

Domus Ergo-line Flex

18251 The central idea behind the Domus relax chair is to offer optimal seating comfort in peace and quiet. The Ergo-line mechanism makes sure that the backrest, seat and legrest simultaneously tilt into a “*zero gravity*” position. The optional “raising & sitting assist” provides ergonomic support for getting up and sitting down, thanks to the supporting seat movement.

Support

- The rounded sides consist of 2 OSB boards of 30 mm, and are firmly connected with a steel structure.
- The sides are upholstered with fire-retardant foam.
- The upholstery is finished with imitation leather and decorative stitching.
- Comfortable rounded armrests of ± 4 cm.
- All edges and corners have been rounded.
- No visible fastening elements.
- Design castors $\varnothing 65$ mm with brake (to move the seat without a patient).
- Optionally possible on solid beech legs, fitted with synthetic floor protectors at the front and two integrated auxiliary wheels at the back.

Seat

- Removable seat in melaminated MDF, thickness: 12 mm.
- The rounded seat in front stimulates a fluent blood circulation.
- Comfortable seat height of 45 cm.
- Upholstered with fire-retardant foam. Two different density zones guarantee optimal seating comfort.
- The upholstery is finished with imitation leather and decorative stitching.

Backrest and legrest

- The backrest consists of an ergonomic pre-shaped plywood shell, thickness 12 mm.
- Upholstered with fire-retardant foam. This foam has 3 different density zones to guarantee optimal seating comfort.
- The upholstery is finished with imitation leather and decorative stitching.
- Legrest: plywood, thickness 10 mm, upholstered with fire-retardant foam and finished with imitation leather.

Ergo-line mechanism:

- Makes sure that the backrest, seat and legrest simultaneously tilt into a *zero gravity* position (*) by means of a lever that is situated on the right inside of the chair.
- The angle between the seat and backrest ranges from 100° (seating position) to 142° (“*zero gravity*” position).
- When the relax mechanism is activated, the seat inclines to a 25° angle.
- A gas spring minimizes the necessary activation strength of the mechanism.
- Thanks to a lever that is situated on the right inside of the chair, it is possible to lock the chair in every position.
- When the chair is put in the seat position, the legrest will be turned inwards so that you can stand up without any problem.

Colours

We would like to refer to our extensive colour gamut.
Sample card + samples available on request.

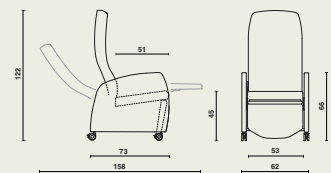
(*) Zero gravity position: this seat/lying position is based on NASA data. A neutral body position converts all muscle power into a biomedical balance. (Source: “From outer space to you”, Omni, March 1994.)



Dimensions

18251 | Domus Ergo-line Flex:

- L 62 x D 73 x H 122 cm
- Seat height: 45 cm
- Seat depth: 51 cm
- Seat width: 53 cm
- Height armrests: 66 cm
- Safe working load: 135 kg



Materials and finishing

- Wood: Solid beech, Plywood, OSB, MDF.
- Metal: epoxy coating (black).
- Fire-retardant foam.
- Upholstery: see collection.
- Resistant to the common cleaning products.

For further information about used **materials**, **constructions** and **maintenance**: consult our materialfiles.

Options

- Wooden / synthetic armrests.
- Dinner tray attachment.
- Abduction block combined with the dinner tray.
- Seat cushion with a top layer of 40 mm visco-elastic foam and a bi-elastic cover (also possible on the legrest).
- Anatomical reduction cushion.
- Lateral headrest.
- Bracket for fixation straps.
- Armrests with removable upholstery.
- Case for IV rod and/or IV rod $\varnothing 19$ mm.
- Wooden legs with integrated auxiliary wheels on the back legs.
- Hook for dinner tray.
- Design castors $\varnothing 100$ mm with brake.
- Design castors $\varnothing 100$ mm with brake and 2 directional castors.
- Footrest (only with castors $\varnothing 100$ mm).
- Synthetic and ergonomic push bar at the back (only with castors $\varnothing 100$ mm).
- Adjustable and removable head/neck cushion.
- Removable headrest.
- Raising & sitting assist.



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Since Haelvoet continuously aims to make technological progress, Haelvoet reserves the right to modify the product.