

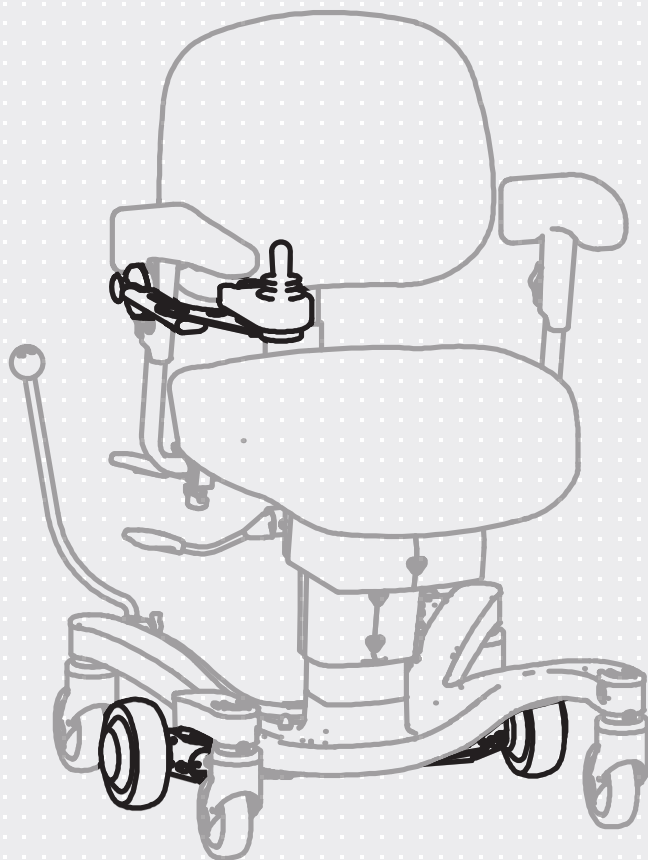


Power Wheels

FOR:

700E & 600ES

Manual no. 105760



ISO 9001
ISO 14001

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1.0. INTRODUCTION

DEAR CUSTOMER

Congratulations on your new drive assisting accessory from VELA.

This product is not a medical device in itself but an accessory for the VELA Tango 700E and VELA Tango 600ES chairs. Please refer to the user manual of VELA Tango 700E or VELA Tango 600ES for intended use and other information.

This document serves as a supplement to the user manual that comes with the VELA Tango 700E and VELA Tango 600ES chairs.

Important

Please read this user manual carefully and keep it safe for when you need to refer to it. This manual is also available on VELA's website: www.vela.eu, where you can also find other relevant information.

If you have questions, experience errors or adverse events, please contact your VELA supplier.

We reserve the right to make changes.

VELA

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www.vela.eu

1.1. WARNINGS



This extension to a VELA chair enhances the user's mobility and prolongs the time the user can perform indoor everyday living activities during the day.

Power Wheels are not a substitute for an electric wheelchair. Users of a VELA chair with Power Wheels must preferably master independent transfer and, to some extent, be able to switch between walking the chair while sitting down and using the Power Wheels function.

When mounted the chair is more directionally stable, thus not able to move directly sideways.

Use	Do not use the drive system while the brake is engaged.
Use	Do not use the drive system while the drive wheels are not in contact with the floor.
Use	Do not use the drive system while not seated in the chair.
Use	Do not drive while the chair is mounted to the charger.
Use	To be mounted only be qualified personnel.
Use	Be aware of your surroundings.
Use	Do not drive outside or on inclined surfaces.
Use	Excessive use may drain the battery faster than usual. Remember to charge frequently.
Use	This accessory does not combine with twin castors or four-wheel-brake systems.
Use	Do not step on the motor controller, located at the bottom of the chair frame between the rear wheels.
Use	The brake is NOT linked to the drive system. Use the brake as described in section 1.3.8.

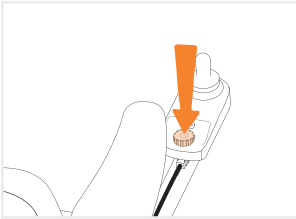
1.2. TROUBLESHOOTING

Mounting instruction 106234 can be found on VELA's web-page: www.vela.eu

Error	Cause	Solution
Error code C1 in display	The height adjustment is set too high. The mechanism for height limitation is faulty	Lower the seat height Go through mounting instruction, Step 3, no. 14 again.
Error code C8 in display	Low battery	Charge the chair
Error code C2 in display	The joystick was not neutral when the drive system was turned on	Release the joystick and restart the drive system
Insufficient torque	Thick or loose carpets, soft floorings Inclined surface Low battery High rolling resistance Speed controller turned down	Avoid these types of floorings Do not drive on inclined surfaces Charge the chair Assist with your feet Turn up the speed. See 1.3.3.
High resistance when paddling with your feet	Drive system turned on	Turn off drive system

If the above does not solve your problem, you should contact your VELA supplier.

