



# ZENSO

*Relax chair collection*

# CONTENT

## ZenSo collection

The Haelvoet ZenSo collection is highly versatile, functional and offers the most suitable seating solution for any environment.

<b>THE STORY</b> <i>What if... anything is possible?</i>	<b>03</b>
<b>ZENSO E-LIFT</b> <i>Electric with lift function</i>	<b>04</b>
<b>ZENSO E-MOVE</b> <i>Electric</i>	<b>06</b>
<b>ZENSO ERGO-LINE / DUO-LINE</b> <i>Manual</i>	<b>08</b>
<b>GETTING UP AND SITTING SAFELY</b> <i>E-lift mechanism Raising &amp; sitting assist</i>	<b>10</b>
<b>MAKE IT YOURS</b> <i>Configure your chair</i>	<b>12</b>
<b>ACCESSORIES</b> <i>Overview</i>	<b>16</b>
<b>IV RODS AND CASES</b> <i>Wide range</i>	<b>17</b>
<b>ZENSO IN PRACTICE</b>	<b>18</b>



Haelvoet  
Edition 2022  
Haelvoet reserves the right to modify the product.  
Small colour deviations are possible.

## The Story

What if... anything is possible? ZenSo aims at offering the most complete range of nursing chairs on the market.

### LARGE RANGE

The development of the ZenSo collection aims at offering the **most complete range of nursing chairs** on the market. Thanks to the perfect mix of functionality, aesthetics, and innovation, we can comply with all your needs.



### IN-HOUSE DEVELOPMENT PHILOSOPHY

What if... anything is possible on all chairs? Thanks to our in-house development and production, we can comply with individual needs and wishes easily and flexibly. For example, we are very proud we can offer the ZenSo chair with **different manual and electric relax systems**, with or without a stand-up help. A wide range of castors and finishing possibilities for armrests and upholstery make it possible to fully personalize the chair.

### FUNCTIONALITY & DURABILITY

Mobilising patients is of the utmost importance. That's why Haelvoet integrated **ingenious stand-up help systems** in its ZenSo collection. The supporting seat movement of the "raising & sitting assist" makes both getting up and sitting easier. Next to that, the innovative E-lift mechanism activates the brake system automatically. This helps the user to get up or sit down safely.



Haelvoet strives for a **circular economy** and develops all its products in a modular way. By doing so, parts can be replaced easily, which increases the product's life span. Moreover, this modularity ensures that the product can evolve with the wishes and needs of the user.

### AESTHETICS

The ZenSo chair combines ergonomics with aesthetics and can take on many forms. Thanks to the wide range of options for armrests, chair bases and finishing, the ZenSo chair fits in **both home and various nursing environments**. Creating more self-reliance for users and providing support for nursing staff remains our motivation.

*The ZenSo collection is at a crossroads of two worlds:  
when innovation meets design.*





**LOWERABLE ARMRESTS**  
*Makes transfers easier*

**CENTRAL BRAKE**  
*Activation in 1 single movement*



## ZENSO E-LIFT

*Ref. 19108*

After a medical intervention, it is important to recover as soon as possible. Thanks to the increased self-reliance, this process goes faster and patients have a quicker prospect of recovery. The ZenSo E-lift is an ideal aid for persons with (temporarily) reduced mobility. By providing electric support, the ZenSo chair helps the user to get in or out of the chair independently.



Scan and watch how the **ZenSo E-lift** chair makes a transfer easier

### E-LIFT

*Maximum functionality*

- + Lift function + automatic brake function
- + Electric and tactile
- + Hand switch or integrated control
- + Magnetic power connection for a roll-away and stumbling safety
- + No socket needed thanks to a Li-ion battery (\*)



(\*): Option

**SYNTHETIC COVER**  
*Easy to clean*

**HOMELY LOOK**  
*Upholstered armrests and integrated control*

## ZENSO E-MOVE

*Ref. 20052*

People need to feel at ease in a new environment and a chair can play an important role in this. The ZenSo E-move chair combines a homely look with comfort features that increase the user's independence and guarantee a high level of convenience.

**E-MOVE**  
*Comfort and rest*

- + Electric and tactile
- + Wide range of supports
- + Hand switch or integrated control
- + Magnetic power connection for a roll-away and stumbling safety
- + No socket needed thanks to a Li-ion battery (\*)

(\*): Option



*Magnetic power connection*



**HOMELY LOOK**  
*Upholstered armrests*

**OPEN BASE**  
*Easy to clean*

## ZENSO ERGO-LINE

*Ref. 19107*

A chair should be accessible and intuitive to use. The Ergo-line relax mechanism simultaneously inclines the back and leg support and is easy to operate by means of an ergonomic lever.

*Synchronous movement*



- + Synchronous movement of the backrest and legrest
- + Raising & sitting assist (\*)
- + Easy to operate by means of one ergonomic lever

## ZENSO DUO-LINE

*Ref. 20107*

The separately adjustable mechanism makes it possible to adjust either the legrest or backrest separately while reading or watching TV.

