Roman & Roller Shades

SM Automatic Model 9300 Series (model 9310, 9320, 9330, 9340 & 9314) **Lift System** is designed to lift Roman Shades, Austrian Pouffs, Balloon Shades, Solar Screens, Roller Shades, Woven Woods, Projection Screens, and other lifting applications. Model 9300 series lift system can be used with SheerWeave and 3G Mermet Roller Shades.

The standard **Model 9310/9320/9330/9340** system consists of a tubular motor concealed inside a 2 inch aluminum tube. The motor revolves the tube, clockwise and counter clockwise, by pivoting on end brackets. Easy to set limit switches allow for automatic stopping at top and bottom positions. The maximum rotations of the motor is 41 revolutions (26 feet of lifting).

The **Model 9314** is essentially a compact version of the Model 9310. Rather than the 2" diameter tube used in the Model 9310, the Model 9314 uses a 1.5" (40 mm) aluminum tube. The Model 9314 may be ordered in place of the 9310, for any opaque or SheerWeave shade, up to a maximum size of 96" x 96". When using with Roman style shades, the minimum size for the shade dustboard is 1" x 3" (true). Maximum width is 96". Center supports are not available. A roller shade will be 1.5" less than the bracket to bracket dimension, with a .75" gap on the motor side and .5" gap on the idler side.

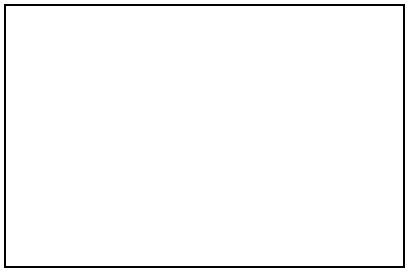
Exclusive take-up reels. This is what separates the SM Automatic Lift System from others similar products. The reels were designed to be used with all types of shades that traditionally use cords. In place of the cords we substitute a flat, 6mm (1/4"), tape. With the take-up reels and tape, you can achieve consistent level operation. **In fabricating shades**, place the first column of rings, or grommets, 2 inches in from the shade sides; with top rings 5 inches below dustboard; with normal spacing on remainder of rings or grommets. The minimum size dust board for a Roman, Austrian or balloon shade is 1" x 4" (a "true" 4" board, rather than one trimmed to 3.5" is recommended).

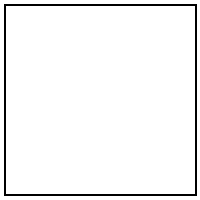
Concealment of system is recommended by recessing in a pocket, or using a top treatment. If your treatment is a roman shade, austrian pouff, balloon shade, or woven wood, concealment can be achieved by fabricating the shade on a 1" x 4" dust board, and mounting the lift system to the bottom of a dust board.

Basic system includes: motor, 2 inch diameter aluminum tubing, and brackets. Reels are not included in basic system. If you are ordering a system to be used with a treatment that requires reels, order the appropriate quantity of reels in relation to the manner in which the shade is manufactured. Heavier duty systems are available.

The minimum width for Model 9310/9320/9330/9340 is 22.75", while the minimum width for the 9314 system is 20.5". Maximum single piece tube size is 10 feet for 2" tubes and 16 feet for 2.75" (steel) tubes, and 96" for 1.5" tubes. A roller shade will be 2" less than bracket to bracket dimension, with bracket gaps of 1.25" on motor side and .75" on idler side (1.25" on motor side and 1.375" on idler side when using 2.75" tube). When using a center support on a roller shade system, a .75" gap is required between shades.

Specifications	9310/9320/9330/9340	9314
Tube Dimensions (H)x(W)x(D)	2" diameter (OD*)	
Max. System Width	144" (one piece)**	96"
Min. System Width	22.75"	20.5"
Max. Shade Height	228"	96"
RPM	38	
Voltage	120 VAC	
Amperage	0.9-1.7 A	
Cycle	60 Hz	
Wattage	140-260 W	
Horsepower	0.2 - 0.35hp	
* Roller shade motorized systems are also available with 1.5" and 2.75" diameter tubes. ** Maximum width is 360 " using connector supports on a 2" diameter tube.		





Models	Load Capacity	RPM	Lifting Speed	Minimum Width
Model 9310	30 lbs	38	5 in/sec	22.75"
Model 9320	50 lbs	38	5 in/sec	24"
Model 9330	80 lbs	38	5 in/sec	25"
Model 9340	120 lbs	38	5 in/sec	27"
Model 9314	30 lbs	30	3 in/sec	20.5"

Tube Diameter	Gap Motor End	Gap Idler End	Roller Shade Differential*	Maximum Width Single Piece
1.5"	0.75"	0.5"	1.25"	96"
2.0"	1.25"	0.75"	2.0"	120"
2.75"	1.25"	1.375"	2.625"	192"
*The overall difference in width, between the shade and the bracket to bracket dimension				