



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



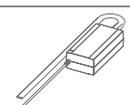
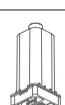
FMS® FOREST MOTORIZED SYSTEM

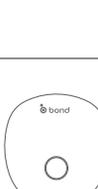
- The original Forest motorized track, aluminum extrusion, white, powder coated and lubricated with a patented process. Ultra-quiet and smooth operation for contract or residential applications.
- Track can be bent or curved. An actual size template is required.
- Maximum weight is 6 lbs/ft.
- Motorize 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

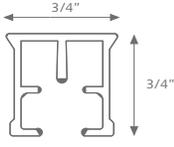
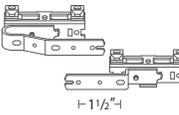
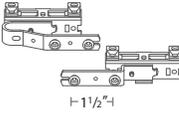
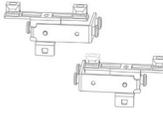
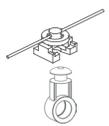
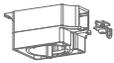
Includes track, masters, pinchpleat or ripplefold carriers, brackets, motor, power supply, and Diamond Sense remote or wall switch.

See all motor specifications on the following pages.

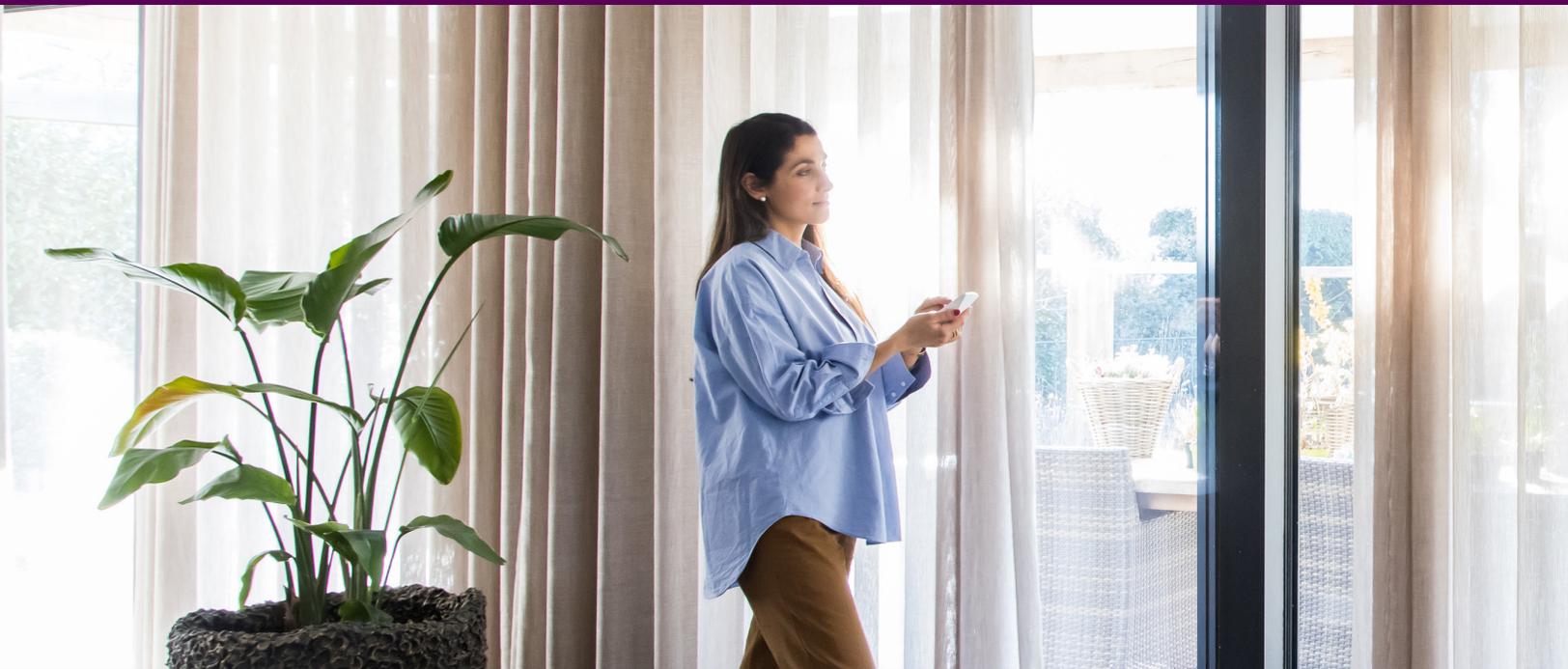
FMS	COMPONENT
• 	52925-25 Shuttle HD (M) 52925-59 Shuttle HD (M) black 52939-25 Shuttle Eco (S) See motor specs on pages 93-94
• 	52928-25 Power Cord, 7' 6" 52934-25 Power Cord, 16' includes 24 volt power supply
• 	52926-25 Shuttle iOn Includes battery pack. Order charging cable below separately, 52924-59. See motor specs on pages 93-94
• 	52924-59 Battery Charger Charges battery included with Shuttle iOn motor above, 52926-25.
• 	52949-25 Battery Pack Additional battery pack for Shuttle iOn motor
• 	52933-25 white 59 black Forest Wall Switch 2 channel

