MOTORISED ASSEMBLY MANUAL

DECO 1020 | FLAT & ROUND

AVAILABLE FINISHES

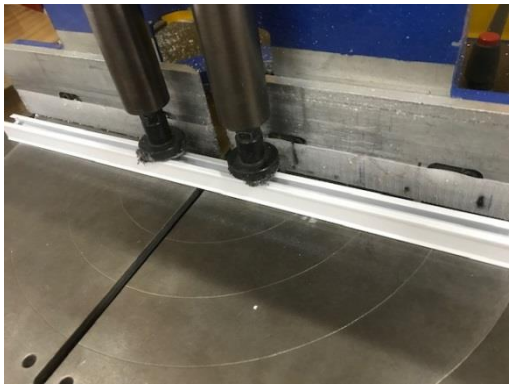


SYSTEM 15/22+23 MOTORIZED

Assembly manual

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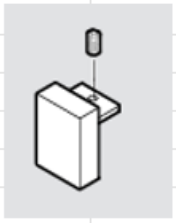
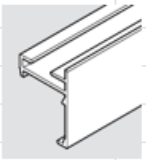
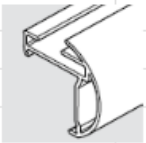
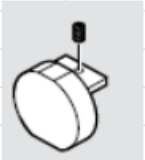
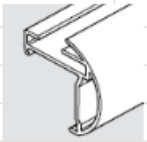
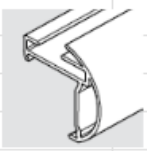
Profile cutting

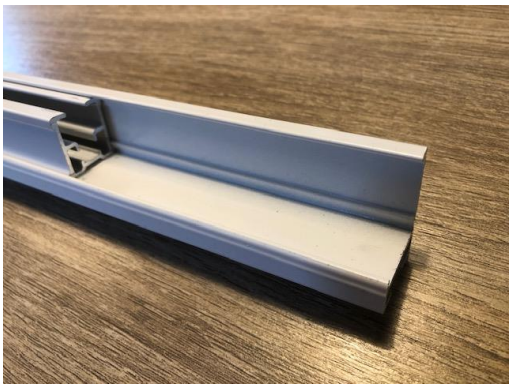


Use a professional cutting machine with a cutting blade for aluminium profiles only.

Set size for base and cover rail as shown in this table.

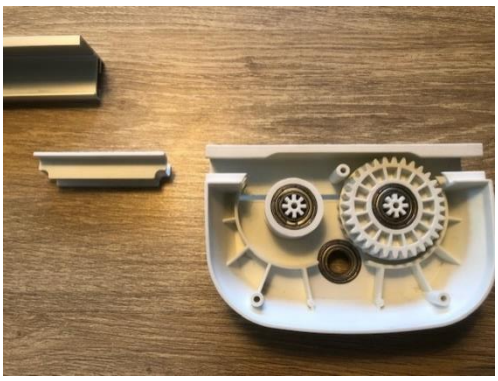
Sizes are depending on different end caps.

	Motor+Return pulley	Double motor pulley	Cover profile
	 -166	 -248	 -20
	 -224	 -306	 -78
	 -166	 -248	 -20
	 -168	 -250	 -18



Slide both rails together as one system.

Preparing system assembly

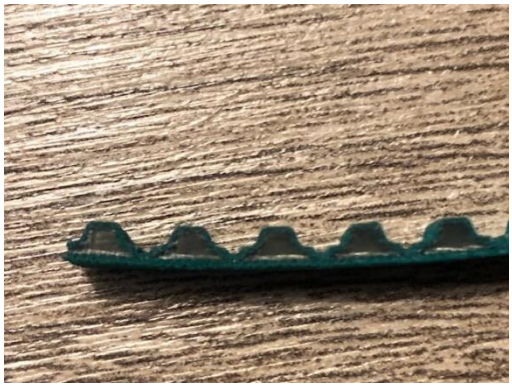


Put the belt guide in the motor pulley.

