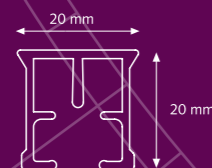


## PRODUCT INFORMATION

- Touch Control Technology, gently pulling the curtain to open or close the curtain (standard feature).
- Integrated Emergency Control ensures operation of the curtain manually in case of power failure.
- Modular motor, different modules can be inserted for different control options: Radio Frequency, Switch, Infrared, Domotics, Building/Hotel Automation, Serial Communication, etc.
- Noiseless motor, speed: 15 cm/sec.
- Full automatic setting of the limits.
- Programming intermediate positions possible.
- Touch Control sensitivity adjustable to 3 positions.
- Different stack-back positions programmable.
- Touch Control function can be switched on and off.
- 24 Volt DC Power Input, by using the 230 Volt AC adaptor (white).
- Motor pulley connects motor and FMS track.
- All KS brackets applicable.
- Torque: 1.5 Nm
- Dimensions TCS Motor: 60 x 50 x 237 mm  
 (2.34 x 1.97 x 9.33 inch)
- TCS Adaptor: 50 x 110 x 30 mm  
 (1.97 x 4.33 x 1.18 inch)

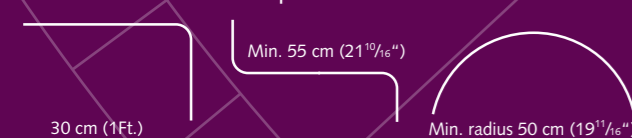
## SPECIFICATIONS TRACK

- Weight: 303 gr / mtr (3.25 ounce / ft.)
- Size: 20x20mm (0.79 x 0.79 inch)
- Aluminium Extrusion 6063 T5
- Scale 1:1



