Sahara
MOTORIZATION
fashion forward

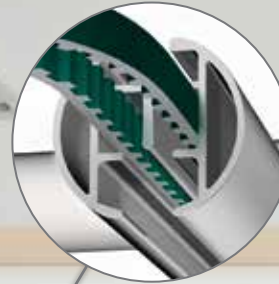# Sahara Motorization Collection

1 1/8" MOTORIZED H-RAIL SETS

WEAR-RESISTANT PULLEY HOUSING

For low wear operation the pulley housing has been equipped with high quality ball bearings.

REINFORCED BELT

The Kevlar reinforced belt runs quietly and has superior longevity.
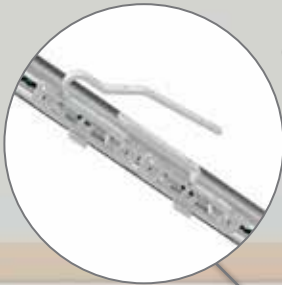
FOREST SHUTTLE MOTORS

- Touch Impulse Technology opens or closes drapes with a gentle pull.
- Integrated emergency control insures manual operation of the drapery in case of power failure.
  - Choose the Forest Eco Shuttle for light weight fabrics.
  - Choose the Forest Eco Shuttle HD for strength and an economical price.
  - Choose the Forest Z-Wave Shuttle to integrate with your automation system.
  - See comparison chart to help you choose the motor best suited to your job.
- All Forest Shuttle drapery motors come with a 10-year warranty.

REMOTE CONTROL

Easy opening and closing of draperies with the hand-held remote.

COMPLETELY CLOSED DRAPERIES USING OVERLAP MASTERS

The overlap master carrier guarantees a complete 3" overlap of the draperies. Extended arms available.
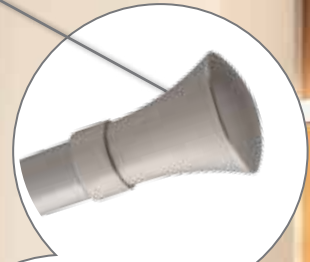
RETURN PULLEY

The return pulley is made of a special plastic and uses a bearing which creates smooth operation.

SELECT YOUR INDIVIDUAL FINIAL

Our decorative finials offer a variety of design options. See the Sahara 1 1/8" Collection Catalog.

HIGH-GRADE ALUMINUM:

We supply the special 1 1/8" rails with the finishes below.

Chrome - CH

Pewter - PW
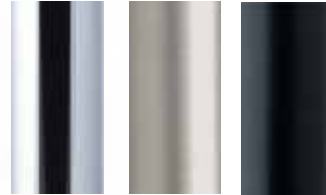
Black - BL

SAHARA MOTORIZED COLLECTION
1 1/8" MOTORIZED SETS

AVAILABLE FINISHES XX = finish color

CH Chrome	**PW** Pewter	**BL** Black

10 year WARRANTY

All Forest Shuttle motors include a 10-year warranty.

MOTOR OPTIONS

Forest® Shuttle HD

52925-XX
Available in 25 White or 59 Black
Forest Shuttle HD
w/ built-in receiver

Forest® Shuttle Eco

52939-25
Forest Shuttle Eco
w/ built-in receiver

Forest® Shuttle Z-Wave

52944-25
Forest Shuttle Z-Wave
w/ built-in receiver

FINIAL OPTIONS

ALL SAHARA 1 1/8" COLLECTION FINIALS CAN BE USED ON SAHARA MOTORIZATION RODS. REFER TO THE SAHARA COLLECTION CATALOG FOR FINAL OPTIONS.

ASSEMBLED RODS AVAILABLE THROUGH CDH STOCKING DISTRIBUTORS

ASSEMBLED ROD SETS INCLUDE RAIL, SINGLE WALL BRACKETS, MOTOR, POWER SUPPLY, AND DIAMOND WALL SWITCH OR REMOTE.

1 1/8″ SAHARA MOTORIZATION COMPONENTS

Sahara Motorizable Rod
WIM-144-PW 12' Pewter
WIM-235-CH 19' 7" Chrome
WIM-132-CH 11' 7" Chrome
WIM-096-CH 8' Chrome
WIM-235-BL 19' 7" Black
WIM-142-BL 11' 7" Black
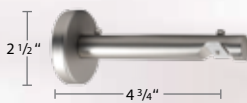**WIM-096-BL** 8' Black

B11682-XX
Recess Bracket
with Return Pulley

B11679-L-XX
Left Motor Pulley
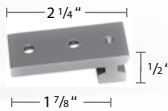**B11679-R-XX**
Right Motor Pulley

B11683-L-XX
Left Return Pulley
B11683-R-XX
Right Return Pulley

WI-118B5-XX
Single Bracket

WI-16C2-XX
Ceiling Bracket

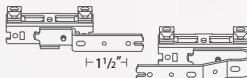**WI-16C1-XX**
Flush Ceiling Bracket
Cannot use finials

52008-XX
-25 white, -59 black
Slim Line Contract Klick
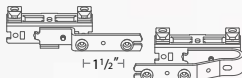Shape helps pleats hang straight
box of 250

Two-Piece Connected Snap
Carrier w/ Square Base
in plastic sleeve.
Use 4 1/4″ snap tape.
roll of 500

2114-25 60% fullness, 2 5/8″ OC
2111-25 80% fullness, 2 3/8″ OC
2112-25 100% fullness, 2 1/8″ OC
2115-25 120% fullness, 1 7/8″ OC

52009-25
Ball Bearing Carrier
for motorization
box of 100

52508-XX Overlap R
52509-XX Underlap L
-25 white, -59 black
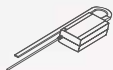Belt Master Carrier
box of 100