(picture is right sided motor)



Slide the motor pulley over the cover profile up to the base profile



Cut the belt as shown in the picture.

Collect parts for belt assembly. *2 sets for curtain pairs (centre opening)*

Standard



Ripple (wave)



Belt assembly



Put a connector on the end of the belt.

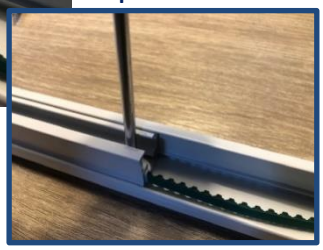
Very important to place all 4 teeth of the connector in the teeth of the belt.

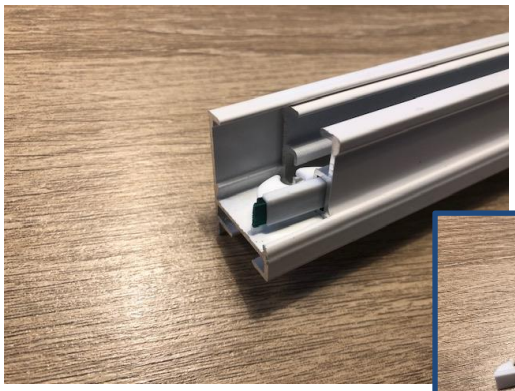




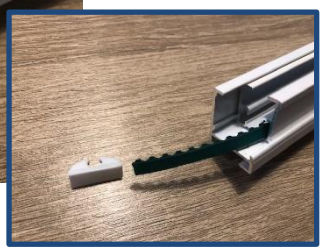
Put the connector into the rail.

Slide the connector to the other end of the rail by using a pin or screw driver.





Pull the belt out of the other end of the rail and take of the connector



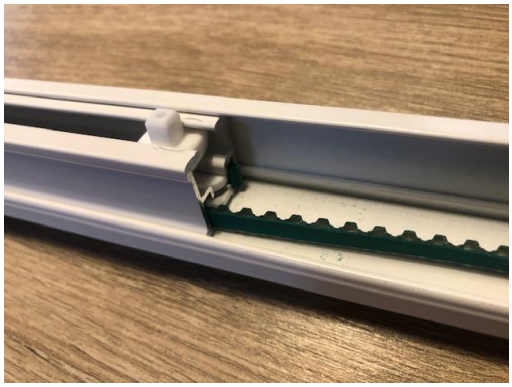


Push the belt throught the return pulley and put the connector back on the belt.

Put the return pulley into the rail.



Belt length adjustment



Position the connector to the end of the base rail.



Cut the other end of the belt 11 cm. from the cover profile



The connector has to be fixated permanently by using special glue.

For Extra instruction see page 14.

Very important to place all 4 teeth of the connector in the teeth of the belt.

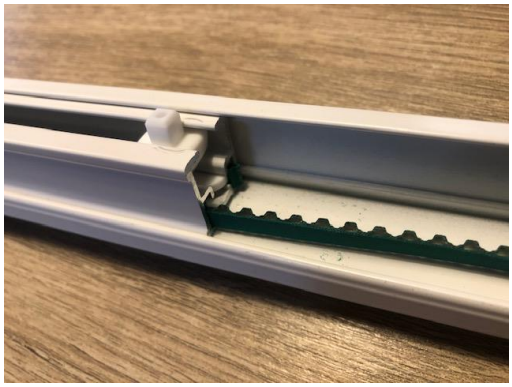




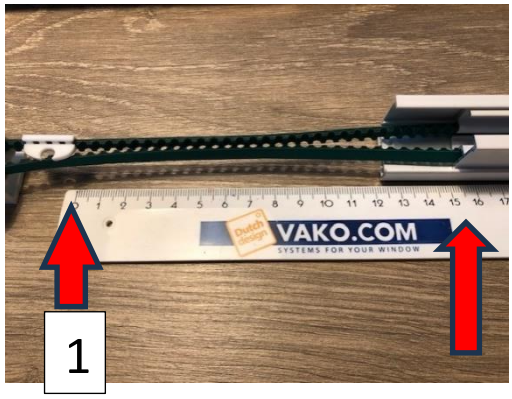
Put this connector together with a connector pin into the rail.

