



 **SMART HOME**  
READY

 **APP**  
CONTROL

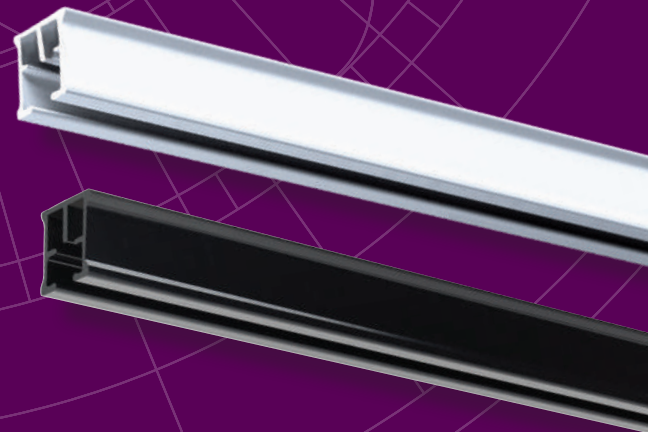
 **WIRELESS**  
REMOTE

 **TOUCH**  
CONTROL

## **FMS**® FOREST MOTORIZED TRACK SYSTEM

FMS The original Forest Motorized Track  
FOREST SHUTTLE Motors

THE WORLD  
BEHIND  
YOUR  
DRAPERIES



# FOREST MOTORIZED TRACK SYSTEM



Scan for more information on the  
FMS Motorized Track System




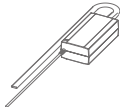

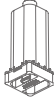

## FMS® FOREST MOTORIZED SYSTEM







- The original Forest motorized track, aluminum extrusion, white, powder coated and lubricated with a patented process. Ultra-quiet and smooth operation for contract or residential applications.
- Track can be bent or curved. An actual size template is required.
- Maximum weight is 6 lbs/ft.
- Motorize with any Forest Shuttle. See all motor specifications on the following pages. All Forest Shuttle motors include a 10 year warranty.
- Control drapes with a gentle tug, wall switch remote, any home automation system or by smart phone app.

### ASSEMBLED SETS





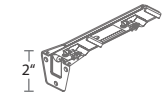
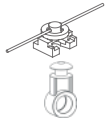
Includes track, masters, pinchpleat or ripplefold carriers, brackets, motor, power supply, and Diamond Sense remote or wall switch.


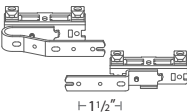
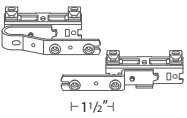
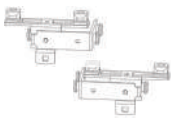



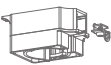


See all motor specifications on the following pages.

FMS	COMPONENT
• 	<b>52925-25 Shuttle HD (M) 52925-59 Shuttle HD (M) black</b> <b>52939-25 Shuttle Eco (S)</b> <b>52923-25 Shuttle L</b> See motor specs on pages 91-92
• 	<b>52928-25 Power Cord, 7' 6"</b> <b>52934-25 Power Cord, 16'</b> includes 24 volt power supply
• 	<b>52926-25 Shuttle iOn</b> Includes battery pack and charger with cable. See motor specs on pages 91-92
• 	<b>52949-25 Battery Pack</b> Lithium iOn battery charger for use with Shuttle iOn
• 	<b>52924-59 Power Cord</b> for use with Shuttle iOn battery charger

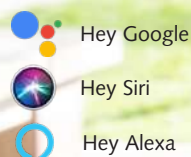
FMS	COMPONENT
• 	<b>52933-25 white</b> <b>59 black +10%</b> Diamond Sense Wall Switch 2 channel
• 	<b>52931-25D white</b> <b>59D black +10%</b> Diamond Sense Remote RF, 15 channel w/ holder, range 98'
• 	<b>52947-25</b> Wireless Connector One way transmitter to control drapery by third party app or by home automation. Works with all Forest Shuttle & tubular motors.
• 	<b>52953-25</b> Smart Plug
•  	<b>52948-25</b> <b>59 black +10%</b> Wi-Fi Dongle Bi-directional communication using Forest Connect app. Use with Forest Shuttle HD, L & Eco.

