



VELA Tango

VARIANT: 100, 100EL, 200 & 200EL

Manual no. 105017



VELA Tango 100



VELA Tango 100
Arthrodesis



VELA Tango 200



VELA Tango 100EL



VELA Tango El
Sit-stand



VELA Tango 200EL



ISO 9001
ISO 14001

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1.0. INTRODUCTION

DEAR CUSTOMER

Congratulations on your new VELA chair! We are sure this chair will give you daily pleasure. This user manual provides useful information on adjusting, operating and maintaining your chair.

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

Gøteborgvej 8-12
DK-9200 Aalborg SV
Denmark
www.vela.eu

1.1. WARNINGS



Use	In case of an allergic reaction, stop using the chair and consult a doctor
Use	Only use original spare parts from VELA
Use	Only use the supplied charger for charging the chair
Use	Do not make any changes to the accessories that come with the chair
Use	Only use the chair for the intended purpose
Use	Only adjust the seat angle and backrest angle while the user is sitting in the chair and the user's feet are flat on the floor
Use	Always have the chair brake on when you sit down or get up
Use	Never use the chair on surfaces with level differences as the chair may become unstable
Use	Maintenance other than cleaning should always be performed by a professional
Use	Never service the chair while it is in use
Use	Always follow the recommended maintenance and cleaning instructions
Use	The chair's functions are intended for the user. Only the user or trained professionals should adjust the chair while the user is sitting in it
Use	Never use the electric height adjustment for more than two minutes at a time
Use	In the event of an electrical error or unintentional height adjustment, push both of the buttons for height adjustment simultaneously for 10 seconds
Use	Risk of shearing or squeezing fingers in moving parts. Therefore, never use the chair if someone is touching underneath the seat
Choking hazard	Choking hazard on small parts. Never allow children to play with the chair, as small parts are removable
Choking hazard	If the chair is equipped with electric height adjustment, cables will be present. Never let children play with these
Electric noise	Using cables other than the standard ones may increase electrical emission or decrease electrical immunity
Electric noise	Avoid placing the chair close to appliances that emit electrical noise
Electric noise	The chair may only be used with accessories mentioned in this user manual, as electro-magnetic interference may otherwise occur
Electric noise	If the chair moves unintentionally or does not work as expected, find another location for the chair

1.2. TROUBLESHOOTING

Mistake	Possible cause and solution
Electric height adjustment does not work	The plug is not in the armrest – plug it in There is no power on the chair's battery. Charge the battery with the supplied charger The fuse is broken. See section 1.3.3
Manual height adjustment does not work	There is too much load or uneven load on the chair. Try to adjust the height without sitting in the chair. If this does not work, the gas cartridge is defective and should be replaced. Contact your VELA supplier
The brake function does not work	The brake is not activated. See section 2.0.10, 2.0.19. or 2.0.22
The armrest seems loose	One of the hand screws might be loose. Tighten the hand screw
The chair rolls badly	Wheels are blocked. Clean the wheels for wire residue and the like.
Brake rod or chassis is in the way when I move in the chair	You have a chair with seat rotation. Use seat rotation to straighten the chair. See section 2.0.11. or 2.0.12.
The backrest arm slides down	Tighten the hand screw further, as shown in section 2.0.1. You can tighten the hand screw hard without damaging the product

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

1.3. VELA TANGO WITH ELECTRIC HEIGHT ADJUSTMENT

1.3.1. POWER INPUT

Voltage: 24Vdc

Current: 0.5A

Power: 12VA

1.3.2. EMISSION

A VELA chair with electrical functions has been tested and complies with current requirements regarding electromagnetic radiation (EMC requirements). The chair is tested to the following specifications:

:: Emission class CISPR 11, Group 1, Class B

See more details at www.vela.eu

1.3.3. SURGE PROTECTION

A fuse is installed on the chair which secures the chair against power surges. The replaceable part of the fuse has the following specifications:

:: Flat fuse, type: ATOF blade fuse, fast-acting

:: Voltage: 32V

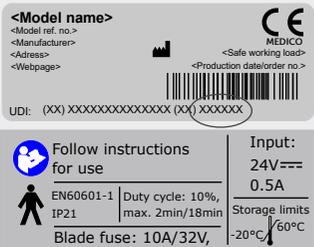
:: Current: 10A

:: Max. current: 1000A

Replacement of the fuse may only be performed by professionals, as the cause of the breach must be documented for safety reasons.

IN GENERAL

1.4. LABELS USED ON THE CHAIR

Warning	Risk of shear and squeeze: Keep hands and fingers away from moving parts	
Icon	Read "Instruction For Use" before use	
Icon	Part used: Type B cf. IEC60601-1 covering the following areas of the chair:	
Labels	60 x 22,5 mm The last six digits are the product ID number: This label only applies to chairs with electrical functions: The chair is IP21 approved, which corresponds to protection against water droplets, as well as against touching dangerous parts with a finger.	 <p><Model name> <Model ref. no.> <Manufacturer> <Address> <Webpage></p> <p>CE MEDICO <Safe working load> <Production date/order no.></p> <p>UDI: (xx) xxxxxxxxxxxxxxxxx (xx) xxxxxx</p> <p> Follow instructions for use</p> <p>EN60601-1 Duty cycle: 10%, max. 2min/18min IP21</p> <p>Blade fuse: 10A/32V, Input: 24V=== 0.5A</p> <p>Storage limits -20°C / 60°C</p>

Labels on the chair should be read at a distance of approx. 40 cm under normal daylight conditions.
For labels related to the operation of the chair, please refer to section 2.0.