Folowing instruction is only for curtain pairs (center opening)

For single system continue on page 9 Rail assembly



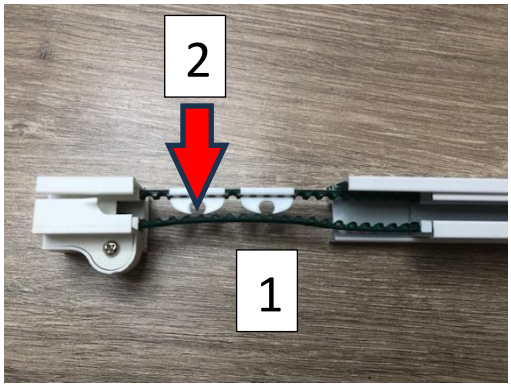
Keep the connector positioned to the end of the base rail.



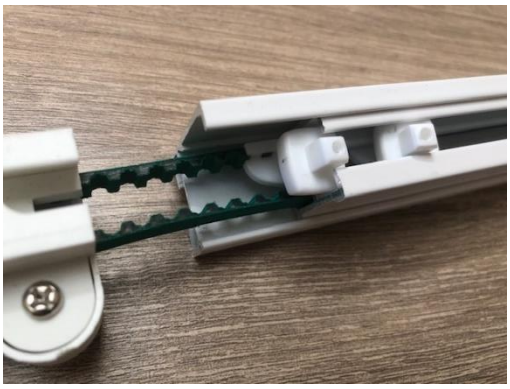
Pull the pulley on the reverse end out, to create space for the second connector.

Measure 15 cm. from the base rail and mark this position.

Put the first connector on the left side of this mark.



Put an extra connector on the belt as shown in the picture.



Slide the connectors together with 2 pins into the rail.



Connect the pins with the transparent plastic part.

Slide the gliders (runners) into the rail and install an additional metal stopper between first and second glider (runner).





Put the return pulley back on the rail.

Rail assembly



Guide the other end through the motor pulley as shown in the picture and put a connector to the belt.







The connector has to be fixated permanently by using special glue.

For Extra instruction see page 14.

Very important to place all 4 teeth of the connector in the teeth of the belt.



Put the connector and pin into the base rail.



Slide the gliders (runners) into the rail and install an additional metal stopper between first and second glider.



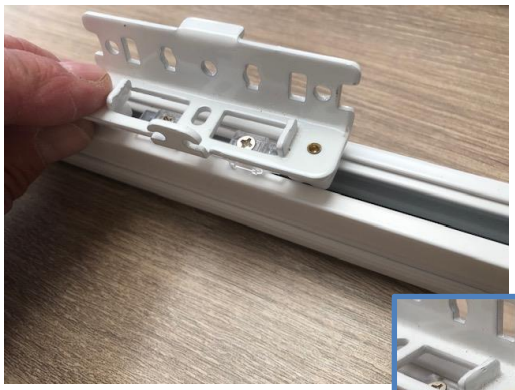
Slide the pulley to the base rail.

Installation standard carrier



Position transparent connector(s) over pins and secure with two screws.







Position the master carrier(s) over the transparent connector.

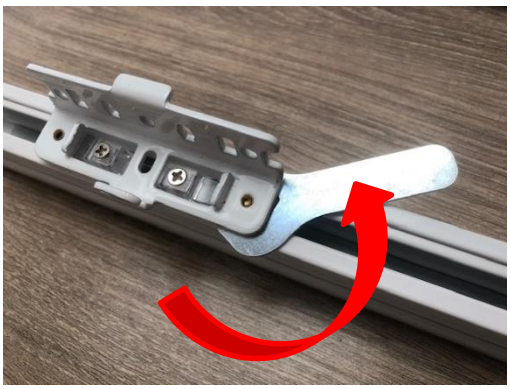
Position the glider blocks in the rail



Push the master carrier(s) firmly into the rail.