52508-XXA Overlap R
52509-XXA Underlap L
-25 white, -59 black
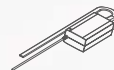Belt Master Carrier w/ snaps
box of 100

52409-25 Butt L
52410-25 Butt R
Standard Butt Master w/ snaps
box of 50

2552-25
6' Extension Arm for master
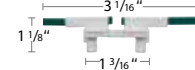Use w/ 2 one-way draws
box of 50

52940-25
Eco Shuttle Power Supply
24 v
7' power cord
for Eco Shuttle ONLY

Eco & Z-Wave Shuttle
Power Supply
24 v
52928-25 7' 6″ power cord
52934-25 16' power cord

9012-25
Transport Belt, Kevlar reinforced
328 feet/roll

52512-25
Transport Belt Connector, con-
nects belt to master
box of 100

52931-25D white
52931-59D black
Diamond Sensor Remote w/ holder
Range 98'
RF, 15 channel

52933-25 white
52933-59 black
Diamond Wall Switch
2 channel

52943-25 white
52943-59 black
RF Multi Wall Switch
16 channel, LED Screen
Not part of assembled set

FOREST SHUTTLE FAMILY OF MOTORS

Touch Impulse Technology opens or closes drapes with a gentle pull. Integrated emergency control insures manual operation of the drapery in case of power failure. The Shuttle modular motor allows for various control options including RF, wall switch, building/hotel automation, serial communication, Z-Wave, and others.

Forest *Shuttle HD*

Forest *Shuttle Eco*

10 year WARRANTY

All Forest Shuttle Motors include a 10-Year Warranty - the only one on the market.

COMPARISON CHART

	Forest	Forest
	Shuttle HD (M)	Shuttle Eco (S)
SPECS		
DIMENSIONS	Motor: 2.76" x 1.97" x 9.5" / Receiver Internal	Motor: 2.76" x 1.97" x 7.5" / Receiver Internal
MOUNTING	Wall or Ceiling; Can be spliced	Wall or Ceiling; Can be spliced
MAXIMUM WEIGHT	160 lbs per motor	100 lbs per motor
TRAVEL SPEED	5.5" per second standard / 7" per sec maximum	5.5" per second standard / 7" per sec maximum
RECEIVER	Internal	Internal
AMPERAGE	.6 amps / 70 watts / 110 volt plug-n-play	.35 amps / 40 watts / 110 volt plug-n-play
TORQUE	1.5 Nm	1.0 Nm
NOISE LEVEL	< 40 dB(A)	< 40 dB(A)
FEATURES		
TOUCH IMPULSE TECHNOLOGY	✓	✓
EMERGENCY CONTROL	✓	
RF COMMUNICATION STANDARD	✓	✓
Z-WAVE COMMUNICTION		
AUTOMATION COMPATIBLE w/ RS485 or dry contacts	Integration w/ dry contacts	w/ dry contacts ✓
10-YEAR WARRANTY	✓	✓

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Forest® *Shuttle Z-Wave*

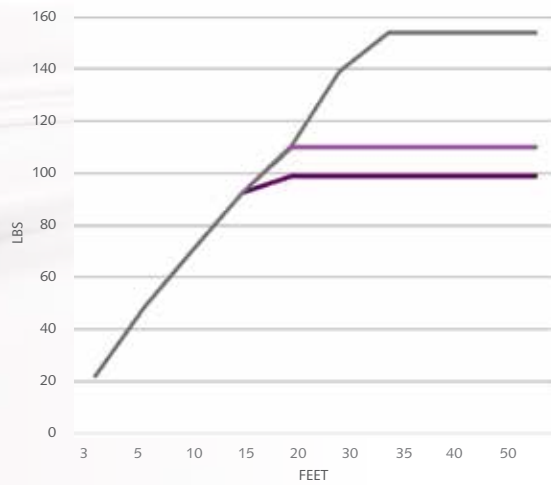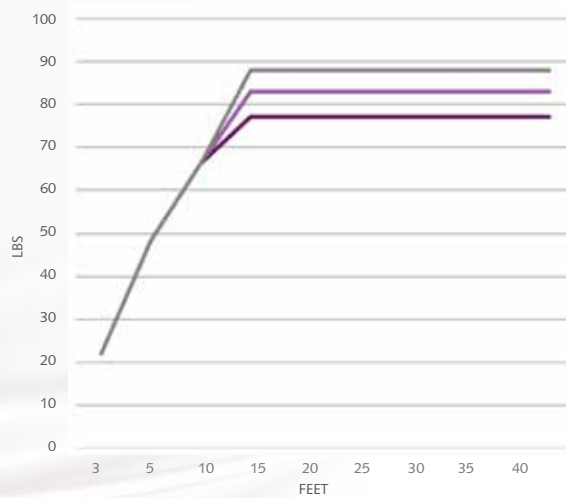| Forest |
| --- |
| Shuttle Z-Wave |
| Motor: 2.76" x 1.97" x 9.5" / Receiver Internal |
| Wall or Ceiling; Can be spliced |
| 160 lbs per motor |
| 5.5" per second standard / 7" per sec maximum |
| Internal |
| .6 amps / 70 watts / 110 volt plug-n-play |
| 1.5 Nm |
| < 40 dB(A) |
| ✓ |
| ✓ |
| ✓ |
| ✓ |
| ✓ |
| ✓ |

LOAD TABLES

— Straight   — One Bend/Curve   — Two Bends

SHUTTLE HD (M) AND SHUTTLE Z-WAVE

SHUTTLE ECO (S)

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