1.5. SAFETY

This chair is CE marked and complies with applicable EU regulations. The chair is manufactured by: VELA, Gøteborgvej 8-12, 9200 Aalborg SV, Denmark.

The VELA Tango with electrical functions meets all safety requirements according to IEC 60601-1, including requirements for EMC according to IEC60601-1-2.

1.5.1. INTENDED USE

This device is intended to support a user in a sitting posture while performing indoor activities of daily living, including work activities

- :: The chair is not built to stand on
- :: The wheel brake must always be activated when sitting down or standing up

All variants of this chair are tested and approved for a maximum load of 160 kg. For optimal use, the chair's recommended user weight is 50-130 kg with gas cartridge and 50-145 kg with electric height.

Note: Persons using a harness in the chair must always be supervised when the harness is in use.

1.5.2. TRANSPORT

When transporting the chair by car, airplane or any other means of transport, always use the chair brake. The chair is not approved for use as a passenger seat in any means of transportation and may not be used as such.

The chair is designed to be transported under the following environmental conditions:

Temperature: - 20°C to + 60°C

Humidity: 15-95%

Allow the chair to stand for 24 hours before use if it has been stored below - 10°C.

1.6. WARRANTY

VELA grants a right of claim under applicable law in the country where the chair is acquired. The right of complaint applies only when using original spare parts and accessories, as well as customisations made by professionals.

Note: if an exclusive contractual agreement has been made directly with VELA, this applies!

VELA assumes no liability for damages to the product or the user caused by:

- :: Transportation
- :: Misuse
- :: Normal wear and tear
- :: Wrong use
- :: Use of spare parts and accessories that are not original VELA products
- :: Adjustments made by unauthorised service technicians

1.7. UNPACKING THE CHAIR

The chair comes in environmentally friendly and recyclable packaging.

In case of defects or transport damage to the chair, please contact your VELA supplier right away. In such cases, do not attempt to use the chair or to fix it yourself.

On delivery you have received:

- :: VELA chair
- :: Instructions for use
- :: Charger (only for chairs with electrical functions)

Note: see item 2.0.1 for correct attachment of backrest.

1.8. MAINTENANCE

We recommend an annual inspection of the chair to identify any defective or worn parts. All removable parts should be tightened regularly. You can find various guides on www.vela.eu.

1.8.1. WHEELS

We recommended you regularly check the wheels and remove any residual threads, etc.

1.8.2. FRAME

Clean with lukewarm water and if necessary, add some pH-neutral detergent.

1.8.3. PADDING

Fabric: Clean by chemical cleaning, with furniture cleaner or with water using a hard-wrung cloth.

Synthetic fabric or leather: Clean with water or mild soap using a hard-wrung cloth.

Leather: Clean by vacuuming with a soft brush. Avoid using detergent.

Note: On www.vela.eu you can find cleaning instructions for all our standard upholstery types.

1.8.4. RECYCLING GUIDE

Your VELA chair can be reused by another person when you no longer need it as long as the chair is serviced by a technician beforehand.

The life expectancy of the chair is five years for regular and proper use

as long as VELA, your VELA supplier or a trained professional perform an annual inspection with replacement of worn parts.

1.9. RECYCLING AND DISPOSAL

This product contains recyclable materials. Therefore, the product must be disposed of in accordance with local regulations and not together with ordinary household waste. Proper disposal and recycling will help prevent negative effects on the environment and people.

Note: Electrical and electronic equipment and accompanying batteries contain materials, components and substances that can be harmful to human health and the environment if the waste is not handled properly.

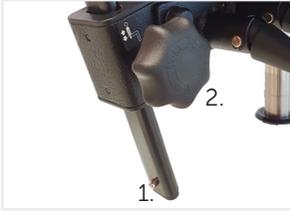
Electrical and electronic equipment and batteries are marked with the icon shown below. This symbolises that electrical and electronic equipment and batteries must not be disposed of together with unsorted household waste but must be collected separately.



It is important that you return your used batteries to the established schemes. In this way, you help ensure that batteries are recycled in accordance with current legislation and do not cause unnecessary harm to the environment.

2.0. USER MANUAL

Replacement of the gas spring or electric actuator may only be performed by the service support team from your dealer or a skilled technical person.



2.0.1. ATTACHING THE BACKREST

Press the locking pin spring (1) and push the backrest arm through the hole. Tighten the hand screw (2) afterwards.

Note: The backrest arm must be pushed through completely so the pin spring locks the backrest arm. Make sure that the backrest arm cannot be pulled out again.