# FOREST MOTORIZED TRACK SYSTEM

FMS	COMPONENT
• 	<b>51319-25</b> white <b>59</b> black +10% FMS Track 19' x 10 tracks per bundle bundle = 190'
• 	<b>3906-25</b> <b>59</b> black +10% Track Connector and Key <b>3904-00</b>
• 	<b>3003-25</b> <b>59</b> black +10% HD Klick Ceiling Bracket
• 	<b>30031-25</b> <b>59</b> black +10% Ceiling Bracket Cover
• 	<b>53202-25</b> <b>59</b> black +10% 3" Klick Single Wall Bracket with wide base adjusts 3" - 4 1/2"
• 	<b>53206-25</b> <b>59</b> black +10% 6" Klick Double Wall Bracket with wide base adjusts 2 1/2" - 4" and 6" - 7 1/2"
• 	Two Piece Connected Snap Carrier w/ Square Base, in plastic sleeve. Use 1 1/4" snap tape <b>2114-25</b> , <b>59</b> black 60% fullness, 2 5/8" OC <b>2111-25</b> , <b>65</b> brown, <b>90</b> grey 80% fullness, 2 3/8" OC <b>2112-25</b> , <b>59</b> black 100% fullness, 2 1/8" OC <b>2115-25</b> , <b>59</b> black 120% fullness, 1 7/8" OC
• 	<b>52008-25</b> <b>59</b> black +10% Slim Line Klick Carrier Draperies hang to conceal track

FMS	COMPONENT
• 	<b>52009-25</b> Ball Bearing Carrier for motorization
• 	<b>52508-25</b> Overlap Right <b>52509-25</b> Underlap Left <b>59</b> black +10% Belt Master Carrier
• 	<b>52508-25A</b> Overlap Right <b>52509-25A</b> Underlap Left <b>59A</b> black +10% Belt Master Carrier with snaps
• 	<b>52410-25</b> Butt Right <b>52409-25</b> Butt Left <b>59</b> black +10% Butt Master Carrier with snaps
• 	<b>2552-25</b> 6" Extension Arm for master Use w/ two one-way draw
• 	<b>9012-25</b> Transport Belt Kevlar reinforced
• 	<b>52512-25</b> white <b>59</b> black +10% Transport Belt Connector
• 	<b>52903-25</b> <b>59</b> black +10% Motor Pulley Connects motor to track
• 	<b>52910-25</b> <b>59</b> black +10% Return Pulley
• 	<b>52912-25</b> Open Return Pulley

# SHUTTLE® MOTOR COMPARISON CHART



## SHUTTLE® HD (M)

## SHUTTLE® ECO (S)

## SHUTTLE® L



### SPECIFICATIONS

### FEATURES

VOLTAGE SHUTTLE	24V DC	24V DC	100-240V, 50-60Hz 0.8A
RECEIVER	Internal, optional	Internal	Internal
POWER SUPPLY	External, 100-240V AC - 1.5A, 50-60Hz; Output 24V DC - 2.7A	External, 100-240V AC - 0.8A, 50-60Hz; Output 24V DC - 2.5A	Internal
MAX POWER	65W	40W	40W
TORQUE	1.5 Nm	1.0 Nm	1.0 Nm
TRAVEL SPEED	5.5" per second standard 7" per second maximum	5.5" per second standard 7" per second maximum	5.5" per second standard 7" per second maximum
NOISE LEVEL	< 40 dB(A)	< 40 dB(A)	< 40 dB(A)
MAXIMUM WEIGHT	160 lbs per motor 120 lbs per motor - curved track	100 lbs per motor 90 lbs per motor - curved track	100 lbs per motor 90 lbs per motor - curved track
DIMENSIONS	2.76" x 1.97" x 9.5"	2.76" x 1.97" x 7.5"	2.76" x 1.97" x 11"
CERTIFICATIONS/MARKINGS	CE/FCC/DOE	CE/FCC/DOE	CE/FCC/DOE
COLOR OPTIONS	White / Black	White	White
TOUCH CONTROL TECHNOLOGY	✓	✓	✓
INTEGRATED EMERGENCY CONTROL	✓	✓	✓
RF COMMUNICATION STANDARD	✓	✓	✓
Z-WAVE COMMUNICATION	-	-	✓
AUTOMATION SYSTEM COMPATIBLE	✓ using RS485 & dry contacts	✓ using RS485 & dry contacts	✓ using RS485 & dry contacts
WI-FI COMPATIBLE	✓	✓	✓
WORKS WITH DS-XL LED DIMMER	✓	✓	✓
WORKS WITH WIRELESS CONNECTOR	✓	✓	✓
CAN BE USED WITH CURVED TRACK	✓	✓	✓
PLUG & PLAY	✓	✓	✓
WARRANTY	10 Years	10 Years	10 Years