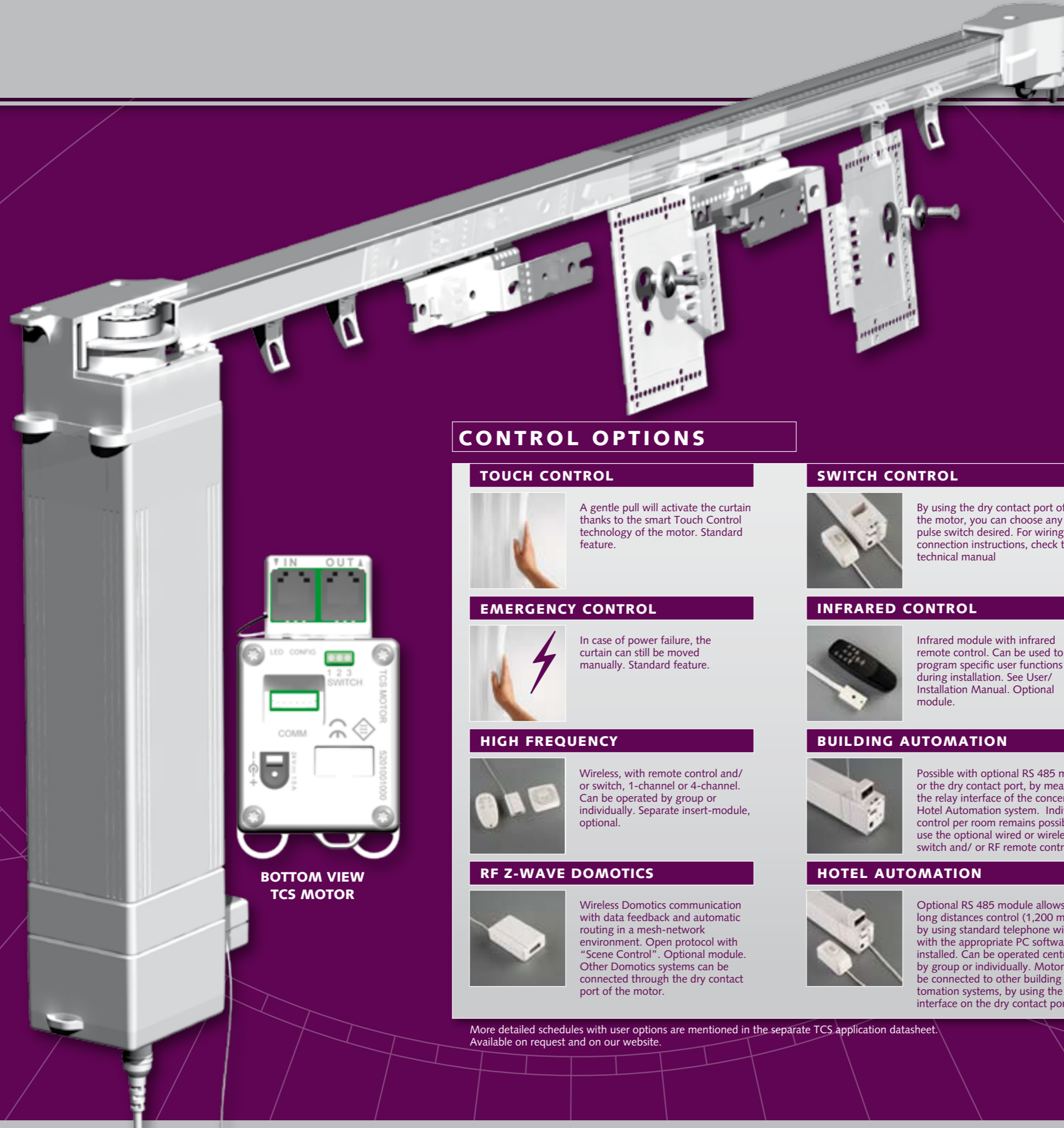
## BENDING / CURVING

The motor can be used in a track with one or two bends of 90 degrees. The track can be bend and reversed bend with a radius of 20 cm (8"). Continuous curving can be done with the electric powered bender.



## TANDEM APPLICATION

More information is available on request.



## CONTROL OPTIONS

### TOUCH CONTROL



A gentle pull will activate the curtain thanks to the smart Touch Control technology of the motor. Standard feature.

### EMERGENCY CONTROL



In case of power failure, the curtain can still be moved manually. Standard feature.

### HIGH FREQUENCY



Wireless, with remote control and/or switch, 1-channel or 4-channel. Can be operated by group or individually. Separate insert-module, optional.

### RF Z-WAVE DOMOTICS



Wireless Domotics communication with data feedback and automatic routing in a mesh-network environment. Open protocol with "Scene Control". Optional module. Other Domotics systems can be connected through the dry contact port of the motor.

### SWITCH CONTROL



By using the dry contact port of the motor, you can choose any pulse switch desired. For wiring and connection instructions, check the technical manual

### INFRARED CONTROL



Infrared module with infrared remote control. Can be used to program specific user functions during installation. See User/Installation Manual. Optional module.

### BUILDING AUTOMATION



Possible with optional RS 485 module or the dry contact port, by means of the relay interface of the concerned Hotel Automation system. Individual control per room remains possible; use the optional wired or wireless switch and/ or RF remote control.

### HOTEL AUTOMATION



Optional RS 485 module allows long distances control (1,200 mtr) by using standard telephone wiring, with the appropriate PC software installed. Can be operated centrally, by group or individually. Motor can be connected to other building automation systems, by using the relay interface on the dry contact port.



**BOTTOM VIEW  
 TCS MOTOR**

More detailed schedules with user options are mentioned in the separate TCS application datasheet. Available on request and on our website.

## FOREST PARTNERSHIPS



[www.amx.com](http://www.amx.com)  
 In Concert Partner.



[www.knx.nl](http://www.knx.nl)  
 KNX partner



[www.zwave.com](http://www.zwave.com)  
 Z Wave alliance partner



[www.crestron.com](http://www.crestron.com)  
 I2P partner



[www.smart-homes.nl](http://www.smart-homes.nl)  
 Smart homes partner

Touch Control System is compatible with many other Building and Domotica systems, thanks to its modular construction. A competitive advantage among the motorized drapery systems in the world!

