz; Output 24V DC - 2,7A	Internal
Max. power	65W	40W
Torque:	1.5 Nm	1.0 Nm
Speed:	14-17 cm/s	14-17cm/s
Noise Level:	< 40 dB(A)	< 40 dB(A)
Max. curtain weight (without curves)	70 kg	40 kg
Dimensions Motor:	7 x 5 x 23 cm	7 x 5 x 28 cm
Net. Weight Motor	930 gr.	930 gr.
Dimensions Power Supply	50 x 110 x 30 mm	-
Protection degree	IP20	IP20
Max. running time	240 sec (in one direction)	240 sec (in one direction)
Colour options	White / Black	White / Black
Certification & Marking:		

### FEATURES

Touch Control technology	✓	✓
Integrated Emergency control	✓	✓
RF Communication Standard	✓	✓
Z-Wave communication	✓	✓
Automation System compatible	✓	✓
Wi-Fi compatible	✓	✓
Works with DS-XL LED Dimmer	✓	✓ (additional adaptor needed)
Works with Wireless Connector	✓	✓
Can be used with curved track	✓	✓
Plug & Play	✓	✓
Warranty	10 Years	10 Years



## SHUTTLE® AC

## SHUTTLE® iOn

### SPECIFICATIONS

Voltage Shuttle	100 - 240V~ 50 - 60Hz 0.8A	14.8V DC
RF Multi Receiver	Internal	Internal
Power Supply	Home Automation 230V	Charger Input 100 - 240~, 50-60Hz, 2.0A Charger Output 16,8Vdc 1000mA Removeable Battery Pack
Max. power	40W	30W
Torque:	1.0 Nm	1.0 Nm
Speed:	14-17cm/s	14-17cm/s
Noise Level:	< 41 dB(A)	<40 dB(A)
Max. curtain weight (without curves)	40 kg	25 kg
Dimensions Motor:	7 x 5 x 28 cm	7 x 5 x 32 cm
Net. Weight Motor	980 gr.	1160 gr.
Dimensions Power Supply	-	-
Protection degree	IP20	IP20
Max. running time	240 sec (in one direction)	150 sec (in one direction)
Colour options	White	White / Black
Certification & Marking:	CE	CE

### FEATURES

Touch Control technology	-	√
Integrated Emergency control	√	√
RF Communication Standard	√	√
Z-Wave communication	-	-
Automation System compatible	√	√
Wi-Fi compatible	-	-
Works with DS-XL LED Dimmer	-	√ (additional adaptor needed)
Works with Wireless Connector	-	√
Can be used with curved track	√	√
Plug & Play	-	√
Warranty	10 Years	10 Years on motor, 2 years on battery pack



# FOREST MOTORISED TRACK SYSTEM - FMS®



The Forest Shuttle® and the Forest motorised curtain track system (FMS®) make an unbeatable combination when it comes to noiseless operated curtains.

The FMS® System is an elegant system for all types of medium and heavyweight draperies. Available in 6m lengths and in 2 colours: white and black.

## FMS® PLUS AND RECESS FIXATION

Instead of a regular ceiling fix or wall fix installation of the FMS® track system, Forest Group also offers a solution for recess fixed motorised curtain track. The FMS® Plus system is ideal for a clean, concealed curtain track installation. The recess profile can be fitted during the construction of the ceiling, the FMS® Plus motorised track can then be fitted once all the finishing works have been completed. The motor can be placed in a regular position, or upside down into the ceiling. The system can be fitted with the regular FMS® carriers or wave carriers.

## FOR USE IN

Hotels, offices, residences, boats and yachts, showrooms, business meeting rooms, conference centers or anywhere a silent motorised track system is required for curtains and drapes.

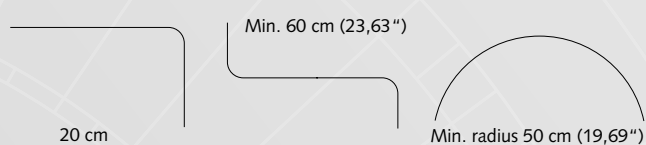
## PRODUCT INFORMATION

- Compact and noiseless operated motorised track system
- All Shuttle® motors can be used on the FMS® System;
- Available in white and black
- Components in matching colours;
- Clickable off-set carriers for a straight heading of the curtain; rolling carriers and Easyflex carriers also available;
- Motor can be mounted on the left or the right of the track.
- One-way draw or center (split) draw curtains possible;
- All KS® bracket compatible;
- Ceiling brackets and wall brackets available;
- FMS® track come in 6m lengths;
- FMS® track can be curved/bended;



## BENDING / CURVING

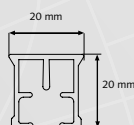
The FMS® track (only) can be bent and reversed bent with a radius of 20 cm (8"). This track can also be curved/rolled.



## PROFILE

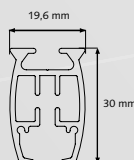
### FMS® Track

- Weight 303 gr/mtr.
- Size 20 x 20 mm
- Aluminium extrusion



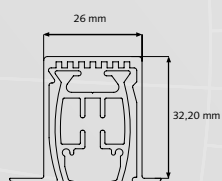
### FMS® Plus Track

- Weight 500 gr/mtr.
- Size 19,6 x 30 mm
- Aluminium extrusion



### FMS® Plus Recess Profile

- Weight 555 gr/mtr.
- Size 26 x 32,20 mm
- Aluminium extrusion



## FOREST FMS® TRACKS

The FMS® track system is in four versions available:

### FMS® TRACK



### FMS® PLUS



### RECESS PROFILE WITH FMS® PLUS TRACK



- 1 Shuttle® Motor
- 2 Motor Pulley
- 3 FMS® Track
- 4 FMS® Return Pulley
- 5 FMS® Glider
- 6 FMS® Master Carrier Underlap
- 7 FMS® Master Carrier Overlap