# SHUTTLE® MOTOR COMPARISON CHART



**SMART HOME**  
READY



**APP**  
CONTROL



**WIRELESS**  
REMOTE



**TOUCH**  
CONTROL

## SHUTTLE® iOn



### SPECIFICATIONS

VOLTAGE SHUTTLE	14.8V DC
RECEIVER	Internal
BATTERY	Lithium iOn battery + charger (3-4 months between charges)
MAX POWER	30W
TORQUE	1.0 Nm
TRAVEL SPEED	5.5" per second standard
NOISE LEVEL	< 40 dB(A)
MAXIMUM WEIGHT	55 lbs per motor 40 lbs per motor - curved track
DIMENSIONS	2" x 3" x 12.25"
CERTIFICATIONS/MARKINGS	CE/FCC/DOE
COLOR OPTIONS	White

### FEATURES

TOUCH CONTROL TECHNOLOGY	✓
INTEGRATED EMERGENCY CONTROL	✓
RF COMMUNICATION STANDARD	✓
Z-WAVE COMMUNICATION	-
AUTOMATION SYSTEM COMPATIBLE	✓ using RS485 & dry contacts
WI-FI COMPATIBLE	✓
WORKS WITH DS-XL LED DIMMER	✓
WORKS WITH WIRELESS CONNECTOR	✓
CAN BE USED WITH CURVED TRACK	✓
PLUG & PLAY	✓
WARRANTY	10 Years on motor 2 years on battery pack

Our wide variety of control options make finding a fit for your windows easy – controlling the drapes by hand, wall switch, remote or even by home automation system. Controlling the motorized system with your smart phone or tablet, you can create and schedule customized room scenes that allow your drapes to operate on their own throughout the day no matter where you are.

#### TOUCH CONTROL

Open or close your drapes with a gentle tug.



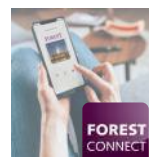
#### FOREST WALL SWITCH

2-channel wall switch, wireless. Can be used with all Forest Shuttle motors.



#### FOREST DIAMOND SENSE REMOTE

15-channel remote controls up to 15 motors individually and together, with a timer or manually. Range up to 98 feet. Wall mounted holder included.



#### FOREST WIRELESS CONNECTOR

With the Wireless Connector make your new or existing Shuttle motorized drapery system "smart". Add a smart plug and use with Apple Homekit, Google Assistant, or Amazon Alexa.