FMS	COMPONENT
• 	52931-25D white 59D black Diamond Sense Remote RF 15 channel w/ holder, range 98'
• <i>COMING SOON!</i> 	52960-25 white 59 black EasyTouch Remote RF 6 channel
• 	52948-25 59 black Wi-Fi Dongle For voice and app control over wi-fi. Provides feedback (bi-directional). Use with Shuttles HD and Eco.
• 	52955-25 Bond Bridge Pro For voice and app control over RF. Easily pair using the Forest remote. Controls all of your devices in one hub.
• 	52945-25 white Sidekick Gen 3 Remote Works with or without Bond Bridge Pro. 1-5 channels

FOREST MOTORIZED TRACK SYSTEM

FMS	COMPONENT	FMS	COMPONENT
•	 <p>51319-25 white 59 black FMS Track 19' x 10 tracks per bundle bundle = 190'</p>	•	 <p>52009-25 Ball Bearing Carrier for motorization</p>
•	 <p>3906-25 59 black Track Connector and Key 3904-00</p>	•	 <p>52508-25 Overlap Right 52509-25 Underlap Left 59 black Belt Master Carrier</p>
•	 <p>3003-25 59 black HD Klick Ceiling Bracket</p>	•	 <p>52508-25A Overlap Right 52509-25A Underlap Left 59A black Belt Master Carrier with snaps</p>
•	 <p>30031-25 59 black Ceiling Bracket Cover</p>	•	 <p>52410-25 Butt Right 52409-25 Butt Left 59 black Butt Master Carrier with snaps</p>
•	 <p>53202-25 59 black 3" Klick Single Wall Bracket with wide base adjusts 3" - 4 1/2"</p>	•	 <p>2552-25 6" Extension Arm for master Use w/ two one-way draw</p>
•	 <p>53206-25 59 black 6" Klick Double Wall Bracket with wide base adjusts 2 1/2" - 4" and 6" - 7 1/2"</p>	•	 <p>52903-25 59 black Forest Shuttle Motor Pulley Connects motor to track</p>
•	 <p>Two Piece Connected Snap Carrier w/ Square Base, in plastic sleeve. Use 1 1/4" snap tape 2114-25, 59 black 60% fullness, 2 5/8" OC 2111-25, 65 brown, 90 grey 80% fullness, 2 3/8" OC 2112-25, 59 black 100% fullness, 2 1/8" OC 2115-25, 59 black 120% fullness, 1 7/8" OC</p>	•	 <p>MTDR-EP-DR-AC Rollease Motor Pulley Connects motor to track</p>
•	 <p>52008-25 59 black Slim Line Klick Carrier Draperies hang to conceal track</p>	•	 <p>52910-25 59 black Return Pulley</p>
		•	 <p>9012-25 Transport Belt Kevlar reinforced</p>
		•	 <p>52512-25 white 59 black Transport Belt Connector</p>

SHUTTLE® MOTOR COMPARISON CHART



SHUTTLE® HD (M)

SHUTTLE® ECO (S)



