



# VELA Tango 500 & 500El - ALB backrest

The Active Lumbar Backrest (ALB) is a unique two-part, ergonomically-shaped backrest. It consists of a lumbar support and a back support, which can be individually set for optimal support of the back and lumbar area. The ALB backrest is available in small, medium and large.



VELA Tango 500 with small ALB backrest

*(The foot bar can be purchased as an accessory)*



VELA Tango 500El with medium ALB backrest

VELA Tango 500 is the latest development within work chairs, which, in addition to the work chair's other, well-known benefits, has a revolutionary, two-part ALB backrest. The ALB backrest provides a high level of support for an active and varied, ergonomic sitting position for people with disabilities who require extra comfort, support and safety. VELA Tango 500 therefore aids mobility, activity and participation in everyday activities as well as in the workplace for those with a disability.

The ALB backrest is a unique backrest in which back and lumbar support is divided in two. This backrest provides optimal support to the lumbar and pelvic regions, supporting the natural lumbar curve and promoting an upright posture, which can help prevent or ease back pain.

The lumbar support is moved easily and smoothly forwards and backwards using a handle, which provides variation and support in the lumbar region. The upper part of the back meanwhile retains its angle in relation to the pelvis, so that the user is also guaranteed support for the upper part of the back.

The new potential for movement in the lumbar region is a benefit to people with mobility problems so they have the opportunity to activate their body while sitting in the chair.

VELA Tango 500 has all the benefits of a work chair, such as good stability, large castors, central brake, adjustment of seat height, seat rotation, seat angle, foldable adjustable armrests and a wide range of accessories to choose from.

## BENEFITS

- :: The ALB backrest provides optimal support to the lumbar and pelvic region and promotes an upright posture
- :: The ALB backrest provides the potential for maximum variation of sitting position
- :: Stable frame and central brake provide extra safety when the user is getting in or out of the chair
- :: Option to "walk" the chair forward
- :: The foldable armrests ease moving, e.g. to a bed or another chair

## STANDARD CONFIGURATION

	VELA Tango 500	VELA Tango 500EI
<b>Height adjustment</b>	Gas spring: <b>150 mm</b> (5.9 Inches) or <b>200 mm</b> (7.9 Inches) movement	Elektric: <b>200 mm</b> (7.9 Inches) or <b>300 mm</b> (11.8 Inches) movement
<b>Sitting height</b> The sitting height can be adjusted in the following intervals:	<b>at 150 mm</b> (5.9 Inches): <b>42-57 cm</b> (16.5 - 22.4 Inches), 44-59 cm (17.3 - 23.2 Inches), 46-61 cm (18.1 - 24.0 Inches), 48-63 cm (18.9 - 24.8 Inches), 50-65 cm (2 - 26 Inches) <b>at 200 mm</b> (7.9 Inches): 47-67 cm (18.5 - 26.4 Inches), 49-69 cm (25.6 - 27.2 Inches), 51-71 cm (20.1 - 28 Inches), 53-73 cm (20.9 - 28.7 Inches), 55-75 cm (21.7 - 29.5 Inches)	<b>at 200 mm</b> (7.9 Inches): 40-60 cm (15.7 - 23.6 Inches), 42-62 cm (16.5 - 24.4 Inches), 44-64 cm (17.3 - 25.2 Inches), 46-66 cm (18.1 - 26 Inches) <b>at 300 mm</b> (11.8 Inches): 45-75 cm (17.7 - 29.5 Inches), 47-77 cm (18.5 - 30.3 Inches), 49-79 cm (19.3 - 31.1 Inches), 51-81 cm (20.1 - 31.9 Inches)
<b>Seat, width x depth</b>	44 x 44 cm (17.3 - 17.3 Inches) (Y seat)	44 x 44 cm (17.3 - 17.3 Inches) (Y seat)
<b>Seat angle</b>	10° forwards, 7° backwards	10° forwards, 7° backwards
<b>Backrest, width x height</b>	<b>39x39 cm</b> (15.4 - 15.4 Inches) (small ALB backrest) 39x49 cm (15.4 - 19.2 Inches) (medium ALB backrest) 39x51 cm (15.4 - 20.1 Inches) (large ALB backrest)	<b>39x39 cm</b> (15.4 - 15.4 Inches) (small ALB backrest) 39x49 cm (15.4 - 19.2 Inches) (medium ALB backrest) 39x51 cm (15.4 - 20.1 Inches) (large ALB backrest)
<b>Backrest angle</b>	4° forwards, 22° backwards	4° forwards, 22° backwards
<b>Height adjustment of backrest</b>	4 cm (1.6 Inches)	4 cm (1.6 Inches)
<b>Armrest padding</b> (PU armrests)	9 x 25 cm (3.5 - 9.8 Inches) (PU armrests)	9 x 25 cm (3.5 - 9.8 Inches) (PU armrests)
<b>Armrest height</b> , adjustable, foldable	0-22 cm (0 - 8.7 Inches)	0-22 cm (0 - 8.7 Inches)
<b>Distance between armrests</b> , adjustable	42-54 cm (16.5 - 21.2 Inches)	42-54 cm (16.5 - 21.2 Inches)
<b>Frame size</b>	55 x 55 cm (21.7 - 21.7 Inches)	55 x 55 cm (21.7 - 21.7 Inches)
<b>Chair's weight</b>	26 kg (57.3 lbs)	33 kg (72.8 lbs)
<b>User weight</b> , max.	160 kg (352.7 lbs)	160 kg (352.7 lbs)
<b>Seat rotation</b>	90° to the right/90° to the left	90° to the right/90° to the left

Standard dimensions for height adjustment, sitting height and backrest are marked in bold type

All chairs from VELA carry the CE-marking and comply with current standards.

VELA Tango 500 is supplied as standard in Main Line plus fabric, which is durable, comfortable and easy to clean. VELA has its own upholstery workshop, with over 300 types of foam, fabrics and colours in stock at all times. If you require special cleaning-friendly materials, VELA offers a large selection of artificial leathers and seat covers.

### ACCESSORIES AND SPECIAL SOLUTIONS

All VELA work chairs can be ordered with a large selection of accessories and special solutions, so that the chair can be adapted to the individual user's needs, for instance a special handle developed for people with arthritis in their hands and fingers. VELA offers individual solutions within padding, comfort, support, handles and electric adjustment.

### WORK ENVIRONMENT

- :: Electric height adjustment of the seat improves the work position for carers, for instance if the user requires assistance at mealtimes or getting dressed.
- :: The foldable armrest and height adjustment make it easier to move the user, as it is easy to place the user at bed or chair level when they need to be moved.
- :: The height-adjustable push handle makes the work of moving the user much easier, for example over short distances.

In Canada :: VELA :: Westech Health Care Ltd. :: 1-844-323-0022 :: www.westechhealth.com :: sales@westechhealth.com

### UNIQUE TWO-PART ALB BACKREST

Fundamental to the ALB Backrest is that even small movements and changes in back posture provide variation and increased muscle activity in the corset muscles around the stomach, lumbar and pelvic region. These changes can prevent backache and tiredness in the user and therefore prevent slouching while sitting.

