

[www.vela-medical.com](http://www.vela-medical.com)

# Dental Chairs

Ergonomic chairs

Specially developed for dental clinics



# Ergonomics, safety and efficiency come first

VELA Medical focuses on professionals working in hospitals, clinics and laboratories, among them, personnel working at dental clinics.

## **CHAIRS BASED ON KNOWLEDGE AND EXPERIENCE**

Through intensive collaboration with health care personnel, together with knowledge and experience about the needs of personnel and patients and their requirements for chairs, we are able to offer a wide range of chairs. We offer basic chairs for personnel as well as chairs with special functions for personnel in the dental clinics.

Ergonomics come first at VELA, and our chairs contribute towards a better working environment with

improved ergonomics, comfort and safety for both personnel and patients.

## **MAKE YOUR WORK DAY MORE EFFICIENT**

Chairs from VELA help to make the work day easier and more efficient for professional health care personnel, as the chairs are adapted to the individual work tasks, for example where an effective examination or precise treatment is required.

This efficiency is aided by easy-to-use controls and chair settings. Ergonomic design of seat, back, armrests and accessories contributes to both good working postures for personnel and safety for the patients.

# VELA Samba 150



VELA Samba 150 was developed in a fruitful partnership with the Danish dentist Herluf Skovsgaard. The chair is ergonomic and comfortable and has a unique, short seat with a rounded and heavily padded front.

- :: The special short seat with seat tilt makes it easy for personnel to work close to the patient
- :: The seat is built up with different types of foam that improve stability when the seat is tilted forward
- :: The rounded front of the seat helps blood circulation in your legs – even if you are sitting in the chair for a long time
- :: Optimum support of your back by means of a narrow, ergonomically curved back rest
- :: The design of the back rest allows that your arms, shoulders, neck and head can move freely
- :: The back rest can be adjusted in height as well as back and forth
- :: Seat tilting provides an open hip angle and means you can work in an active, straight posture that contributes to a healthy back
- :: Seat height can be controlled by hand or foot



VELA Samba 150



VELA Samba 150

With foot-controlled height adjustment

# VELA Latin 300



VELA Latin 300 has a specially designed seat that makes it easy for personnel to sit very close to each other during treatments.

- :: The seat's rounded front helps blood circulation in your legs – even if you are sitting in the chair for a long time
- :: The adjustable back rest supports your lower back well
- :: The adjustable seat tilting provides a straight posture and facilitates movement of your shoulders, neck and head
- :: Seat height can be controlled by hand or foot
- :: A narrow back rest that allows your arms, shoulders, neck and head to move freely is available instead of the standard back rest



# VELA Samba 400



VELA Samba 400 is well suited for work at the clinic, where the dentist and her assistant need to sit close to the patient and to each other. The saddle seat contributes to avoiding work postures in which you need to stoop.

- :: The anatomically shaped saddle seat comes in two sizes
- :: The saddle seat with adjustable tilting supports an open hip angle and an active and straight sitting posture with a natural sway in the back
- :: A comfortable, ergonomic sitting posture gives you a pleasant work day and minimises fatigue
- :: The chair is easy to handle thanks to the small frame and the smooth running wheels
- :: Seat height can be controlled by hand or foot
- :: Comes with or without a narrow, ergonomic back rest



VELA Samba 400



VELA Samba 400

with a narrow, ergonomic curved back rest



VELA Samba 400

With foot-controlled height adjustment

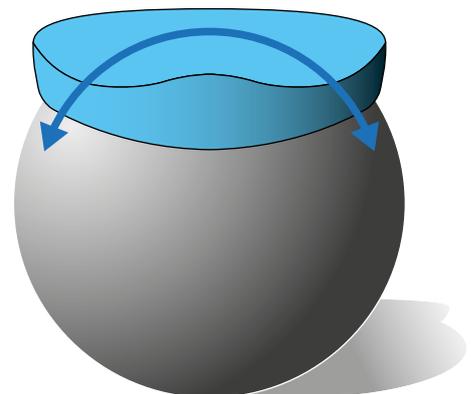
# VELA Samba 410



VELA Samba 410

VELA Samba 410 is a unique chair that allows movement in the lumbar spine through the uniquely-designed seat.

- :: The stool trains your back and stomach when you are using it
- :: The unique, dynamic seat has the same positive qualities as a Pilates ball, and you do not risk losing your balance
- :: The seat activates your body's balance and thereby also your muscles and joints in your back and stomach
- :: The seat helps you move your lower back and rotate your pelvis
- :: The dynamic movement stimulates and strengthens your back and your lower back, and you achieve a straight and active sitting posture



# VELA Samba 500/510/520



VELA Samba 500 is a simple stool for your clinic's personnel, who need varying seat heights and sitting postures and also need to move around the patient.