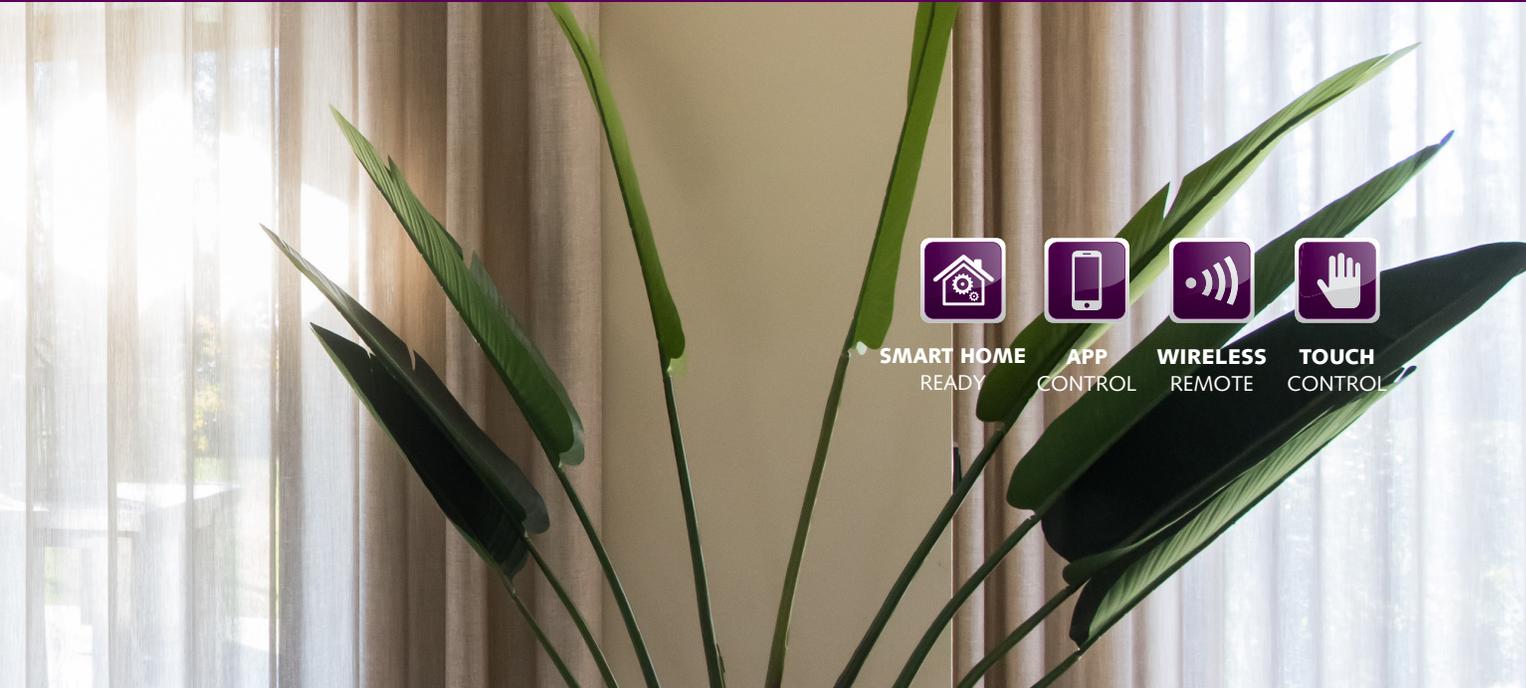
SPECIFICATIONS

VOLTAGE SHUTTLE	24V DC	24V DC
RECEIVER	Internal, optional	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
MAX POWER	65W	40W
TORQUE	1.5 Nm	1.0 Nm
TRAVEL SPEED	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)
MAXIMUM WEIGHT	160 lbs per motor 120 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"
CERTIFICATIONS/MARKINGS	CE/FCC/DOE	CE/FCC/DOE
COLOR OPTIONS	White / Black	White

FEATURES

TOUCH CONTROL TECHNOLOGY	✓	✓
INTEGRATED EMERGENCY CONTROL	✓	✓
RF COMMUNICATION STANDARD	✓	✓
Z-WAVE COMMUNICATION	-	-
AUTOMATION SYSTEM COMPATIBLE	✓ 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

SHUTTLE® MOTOR COMPARISON CHART



**SMART HOME
READY**



**APP
CONTROL**



**WIRELESS
REMOTE**



**TOUCH
CONTROL**

SHUTTLE® iOn



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.

SPECIFICATIONS

VOLTAGE SHUTTLE RECEIVER	14.8V DC 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



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.



BOND BRIDGE PRO

With the Bond Bridge Pro, easily pair your Forest remote and get app control for Forest motorized window coverings and other devices all in one place.



SIDEKICK GEN 3 REMOTE

5- or 1-channel remote control. Pairs directly with drapery motor. Use with Bond Bridge Pro or without. Estimated 10-year battery life.

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

FOREST MOTOR CONTROLS ROADMAP

HOW DO YOU WANT TO CONTROL YOUR DRAPERY?



Wall Switch, Diamond Remote,
Easy Touch Remote,
and Sidekick Gen 3

RF

- Shuttle
 - S M iOn
- Wall Switch
- Diamond Sense Remote
- Easy Touch Remote
- Sidekick Gen 3



Voice and App Control
local and remote

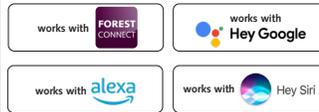
With feedback

WiFi

Connect using Forest WiFi Dongle



Integrations



Integrations
when cloud services are present



- Shuttle
 - S M iOn
- Wall Switch
- Diamond Sense Remote
- Easy Touch Remote
- WiFi Dongle

Without feedback

RF

Connect using Bond Bridge Pro



Integrations



- Shuttle
 - S M iOn
- Wall Switch
- Diamond Sense Remote
- Easy Touch Remote
- Bond Bridge Pro
- Sidekick Gen 3

FOREST MOTOR CONTROLS ROADMAP



Wired Building Automation System

we advise you work with an installation specialist

With feedback

Without feedback

RS485

Dry Contact

Integrations

Control4

CRESTRON

SAVANT

RTI

and others

Integrations

Control4

CRESTRON

SAVANT

LUTRON

and others

- Shuttle
 - S M iOn
- Wall Switch
- Diamond Sense Remote
- Easy Touch Remote
- RS485 Port

- Shuttle
 - S M iOn
- Wall Switch
- Diamond Sense Remote
- Easy Touch Remote
- RS485 Port



Check out How To videos on the FOREST YOUTUBE CHANNEL.