*Separately adjustable*



- + Separate adjustment of the backrest and legrest
- + Raising & sitting assist (\*)
- + Easy to operate by means of two ergonomic levers

(\*): Option

# 1. E-LIFT MECHANISM

The lift function on the Zenso E-lift chair supports the user optimally. The chair is braked automatically, thanks to the SafeBrake system.



## AUTOMATIC BRAKE SYSTEM

The **automatic brake function** makes sure that the castors are braked automatically (SafeBrake) when the stand-up help is operated.



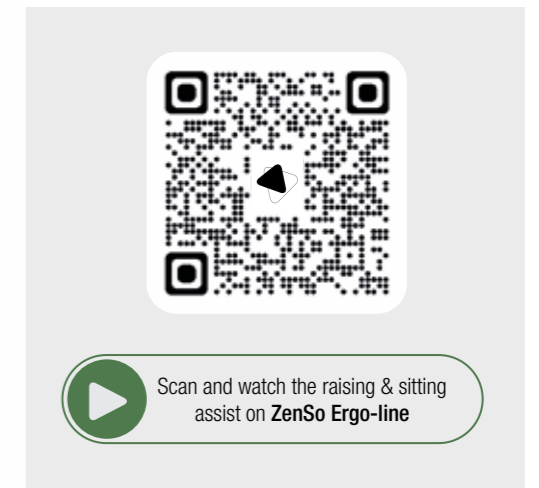
## HAND SWITCH OR INTEGRATED CONTROL

Choice between a **hand switch with spiral cable** or **integrated control** (only with upholstered armrests).



# 2. RAISING & SITTING ASSIST

The supporting movement of the “raising & sitting assist” makes both sitting and getting up easier.



## RAISING & SITTING ASSIST

Both the Zenso Ergo-line and Duo-line chair can be optionally equipped with a **raising & sitting assist** that can be easily activated by means of an additional lever. The supporting seat movement makes both getting up and sitting easier.



	ZENSO E-LIFT	ZENSO E-MOVE	ZENSO ERGO-LINE	ZENSO DUO-LINE	ZENSO REST CHAIR
<b>STAND-UP HELP SYSTEMS</b>					
E-lift mechanism	●	×	×	×	×
Raising & sitting assist	×	×	○	○	×

● : Standard ○ : Option × : Not possible

# MAKE IT YOURS

*Configure the chair in accordance with your wishes*

Thanks to the wide range of relax mechanisms, chair bases, castors and finishing possibilities, the chair can be fully made in accordance with your needs and wishes.

## 1. RELAX MECHANISM

*Choose from the different types of relax mechanisms.*

RELAX	Electric	Asynchronous and synchronous adjustment	ZENSO E-LIFT
			ZENSO E-MOVE
	Manual	Asynchronous adjustment	ZENSO DUO-LINE with raising & sitting assist
			ZENSO DUO-LINE
	Synchronous adjustment	ZENSO ERGO-LINE with raising & sitting assist	
		ZENSO ERGO-LINE	
FIXED	Fixed		ZENSO REST CHAIR

## 2. BASE

Depending on the chosen relax mechanism, different bases with or without castors are possible.

	ZENSO E-LIFT	ZENSO E-MOVE	ZENSO ERGO-LINE	ZENSO DUO-LINE	ZENSO REST CHAIR
<b>BASE</b>					
Low base	○	○	○	○	○
Low base with castors Ø 65 mm, separate brake	×	○	○	○	○
High base	○	○	○	○	○
High base with castors Ø 65 mm, separate brake	×	○	○	○	○
Castors Ø 100 mm, separate brake with footrest	×	○	○	○	×
Castors Ø 100 mm, central brake on the 2 castors in front, separate brake at the back and with footrest	×	○	○	○	×
Castors Ø 100 mm, central brake on 4 castors and with footrest	○	○	○	○	×
Castors Ø 300 mm in front, shock absorbing castors Ø 150 mm with central brake at the back, with footrest	○	○	○	○	×

○ : Possible    × : Not possible

## 3. ARMRESTS



Lowerable synthetic armrests

### LOWERABLE ARMRESTS

*Make transfers easier*

Lowerable armrests (\*) are available with **synthetic** or **wooden** finishing. The armrests can be lowered in 3 different positions.

Synthetic armrests    Wooden armrests



Fixed upholstered armrests, without cover

### FIXED UPHOLSTERED ARMRESTS

*Maximum hominess*

The upholstered armrests are available **without cover**, with **synthetic cover** or with **wooden cover**.

Without cover    Synthetic cover    Wooden cover

(\*): Not possible on ZenSo rest chair.

## 4. SEAT HEIGHT AND SEAT DEPTH



### Seat height

42,5 cm\*  
45 cm  
45 cm  
47,5 cm

### Seat depth

46 cm  
46 cm  
50 cm--  
50 cm--

### Suited for physical height

< 164 cm  
164 - 176 cm  
> 176 cm

















(\*): Not possible with E-lift mechanism

(\*\*): Not possible on Zenso rest chair



# Accessories

Several accessories make the ZenSo chair complete.

