

DOMOTICS
READY



APP
CONTROL



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

FOREST FMS®
FOREST FMS® Plus
FOREST FMS® Plus Recess
FOREST FMS® Dual



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 curtains 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 curtains all over the world.

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

For maximum 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. Thanks to Touch Control technology, a gentle pull on the curtain is enough to activate the motor.

COLOUR OPTIONS SHUTTLE®



White



Grey



Anthracite



Black

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: App control, Remote Control (RF), Wall Switch Domotics, Building/Hotel Automation, Serial Communication, Z-Wave etc
- Full automatic setting of the limits
- Programming of intermediate positions possible
- Touch Control Technology, gently pulling the curtain by hand will activate the motor. Sensitivity adjustable (except for the Shuttle® AC)
- 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 FMS System (standard option), FMS Dual Channel system, Motorised Design System (DS-XL LED) and Motorised Rod System (MRS)
- Can be mounted on the left or the right side of the track
- Can be used with curved Forest motorised track systems.
- Integrated Z-Wave Plus as option (only Shuttle® S/M/L) For Skylight System (FSS®) a special Shuttle® M motor with receiver and fixed drive is available
- 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)



DECORATIVE TRACK OPTIONS

The whole range of Forest motors' are totally compatible throughout our electrically operated curtain track range including the decorative options like the DS-XL® LED motorised system and the Motorised Rod System (MRS®).



reddot winner 2021



**DS-XL® LED
DESIGN TRACK**



**MRS®
MOTORISED
ROD TRACK**

SMART HOME DEMO SUITCASE

We have redesigned our demo case for motorised systems. Besides samples of our standard motorised curtain track system, FMS®, and the FMS® Plus with recess profile, you will also find the new two-channel system, FMS® Dual, and our motorised rod system, MRS®. Easily demonstrate app operation thanks to the included WiFi dongle and the Wireless Connector. All other operating modes, accessories and documentation are of course included.



FOREST SHUTTLE® SERIES

The Forest Shuttle® is offered in 5 versions.

Choose which Forest Shuttle motor best suits your application integration needs:



SHUTTLE® S

24 Volt



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

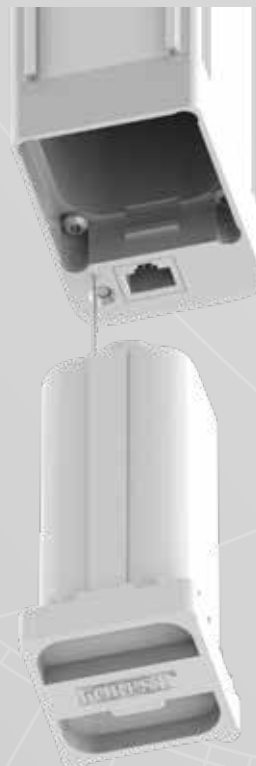
The Shuttle® iOn can be used in combination with curved tracks (max. 2 bends), which is unique in the market. It fits all Forest motorised track systems, like the FMS® system, FMS® Plus recess system, MRS® motorised rod system and also the DS®-XL motorised design system.

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 bent/curved curtain tracks with up to 2 bends in, for example, bay windows
- 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.



REMOTE CONTROL

We offer two types of RF remote controls: the EasyTouch and the Diamond Sense.

- The EasyTouch controls up to 6 systems, with the option to deactivate unused channels.
- The Diamond Sense is a 15- or 2-channel remote with an LED display. Systems can be operated manually or with the integrated timer. The LED display automatically lights up when your hand moves over it.

Both remotes have a range of up to 30 meters.



APP CONTROL VIA FOREST WIFI-DONGLE

With the Shuttle® Wi-Fi dongle, you can control your motorised curtains with your mobile device by the Forest Connect app or even by voice command with the easy integration in for example Google Home or Amazon Echo without the need for an additional hub or gateway.

APP CONTROL VIA FOREST WIRELESS CONNECTOR

The Forest Wireless Connector provides an easy solution to make Forest motorised curtains 'smart.' When combined with a smart plug, you can effortlessly control the curtains through a mobile app. Controlling the motorised curtains system by your smartphone or tablet, you can create and schedule customized room scenes that allow your curtains to operate on their own throughout the day.



Scan for more info

If you prefer to use the Forest Connect App, you can opt for Forest's smart plug.

If you wish to operate your curtains with Apple HomeKit, Amazon Alexa, or Google Assistant, you will need a compatible third-party smart plug that works with these smart home apps. This RF device can also be seamlessly integrated into the most common building management systems, including systems with dry contacts.

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
Forest Wireless Connector One way transmitter to control curtains by third party apps or by Domotics. (433Mhz)	●		●		● ¹	● ¹	● ²	● ¹	● ¹	● ¹
Forest Wi-Fi Dongle in combination with Forest Connect app	●	●			●	●		●	●	●
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		●		● ³		●	●	●	●	●
Samsung SmartThings Hub in combination with Samsung SmartThings app		●				●	●	●	●	●
230 Volt hard-wired building management system	● ⁴			●						

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

FOREST SHUTTLE® WORKS WITH



* Only works with an actor.

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



SPECIFICATIONS

	SHUTTLE® S	SHUTTLE® M	SHUTTLE® L
Voltage Shuttle	24V DC	24V DC	100 - 240V~ 50 - 60Hz 0.8A
RF Multi Receiver	Internal	Internal, optional	Internal
Power Supply	External, 100 - 240V AC - 0,8A - 50 - 60Hz; Output 24V DC - 2,5A	External, 100-240V AC - 1,5A - 50-60Hz; Output 24V DC - 2,7A	Internal
Max. power	40W	65W	40W
Torque:	1.0 Nm	1.5 Nm	1.0 Nm
Speed:	14-17cm/s	14-17 cm/s	14-17cm/s
Noise Level:	< 40 dB(A)	< 40 dB(A)	< 40 dB(A)
Max. curtain weight (without curves)	40 kg	70 kg	40 kg
Dimensions Motor:	7 x 5 x 20 cm	7 x 5 x 25 cm	7 x 5 x 28 cm
Net. Weight Motor	700 gr.	930 gr.	930 gr.
Dimensions Power Supply	50 x 80 x 30 mm	50 x 110 x 30 mm	-
Protection degree	IP20	IP20	IP20
Max. running time	240 sec (in one direction)	240 sec (in one direction)	240 sec (in one direction)
Colour options	White / Anthracite / Black	White / Grey / Anthracite / Black	White / Anthracite / Grey / Black
Certification & Marking:	CE/FCC	CE/FCC	CE/FCC

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	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 32,5 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