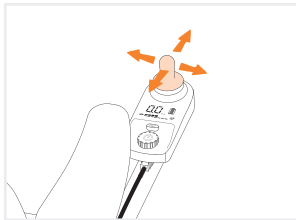
1.3. INSTRUCTIONS FOR USE



1.3.1. TURN THE DRIVE SYSTEM ON/OFF

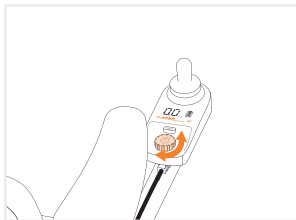
Turn on the drive system by pushing the on/off-button on the controller. Turn off by pushing it again.

The drive system turns off automatically after 5 minutes of inactivity.



1.3.2. STEERING

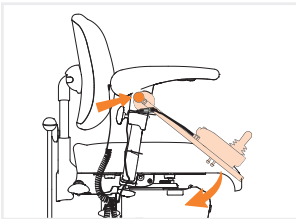
Use the joystick on the controller to intuitively control the direction and speed. Note there is a gentle ramp-up and ramp-down to ensure a smooth drive. You may drive only by using the drive system or combine with using your feet for assistance.



1.3.3. SPEED CONTROL

Turn the on/off-button to either side to adjust the maximum speed. The scale goes between full and half speed.

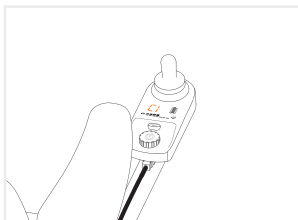
Note the torque is linked to the speed, thus the higher speed, the better you may force carpets etc.



1.3.4. FOLD-AWAY JOYSTICK

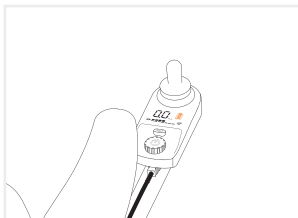
To be able to get closer to you table or simply to be out of the way when not in use, you may fold down the controller. Push the orange button and gravity flips the joystick down. To get it back in place simply lift the joystick up again.

Note you cannot push the button while weight is applied to the joystick.



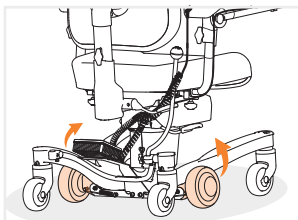
1.3.5. HEIGHT LIMITATION

For safety reasons the chair is not able to drive when the height adjustment is set too high. The controller automatically cuts the power to the wheels if the drive setting is too high. This can be seen on the controller as it reads "C1" on the display. It automatically reengages when the height is reduced to an acceptable level again.



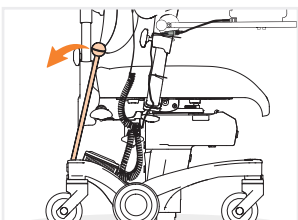
1.3.6. BATTERY INDICATOR

On the controller there is a battery indicator which is active when the drive system is turned on. The height adjustment and drive system use the same battery, thus the chair is still charged as normally. Note that the indicator may underestimate the battery capacity if used excessively. Charge every day.



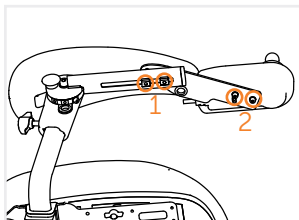
1.3.7. FLIP-UP WHEELS

The wheels can be flipped up to allow use VELA chair to function completely as it did without the drive system. Simply lift the drive wheels by hand until the contact with the frame. The you are able to move the chair sideways again. To reengage the drive wheels, just push them down again.



1.3.8. BRAKING

The brake you know from you VELA chair is not linked to the drive system. You must therefore remember to unlock the brake before driving. Note this applies for both manual and electrical brakes.



1.3.9. ADJUST THE JOYSTICK

The joystick can be adjusted in both depth and width. Untighten the two screws (1) visible next to the joystick to adjust location of the joystick. Unscrew the two screws (2) under the joystick to adjust the angle. Remember to tighten all four screws again afterwards.