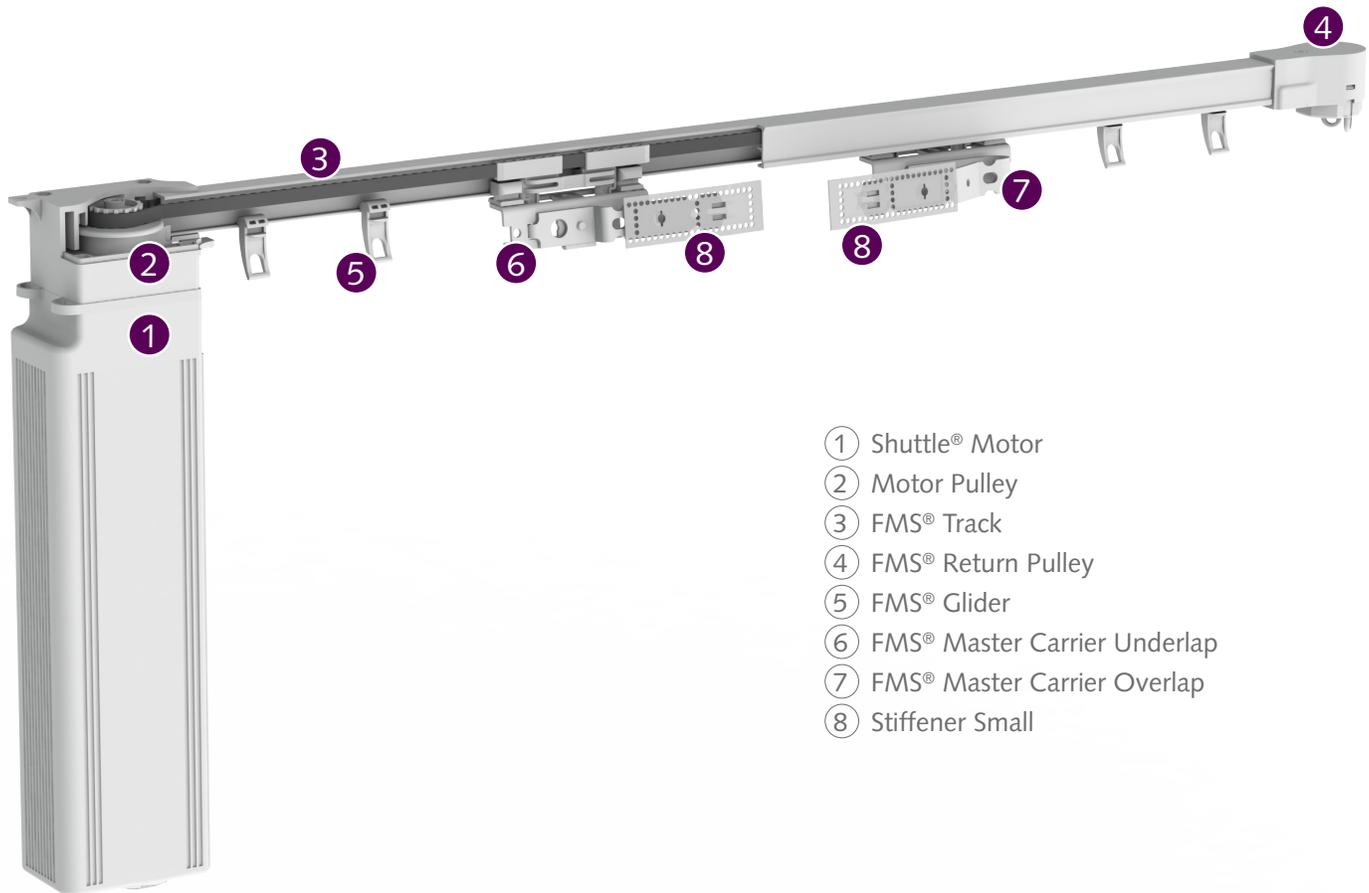
FOREST MOTORIZED TRACK SYSTEM

ASSEMBLY/INSTALLATION

See diagram below for basic components of the FMS system.



More information on assembly and installation here.



- 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.