**FOR ADDITIONAL CONTROL OPTIONS, SEE THE ROADMAP ON THE FOLLOWING PAGES**



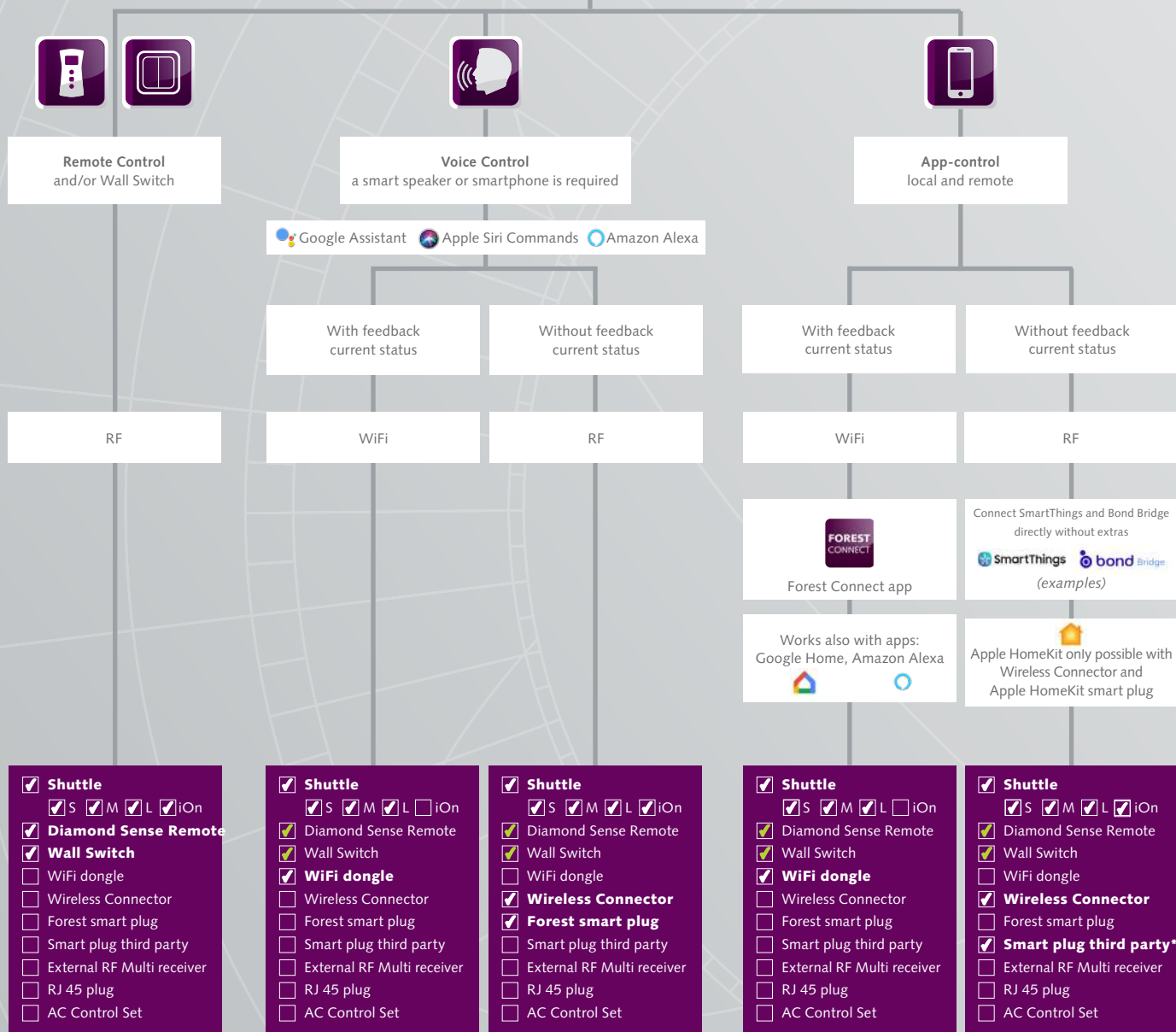
Scan for How To videos on the FOREST YOUTUBE CHANNEL.

