



VELA Tango for children

VARIANT: 100S & 100ES

Manual no. 105163



VELA Tango 100S



VELA Tango 100ES



ISO 9001
ISO 14001

TABLE OF CONTENTS

1.0. INTRODUCTION	3
1.1. WARNINGS	4
1.2. TROUBLESHOOTING	5
1.3. VELA TANGO WITH ELECTRIC HEIGHT ADJUSTMENT	6
1.3.1. Power input	6
1.3.2. Emission	6
1.3.3. Surge protection	6
1.4. LABELS USED ON THE CHAIR	7
1.5. SAFETY	7
1.5.1. Intended use	7
1.5.2. Transport	8
1.6. WARRANTY	8
1.7. UNPACKING THE CHAIR	8
1.8. MAINTENANCE	8
1.8.1. WHEELS	9
1.8.2. FRAME	9
1.8.3. PADDING	9
1.8.4. RECYCLING GUIDE	9
1.9. RECYCLING AND DISPOSAL	9
2.0. USER MANUAL	10
2.0.1. Attaching the backrest	10
2.0.2. Height adjustment (Electric)	10
2.0.3. Adjustment of seat height (Electric)*	10
2.0.4. Adjustment of seat height (Manual)	10
2.0.5. Adjustment of seat tilt	11
2.0.6. Adjustment of backrest angle	11
2.0.7. Adjustment of back height	11
2.0.8. Back latch	11
2.0.9. Adjustment of armrest, height	12
2.0.10. Adjustment of armrest, width	12
2.0.11. Brake	12
2.0.12. Charging (Electric)	12
2.0.13. Foot plate	13
2.0.14. Rotation (Manual)*	13
2.0.15. Rotation (Electric)*	13
2.0.16. Push Handle*	13
2.0.17. Foot pedal for brake*	14
2.0.18. Hand box*	14
2.0.19. Electric brake*	14

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 2.0.11, 2.0.17. or 2.0.19
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 2.0.14. or 2.0.15.
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




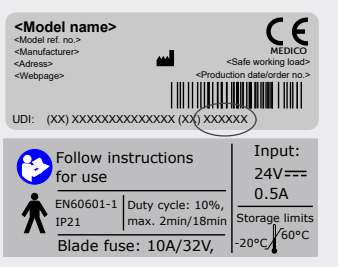
:: Current: 10A

:: 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) xxxxxxxx </p> <p> Follow instructions for use Input: 24V === 0.5A Storage limits: -20°C / 60°C EN60601-1 IP21 Duty cycle: 10%, max. 2min/18min Blade fuse: 10A/32V </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 child in a sitting posture while performing indoor activities of daily living, including school 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 80 kg. For optimal use, the chair's recommended user weight is 15-50 kg. **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.

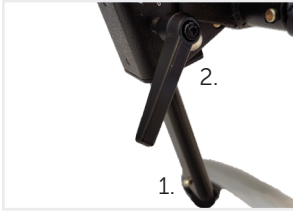
Electrical and electronic equipment and batteries are marked with the icon shown below. This symbolises that electrical and electronic equipment and batteries must not be disposed of together with unsorted household waste but must be collected separately.



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 quick release handle (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. HEIGHT ADJUSTMENT (ELECTRIC)

Can be operated from the underside of either the right or left armrest. The armrest can easily be moved to the opposite side. VELA Tango El is also available with height adjustment via hand box (if caregivers are to be able to adjust the height).

Note: Height function should only be used continuously for one minute, then a nine-minute break should follow.



2.0.3. ADJUSTMENT OF SEAT HEIGHT (ELECTRIC)*

Is operated from the height control pad located at the underside of either the right or left armrest.

Note: VELA Tango 100ES is also available with height adjustment via hand box (i.e. if caregivers must be able to adjust the height).



2.0.4. ADJUSTMENT OF SEAT HEIGHT (MANUAL)

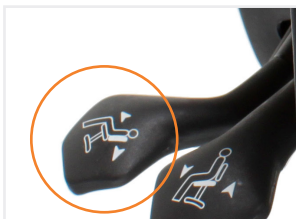
Adjust the seat height by pulling up the front lever placed at your right hand.

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



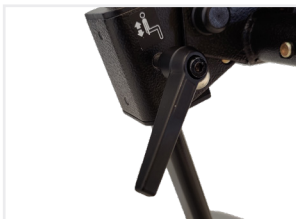
2.0.5. ADJUSTMENT OF SEAT TILT

Adjust the seat tilt by pulling up the middle lever placed at your right hand.



2.0.6. ADJUSTMENT OF BACKREST ANGLE

Adjust the back tilt by pulling up the rear lever placed at your right hand.
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 quick release handle on the backrest and regulate the height. Remember to tighten the quick release handle again.



2.0.8. BACK LATCH

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

* Depending on model



2.0.9. ADJUSTMENT OF ARMREST, HEIGHT

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



2.0.10. ADJUSTMENT OF ARMREST, WIDTH

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



2.0.11. BRAKE

The chair brakes by moving the lever situated on the side of the chair forward. Unlock the chair by moving the handle back 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 screw again.



VELA
TANGO
100ES

vi1935.dk/charge

2.0.12. CHARGING (ELECTRIC)

Daily charging is recommended. Place the charger in the plug - if the chair is charging, a yellow LED is illuminated. If the chair is fully charged the LED is green.

Note: The chair should not be used during charging.



2.0.13. FOOT PLATE

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.

Note: When adjusting the height of the footplate, always have the chair height in lowest position to avoid damage on the chair.



2.0.14. ROTATION (MANUAL)*

By pulling up the lever situated on the back left side, you can rotate the seat 90° in either direction. The seat will lock into a stable position, when turning the seat.



2.0.15. ROTATION (ELECTRIC)*

By pushing the lever situated on the front right side, you can rotate the seat 90° in either direction. The seat will lock into a stable position, when turning the seat.

The rotation can remain open, if you heave the lever outwards.

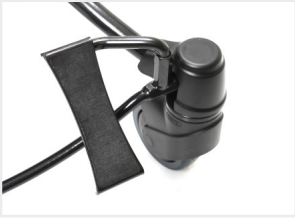


2.0.16. PUSH HANDLE*

Push handle for transporting a person in the chair. The push handle should be mounted on the back wheel towers.

Note: The push handle is also available in a configuration that can be adjusted in height. Loosen the screw located in the middle of the rod. Adjust the height. Remember to tighten the screw.

* Depending on model



2.0.17. FOOT PEDAL FOR BRAKE*

VELA Tango with foot pedal brakes 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.



2.0.18. HAND BOX*

The hand box is operated via buttons on the front. An VELA hand box can have one or more functions. See the hand box icons to see what functions the buttons operate.

Note: insert plug in hand box to operate.



2.0.19. ELECTRIC BRAKE*

This function can only be controlled via height adjustment under armrest, hand box or angle contact.

Note: The brake is hydraulic, and it is advised to fully braked/ unlocked when using this function.

** Depending on model*