Position the wrench from the back between carrier and rail.



Lift the carrier while turning, to avoid damage to the cover rail.

Turn the wrench 90 ° and the glider block will “click” in the right position.

Repeat this for all glider blocks.

Installation ripple (wave) carrier(s)

Prepare transparent connector(s) for 6 or 8 cm. ripple carrier(s)







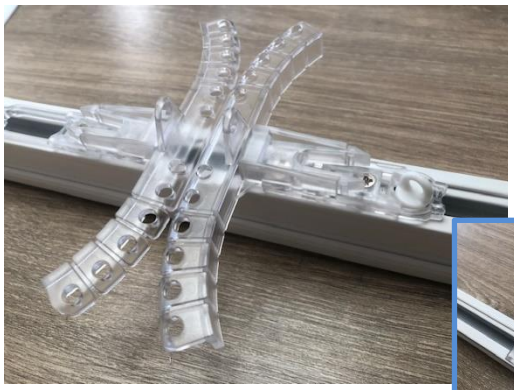
Position these carriers over pins and first ripple glider

Secure with two screws.





Install curtain carrier(s) to the transparent connector.

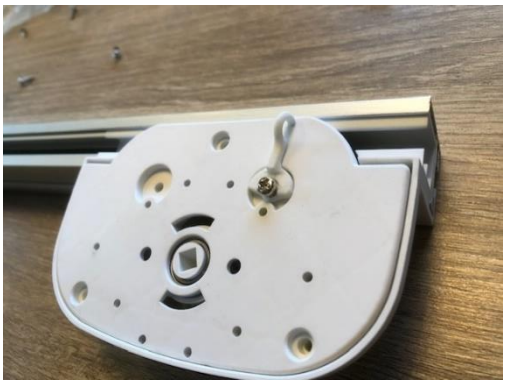


For curtain pairs the two connector will close the curtain pair in the middle.

Disconnect before transport



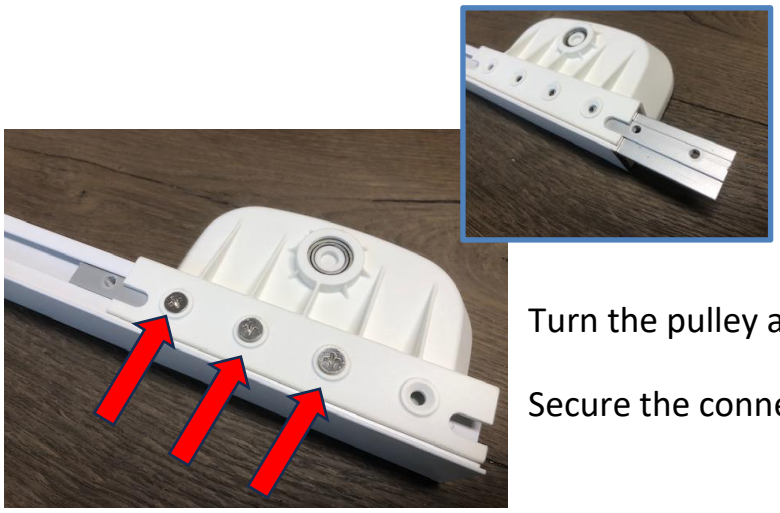
Final assembly



Install the required curtain eyelets and cover on the pulley.



Install the metal motor plate when necessary



Turn the pulley and slide a connector in the rail.

Secure the connector with 3 screws.



Install end caps on every end.



For smooth operation we recommend PTFE multi spray.

Spray a thin layer in the whole length of the rail.