# FOREST MOTOR CONTROLS ROADMAP



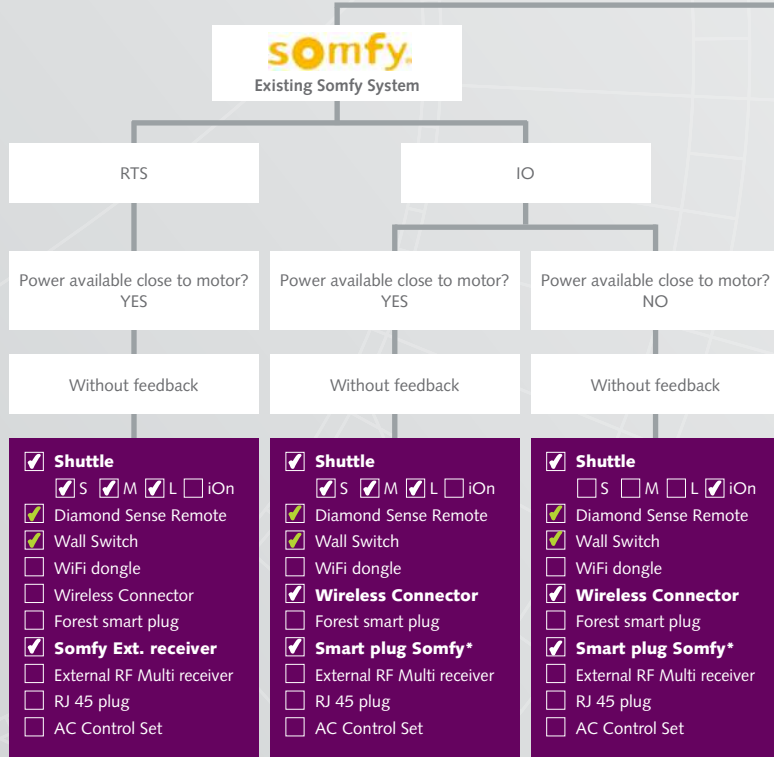
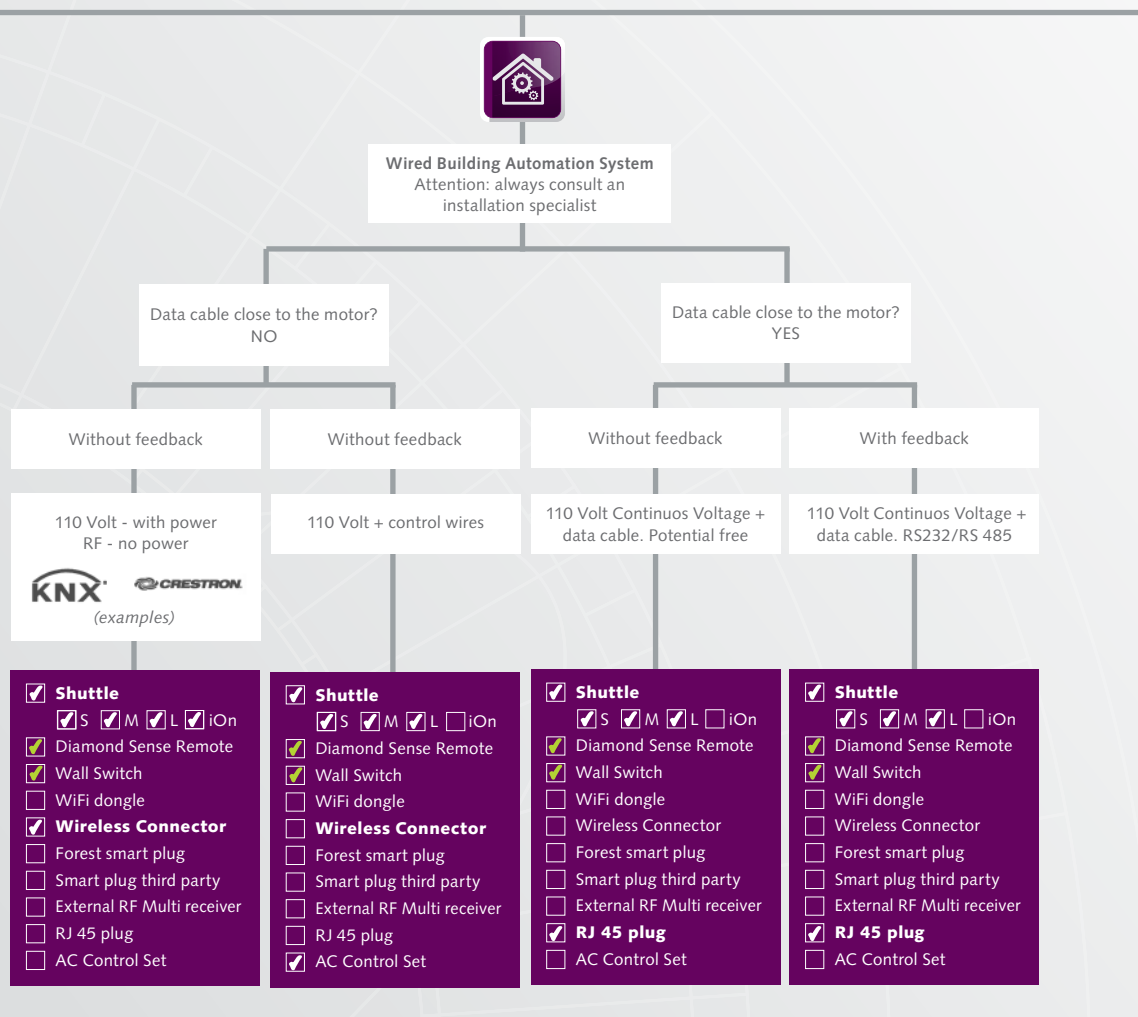
Scan for How To videos on the FOREST YOUTUBE CHANNEL.

## HOW DO YOU WANT TO CONTROL YOUR DRAPERY?



\* Third party smart plugs are not available from Forest.

# FOREST MOTOR CONTROLS ROADMAP



\* Somfy smart plugs are not available from Forest.

\* Somfy smart plugs are not available from Forest.