			
Removable head section	Provision for neck cushion	Neck cushion	Restraint bracket
			
Dinner tray holder	Elice dinner tray	Blood transfusion arm I	Blood transfusion arm II
			
DIN rail	Blood transfusion arm III	Personal table	Accessory hook
			
Head wash unit	Anatomical reduction cushion	DIN rail	Oxygen bottle holder Ø 19 mm / Ø 32 mm

# IV rods and cases

There are different options for each type of base.

	
IV rod Ø 19 mm	IV rod Ø 32 mm

	19 MM	32 MM
<b>Cases depending on the type of castors</b>		
Without castors	×	×
Ø 65 mm	×	×
Ø 100 mm, individually braked	○	×
Ø 100 mm, central brake on front castors	●	○
Ø 100 mm, central brake on 4 castors	●	○
Ø 300 mm front castors	○	○

●: Standard ○: Option ×: Not possible

# ZENSO

*in practice*

## TELESCOPIC LEGREST

The legrest is lengthened by 70 mm when inclined. Thanks to this function, the legs are optimally supported. It also eliminates wrinkles near or in the hollow of the knee that could further develop into decubitus.



## FULLY REMOVABLE SEAT AND LEGREST

The seat and legrest can be removed **in one piece** without tools to clean the seat properly. Furthermore, the underside of the seat and legrest is upholstered in the same finish as the top.

A standard seat can therefore be replaced very quickly by an anti-decubitus seat/legrest support with visco-elastic foam (\*).



(\*): Option

## FIRE-RETARDANT FOAM AND UPHOLSTERY

The high-quality foam of the Haelvoet products is **standard fire-retardant to the core**, just like our extensive collection of imitation leather.



Min. class: M2 (NFP 92.503) or BS5852 + CRIB 5.  
Foam and upholstery: EN1021-1 en EN1022-2.  
Choosing a Haelvoet product is choosing a safe product.

If required, customer-specific solutions are possible to match the total design of your care environment.

## CLEANING WITHOUT MOVING

Even on the ZenSo chair with high base without castors, the cleaning staff can easily clean under the seat thanks to a **free height of 13 cm**.

The entire chair collection can be cleaned very quickly and easily, thanks to the well-thought-out design and smooth surfaces.



Scan and watch the transfer from chair to ZenSo E-lift



Scan and watch the transfer from ZenSo E-lift to bed



Haelvoet makes sure that its excellent price-quality ratio is not at the expense of the environment. Our company considers durability - in all possible meanings - of paramount importance. All our products have a long lifespan and are delivered with a 15-year-guarantee on construction errors.

The ZenSo chairs are made in accordance with ISO 9001:2015 and ISO 13485:2016, and comply with all Essential health and safety requirements and other applicable European harmonised norms:

**EN 16139 : 2013** Furniture - Strength, durability and safety - Requirements for non-domestic seating.

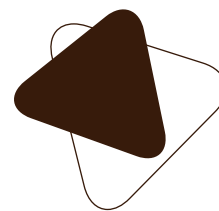
**EN 1728 : 2012** Furniture - Seating - Test methods for the determination of strength and durability.

**EN 1022 : 2005** Domestic furniture - Seating - Determination of stability.



Choosing Haelvoet is choosing an honest product, thanks to our modern and environment-friendly production processes, a maximum use of recyclable materials and our PEFC certificate.





Haelvoet nv | **Belgium**  
Leon Bekaertstraat 8  
B-8770 Ingelmunster  
T +32 (0) 51 48 66 95

[info@haelvoet.be](mailto:info@haelvoet.be)  
[www.haelvoet.be](http://www.haelvoet.be)

Haelvoet bv | **The Netherlands**  
Schimminck 1  
5301 KR Zaltbommel  
T +31 (0) 88 599 05 99  
F +31 (0) 88 599 05 00

[info@haelvoet.nl](mailto:info@haelvoet.nl)  
[www.haelvoet.nl](http://www.haelvoet.nl)

Haelvoet sarl | **France**  
130, Boulevard de la Liberté  
59000 Lille  
T +33 (0) 3 20 02 71 71  
F +33 (0) 3 20 88 18 91

[info@haelvoet.fr](mailto:info@haelvoet.fr)  
[www.haelvoet.fr](http://www.haelvoet.fr)

Haelvoet sa | **Switzerland**  
Route de la Plaine 45  
1580 Avenches  
T +41 (0) 26 675 46 86  
F +41 (0) 21 560 46 46

[info@haelvoet.ch](mailto:info@haelvoet.ch)  
[www.haelvoet.ch](http://www.haelvoet.ch)

Haelvoet srl | **Romania**  
Parcul Industrial Jibou 1  
455200 Jibou, Salaj  
T +40 (0) 260 64 22 33  
F +40 (0) 260 64 22 55

[info@haelvoet.ro](mailto:info@haelvoet.ro)  
[www.haelvoet.ro](http://www.haelvoet.ro)