

## Vanda Motorised Curtain Track Range

### ***Choosing the right Motorised Tracking system for your project!***

Vanda fabricate and distribute three different brands of motorised curtain hardware;

**Forest FMS**

**Somfy Glydea**

**Davani Motorised Track**

Although each brand has similar features there are distinct differences between them and some brands offer more options and features than the others.

All three brands have options for the types of controls available, and options for the type of motor required to do the job. Motors fall into two categories and the common identifying descriptions are '**WT**' and '**RTS**' and these abbreviations stand for:

#### **WT - wired technology**

**WT**

*This type of motor is commonly supplied where the motor is controlled by a home automation system or is wired directly to a wall switch.*

#### **RTS - radio transmitted signal**

**RTS**

*This type of motor is commonly supplied where the motor is controlled primarily by a handheld remote control or a remote-control wall switch (which is powered by a battery – not mains power).*

It is possible to control the Forest RTS and Somfy RTS motor by both remote control and home automation via dry contact connection ports inside the motor. But to keep things simple if you stick to the above abbreviations and desired method of control you can't go wrong.

**Feel free to contact our office for further information about control options for your project.**

All RTS type motors can come supplied with the standard wall plug on the power cable to enable a plug-in and play installation. This is ideal for retrofitting. **Wall plugs would need to be specified when ordering the job.** WT type motors need to be wired in by a registered electrician. Somfy motors can be supplied with a Molex plug, **this would need to be specified when ordering the job.**  
**Note** - Data cables and RJ12 plugs are not supplied by Vanda.

Brand new builds or renovations will have a registered electrician contracted to carry out all the electrical requirements. They will want to know where all the power feed and terminations are to be located before the ceiling and wall linings are fitted, so prior planning is essential. Power and data cable locations are important because when the track and curtains are fitted you don't want to see the cables.

### **TRACK FIXING**

All brands of motorised curtain hardware have ceiling fix brackets and single or double face fixed brackets. It is more common to set motorised tracks as ceiling fix – surface mounted directly to the ceiling lining or behind a pelmet.

Forest FMS Plus Recess track sits inside the ceiling lining.

### **CURTAIN HEADING/STYLE**

Only Forest standard tracks have offset glides that enable a pleated curtain heading to sit at the top of the track so that you don't see the track when the curtains are closed.

Somfy and Davani tracks have the glide channel central to the bottom line of the track. This prohibits the curtain heading covering the track as it pushes the heading forward and increases the friction and load onto the motor.

Any type of pleated style curtain can fit onto a motorised track. Standard glide widths are 10mm for Forest and 13mm for Somfy and Davani. Recommended number of glides per metre is 12. Stacking amounts is usually calculated at 20-25% of the overall meterage. Smaller stacks are achievable but best to consult your curtain maker to be sure.

To hide the motor, we recommend adding 200 mm of extra curtain for wraparound of the motor **only** at the motor end. Forest standard and Somfy Glydea tracks can have the motor inverted to sit inside the ceiling.

Ensure good stiffening is sewn at the leading edge of the curtains as the hooks that are attached to the master carriers pull hard on the heading.

It is not advised to have curtains made to puddle on the floor as this requires the curtains to be dressed after the motor closes the drapes. The leading edge at the floor drags along and won't overlap at the bottom. This also increases the load on the motor.

Wave Heading style curtains are available with the Forest standard and recess motorised tracks. It is possible to order centre closing curtains with or without overlap and underlap arms. If ordering with arms, this creates a straight flap of fabric at the leading edge of the curtain before the folds of the wave. Stack back is generally more than pleated style headings. Check with our office for approximate stack back amounts for your track sizes.

### **TRACK BENDS & SPACING**

Forest standard tracks can be bent to any angle between 180 and 90° degrees on either a 150mm or 200mm radius former.

**Note** – tracks bent on 150mm radius must have curtain pleats set no wider apart than 60mm. Tracks bent on 200 mm radius can have pleats set at up to 100mm.

Forest FMS standard track can be rolled to a gentle radius. Templates are required for us to accurately form the shape.

Forest FMS Plus Recessed Track **CANNOT** be bent.

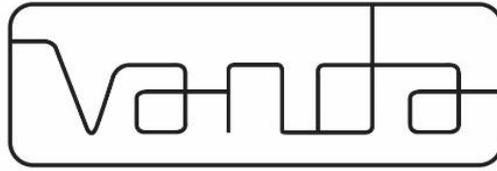
Spacing of tracks from the wall should be set to no less than 50mm to the tracks centre line. Spacing between two parallel mounted tracks depends on the type of curtain heading specified, for example - Wave Heading on both tracks requires a minimum of 100mm between tracks centre lines. Check with your curtain maker what the width of the heading is for the type of pleat and calculate what the distance needs to be.

For tracks that are fitted between wall-to-wall measurements we deduct 30mm from the given measurement to allow for the motor to rotate into the motor pulley housing and to allow the curtain fabric to fit between the motor and the wall, to enable the wrap of the motor.

### **PROGRAMMING**

Each system has programming information that comes supplied with the motors. It is best practice to read the information through before programming and follow the procedures. Feel free to contact our office for technical assistance if required.

More detailed information can be supplied from our office. Information can also be found online by video on Youtube.



## Table of reference and features

Features	Forest	Somfy	Davani
Option to bend track (not applicable to FMS Plus)	✓	✗	✗
Option to roll track to radius curve (not applicable to FMS Plus)	✓	✗	✗
Option to face fix or top fix tracks	✓	✓	✓
Option for double face fix brackets	✓	✓	✓
Option for wave heading style curtains	✓	✗	✗
Off set glides to enable pleated drape to cover track	✓	✗	✗
Automatic limit setting	✓	✓	✓
Slow starting and slow stopping feature	✓	✓	✓
Touch control. Activate motor by gently pulling the drape	✓	✓	✓
Option for control via remote control	✓	✓	✓
Option for control via wall switch	✓	✓	✓
Option for control via home automation	✓	✓	✓
Standard track colour white	✓	✓	✓
Option for custom colour	✓	✗	✗
Option to invert motor into ceiling space	✓	✓	✗
Option to control via smart phone app	✓	✓	✗
Option for two choices of bending radius sizes	✓	✗	✗
Option for recessing track into the ceiling	✓	✗	✗