**DECIDE HOW TO CONTROL YOUR DRAPES IN JUST A FEW STEPS**

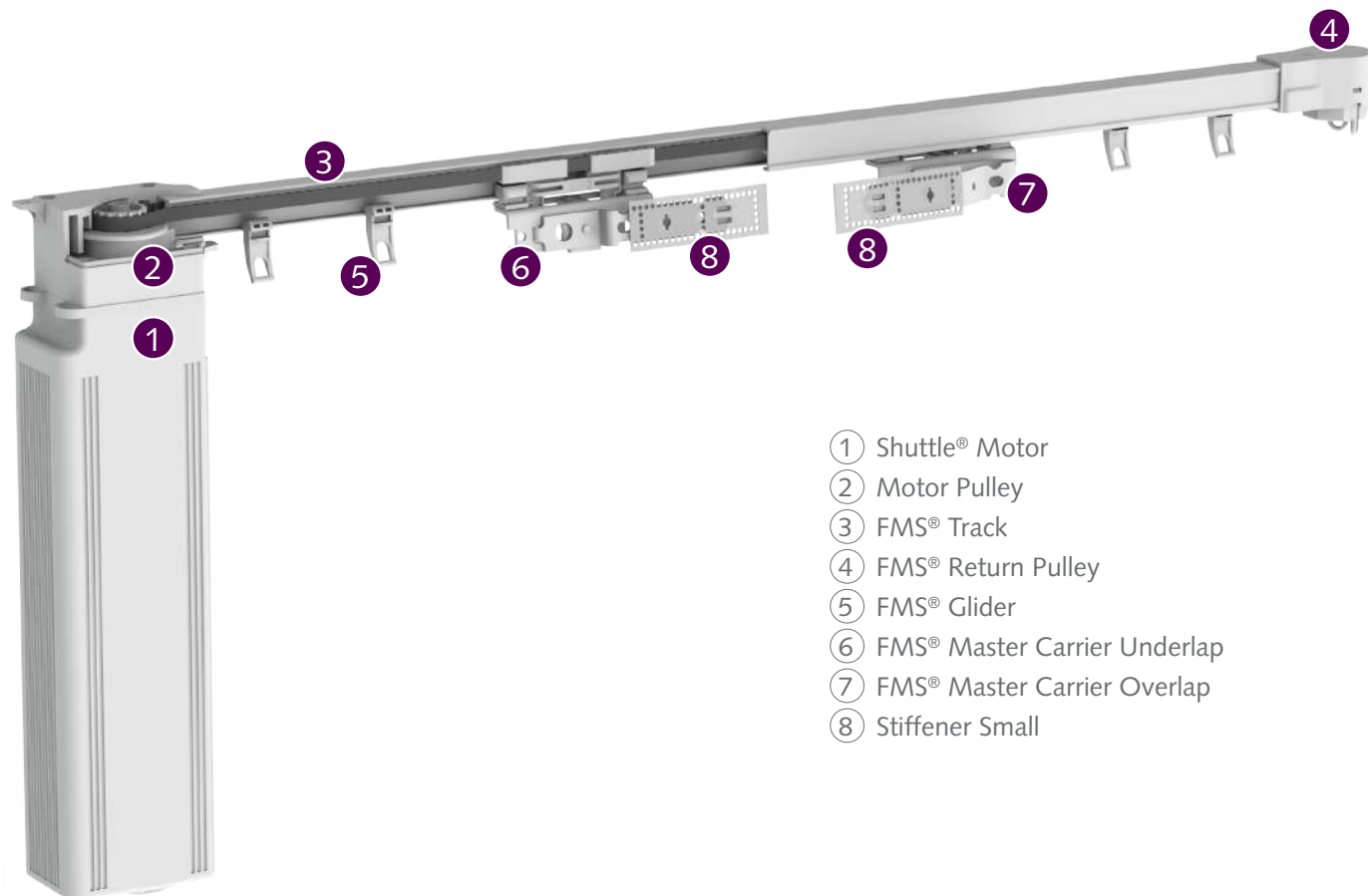
# FOREST MOTORIZED TRACK SYSTEM

## ASSEMBLY/INSTALLATION

See diagram below for basic components of the FMS system.



Scan for more information on assembly and installation.



- 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
- ⑧ Stiffener Small

## BENDING / CURVING

The FMS® track can be bent and reversed bent with a radius of 8". Continuous curving can be done with the Electric Powered Bender.