2.0.2. ADJUSTMENT OF SEAT HEIGHT (VELA TANGO EL)

Can be operated from the underside of both right and left armrest - depending on where the plug is placed (see section 2.0.3.).

Note: VELA Tango El is available with remote controlled height adjustment (i.e. if caregivers must be able to adjust the height).



2.0.3. CHANGING PLACE FOR HEIGHT ADJUSTMENT - RIGHT/LEFT ARMREST OR SWITCH BOX (VELA TANGO EL)

Remove the plug from the back of the armrest and insert it into the opposite armrest or bottom of the switch box.

Note: Height function may only be used continuously for one minute, then nine minutes of break.



2.0.4. ADJUSTMENT OF SEAT HEIGHT (VELA TANGO)

Adjust the seat height by pulling up the front lever placed on your right hand side.

Note: Setting the angle of backrest and seat should always be done with your feet flat on the floor.



2.0.5. ADJUSTMENT OF SEAT TILT

Adjust the seat tilt by pulling the middle lever placed on your right hand side.



2.0.6. ADJUSTMENT OF BACK ANGLE

Adjust the back tilt by pulling the rear lever placed on your right hand side.
Only operate the handle when someone is sitting in the chair - as the backrest tilts forward.



2.0.7. ADJUSTMENT OF BACK HEIGHT

Adjust by loosening the screw on the backrest and regulate the height. Remember to tighten the screw again.



2.0.8. ADJUSTMENT OF ARMREST, HEIGHT

Adjust by loosening the handwheel on the armrest bar and regulate the height of the armrest. Remember to tighten the handwheel again.



2.0.9. ADJUSTMENT OF ARMREST, WIDTH

Adjust by loosening the handwheel underneath the seat and regulate the width of the armrest. Remember to tighten the handwheel again.



2.0.10. BRAKES

VELA Tango brakes by moving the brake lever situated on the side of the frame forward. Unlock the chair by moving the brake lever backwards into upright position.

Note: The brake can be moved by loosening the screw at the bottom of the brake lever, remove the plastic knob on the opposite side hole and insert the brake lever. Remember to tighten the handle again.



2.0.11. ROTATION (VELA TANGO) (OPTIONAL)

The seat is rotated by pulling up the lever situated on the front left side. The chair can rotate 90° in either direction.



2.0.12. ROTATION (VELA TANGO EL) (OPTIONAL)

The seat is rotated by pushing back on the front handle on the left-hand side. Rotation can be turned and locked in the following positions: 90° to the left and 90° to the right.

Note: Rotation is not standard on all configurations of VELA Tango El.



2.0.13. BACK LATCH (VELA TANGO 200 & 200EL)

The backrest can be set to a specific angle by adjusting and secure the the bolt which is mounted on the rear side of the backrest.



2.0.14. CHARGING (VELA TANGO EL)

Daily charging is recommended. Place the operating plug in the charger - if the chair is charging, the LED ligght on the charger shows yellow. When the chair is fully charged the LED shows green.

Note: The chair should not be used whilst charging.



2.0.15. COXIT SPLIT SEAT (OPTIONAL)

The angle of the coxite flaps can be set independently of each other so they can be adapted to the individual need of support. loosen the hand screw under the seat, set the angle and tighten the screw.



2.0.16. FOOTREST (OPTIONAL)

Stabilising footrest that can also be used as a step when getting in and out of the chair.

Note: If the footrest is folded up and the seat is adjusted to its lowest position, the footrest can not be deployed and also conflict with seat and armrest.



2.0.17. FOOT PLATE (OPTIONAL)

The foot plate can be adjusted in length by loosening the hand screw in the center of the rod on the footrest. Remember to tighten the screw afterwards. The foot plate can be folded up so that it does not interfere when getting in and out of the chair.



2.0.18. PUSH HANDLE (OPTIONAL)

Strolling bracket for transporting a person in the chair. The strolling bracket is mounted to fittings under the seat using two finger screws. This is also where the depth is adjusted. The height is adjusted by pressing the two buttons on the side of the bracket while the handle is positioned at the desired height



2.0.19. FOOTBRAKE PEDAL (OPTIONAL)

VELA Tango with footbrake pedal can be used by pressing the top part of the pedal forwards. Unlock the chair by pressing the foot brake back in its original position.

Note: The foot pedal can be mounted in left or right side at the back of the chair.



2.0.20. SOFT TOUCH CONTACT (OPTIONAL)

Mounted under the left or right armrest - depending on the users needs. Remember to place the plug in the correct armrest (see section 2.0.3).

Note: VELA Tango El is available with remote controlled height adjustment (i.e. if caregivers must be able to adjust the height).



2.0.21. REMOTE CONTROL (OPTIONAL)

The remote control is operated via buttons on the front. A VELA remote control can have one or more functions. See the icons on the remote control to see what functions the buttons operate.

Note: insert plug in remote control to operate.



2.0.22. ELECTRIC BRAKE (OPTIONAL)

VELA Tango with electric brake, is braked and unlocked via remote control or angle contact. We advice to fully brake/ unlock the brake every time.

Note: This function can only be controlled via height adjustment under armrest, remote control or angle contact.