Permanent fixation of connector to belt

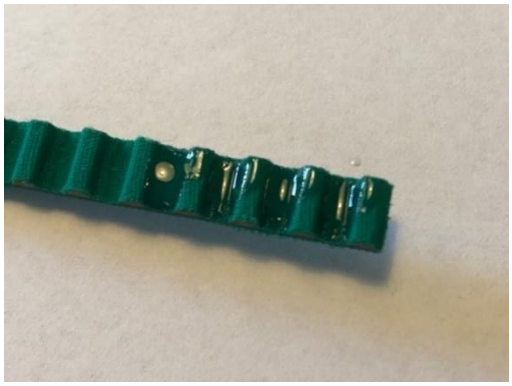
Ensure hands and parts are free of grease during this process.



-Permanent fixation is achieved by using special glue, Loctite 401.

-Permanent fixation is needed for 1,2 Nm and stronger motors.

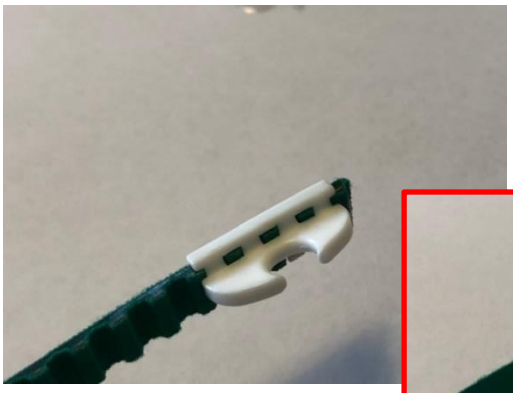
-For 0,8 and 1,0 Nm motors, permanent fixation is recommended.

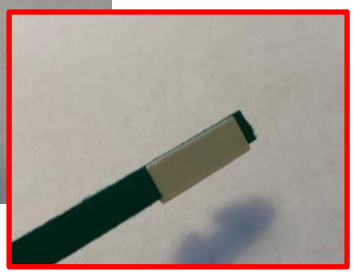


Dispense 4 drops of glue between the teeth of the belt.

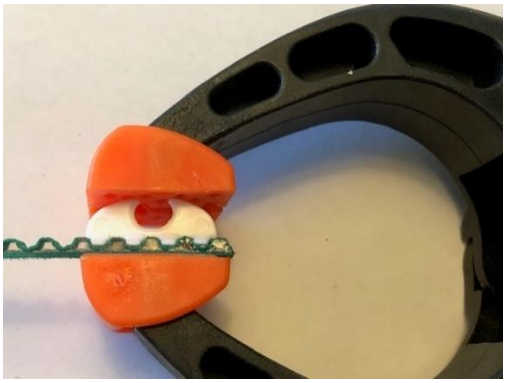


Dispense also a line of glue on the flat side of the belt



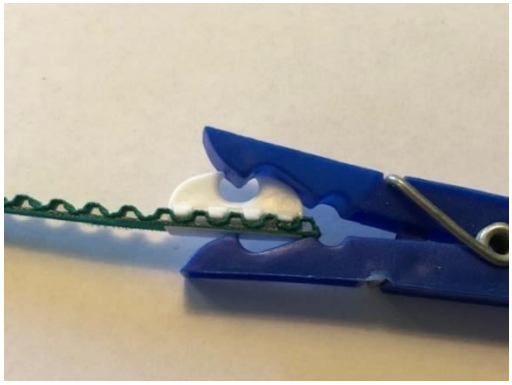


Put the connector in the right position on the belt



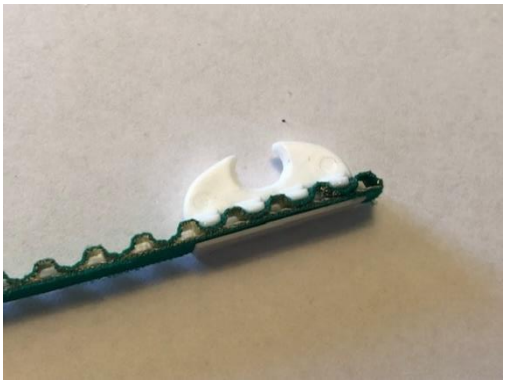
Place a spring clamp on the connector and wait for 2 minutes.





When using a clothespin, wait for 3 minutes.





Connector is permanent fixed to the belt and ready for installation.