- :: A small and compact stool that makes it easy for personnel to sit close to the patient and each other
- :: Easy to handle because of the small frame and smooth running wheels
- :: Seat height can be controlled by hand or foot
- :: Various different back rests are available

## VELA Samba 510

- :: With a small, permanent support for your lower back for free movement of your arms, shoulders, neck and head

## VELA Samba 520

- :: With an adjustable, narrow and ergonomically curved back rest for free movement of your arms, shoulders, neck and head

## VELA Samba 520

- :: With an adjustable, ergonomic back rest that supports your lower back well



VELA Samba 500

Seat height can be controlled by foot



VELA Samba 510



VELA Samba 520

With narrow ergonomic back rest



VELA Samba 520

With ergonomic back rest

# VELA Samba 100/110/120



VELA Samba 100



VELA Samba 110

with a foot ring



VELA Samba 120

with foot-controlled  
height adjustment

VELA Samba sit-stand chairs constitute the ideal solution for work where you change between a standing and a sitting posture.

- :: The short, shaped seat, that can be tilted, provides an open hip angle, facilitates an active and straight posture and is healthy for your back
- :: The adjustable back rest supports your lower back well
- :: The lower back supports a straight and upright sitting posture
- :: The short seat makes it easy to get very close to the patient while avoiding a stooping posture
- :: Seat height can be controlled by hand or foot
- :: Foot ring provides extra support and comfort when a high seat is needed

## VELA Samba 100

- :: Ergonomic seat with rounded front

## VELA Samba 110

- :: Ergonomic seat with a rounded and raised front improves stability when the chair is tilted forwards

## VELA Samba 120

- :: Ergonomic seat with 'carving' in the front

# VELA Latin 100/200



VELA Latin is an ergonomic quality chair and constitutes the perfect solution for the office work place.

- :: The ergonomically shaped seat and back rest support and stimulate a good sitting posture
- :: Good sitting comfort because of added padding. The seat has a rounded front and seat tilting
- :: The adjustable back provides good support for your lower back
- :: Easy, stepless adjustment of seat height and tilt plus back rest functions make allows for varying sitting postures and facilitate movement and an active sitting posture
- :: Arm rests come as accessories
- :: Foot ring provides extra support and comfort when a high seat is needed

## VELA Latin 100

- :: Standard model with ergonomic support of lower back

## VELA Latin 200

- :: This model has a higher back rest and a larger seat for users looking for further support and comfort





# Optimum adaptation to work tasks and clinic

## LARGE SELECTION OF ACCESSORIES

- :: It is possible to adapt the chair to the clinic and the specific member of staff
- :: The upholstery and the cover for the seat and the back rest are made of materials that fulfil the hygienic requirements of a dental clinic
- :: Arm rests support arms and hands and ensure comfort
- :: Multi-adjustable arm rests facilitate a better work position for arms, shoulders and neck and support arms and hands in relation to static movements and precision work
- :: Wide selection of wheels: wheels that brake when you sit in the chair, ones that brake when you do not sit in it, ones that are 'slow' or 'heavy,' and wheels with click brakes and slide shoes for different types of flooring and work tasks
- :: Different seat heights are possible as required by work tasks and the layout of your clinic. The sitting height can vary from 37 cm/14.6 inches and up to 86 cm/33.9 inches (with a maximum span of 20 cm).



# Five pieces of advice on good ergonomics

**GOOD ERGONOMICS ARE NOT PROVIDED BY ONE SPECIFIC SITTING POSTURE; ON THE CONTRARY; THEY ARE ACHIEVED THROUGH VARIATION AND CHANGE OF SITTING POSTURE DURING THE DAY**

1. Change between a sitting and a standing work position – for instance by using a sit-stand support chair.
2. Change between using a chair with and without a back rest to achieve variation during the day.
3. Use the chair's seat and back rest adjustment options to vary your sitting posture – move and change position in relation to your work task.
4. Move the chair for you to sit close to the patient and avoid postures where you have to stoop and strain your back or your neck - or where you have to reach for things that are not near you.
5. Use the chair's height adjustment and the seat's tilt function to avoid working with lifted shoulders and arms. A high chair facilitates a straight sitting posture, and you have a better view of your work.



# VELA - Danish Quality

VELA is a Danish family-owned company founded in 1935 by Vermund Larsen. VELA has its head office in Aalborg and its own development department as well as production, upholstery workshop, sales and marketing departments. In order to be closer to our customers, we also have three sales and service offices across Denmark.

## CHAIRS BUILT WITH CARE AND PRECISION

VELA's R&D department is focused constantly on optimising safety, functionality and design in collaboration with our therapists, who always ensure ergonomic comfort for the users. Our chairs are designed for medical purpose in the health care sector. That means, we take the high level of wear and tear into consideration, when making the chair.

VELA use quality materials in their production, e.g. durable mechanical parts. Also VELA upholster the chairs with fabrics that are long term wear-resistant, so the chairs will look nice and be serviceable for many years.

All VELA chairs are manufactured in Denmark, and for this reason we can offer the fastest delivery times on the market. We do not manufacture the chair until it has been ordered, allowing us to customise it.

## SPECIALISTS IN PERFECT UPHOLSTERY

VELA has its own upholstery workshop, with over 300 types of foam, fabrics and colours in stock at all times. All chairs carry the CE-marking and comply with current standards.