Available in white

### FMS TRACK

Aluminium extrusion, powder coated, lubricated. Available lengths:  
5,80 m (19') 5101001580  
7 m (23') 5101001700

### FMS CARRIER

"Klickable", offset, constructed of UV resistant plastic. 10 Carriers on a break-away strip. Can be clicked in after installation. 250/box  
2510101000

### FMS TRANSPORT BELT

Toothed belt, to be installed inside the FMS Track. 100 mtr/roll  
5105501000

### FMS/TCS MASTER CARRIER

**UNDERLAP R/L**  
Multifunctional – arm is reversible - will slide trough curves, will fit stiffeners. 15/box  
5215801000

### FMS/TCS MASTER CARRIER

**OVERLAP R/L**  
Multifunctional – arm is reversible - will slide trough curves, will fit stiffeners. 15/box  
5215901000

### TCS STIFFNER WITH GROMMET

Recommended to attach to the TCS Master Carriers, stiffner to be stitched into the curtain. 15/box  
5216001000

### FMS MOTOR PULLEY

Connects motor with FMS Track. 1/box  
5103011000

### FMS RETURN PULLEY

Reverses the transport belt in the FMS Track. 1/box  
5103011100

### FMS CONNECTOR

To fix the Master Carrier onto the transport belt. 50/box  
5103011500

### DISTRIBUTOR:

### SMART KLICK CEILING BRACKET

"Klicks" onto track, powder coated. 100/box  
1018201000

### ADJUSTABLE WALL BRACKET SINGLE

Smart Klick, adjustable single from 7,5 cm (3") to 11,5 cm (4,5"). 100/box  
1020801115

### ADJUSTABLE WALL BRACKET DOUBLE

Smart Klick, adjustable double from 6,5 cm (2,5") to 10 cm (4") + 15 cm (6") to 19,5 cm (7,5"). 50/box  
1020801195

### ALUMINIUM WALL BRACKET

Smart Klick, powder coated. 1020301.....

7,5 cm single (3") 20/box  
10 cm single (4") 20/box  
15 cm double (6") 15/box  
20 cm double (8") 15/box  
25 cm triple (10") 10/box

### FMS BENDING STRIP

For FMS Track: 1/set  
90 cm (3') 5160100000  
7 mtr (23') 5160600000

### TCS MOTOR 24 VOLT DC

Basic motor with standard Touch and Emergency Control. 1/box  
5201001000  
*Dimensions: 6 x 5 x 23 cm*

### TCS ADAPTOR

Universal adaptor, artikelnummer: 1/box  
5201001100  
Plugs available in versions: EUR 5201001101  
USA 5201001121  
UK 5201001131  
AUS 5201001141  
*Dimension: 11 x 5 x 3 cm*

### TCS REMOTE CONTROL

High Frequency, available as: 1/box  
1-channel 5201001410  
4-channel 5201001400

### TCS WALL SWITCH

High Frequency, available as: 1/box  
1-channel 5201001510  
4-channel 5201001500  
*Dimension: 8 x 7 x 1,5 cm*

### FOREST LUBRICANT

To lubricate components during assembly. 1/box  
5109010000

### TCS ONE WAY HIGH FREQUENCY MODULE

Look inside this brochure for further information or check the technical manual. 1/box  
5201001300

### TCS TWO WAY Z-WAVE MODULE

**(HIGH FREQUENCY)** 1/box  
5201001700  
Look inside this brochure for further information or check the technical manual.

### TCS RS 485 MODULE

Look inside this brochure for further information or check the technical manual. 1/box  
5201001600

### TCS RS 485 SOFTWARE

Look inside this brochure for further information or check the technical manual. 1/box  
5201001620

### TCS RS 485 DATA CABLE

Look inside this brochure for further information or check the technical manual. 1/box  
Available on request.

### TCS INFRARED MODULE

Look inside this brochure for further information or check the technical manual. 1/box  
5201001200

### TCS INFRARED REMOTE CONTROL

Look inside this brochure for further information or check the technical manual. 1/box  
5201001210

### TCS PULSE SWITCH

Look inside this brochure for further information or check the technical manual. 1/box  
5201001520

### TCS SWITCH INTERFACE

Look inside this brochure for further information or check the technical manual. 1/box  
5201001530



JUST A GENTLE TOUCH...



HOTEL AUTOMATION

HOME AUTOMATION

# FOREST

DRAPERY HARDWARE

TCS-GB-12-2007