

Product characteristic ● Individual benefits

Point-synchronised mechanism

- As standard. Dynamic posture thanks to comfortable point-synchronised mechanism from Klöber.
- Thanks to the point-synchronised mechanism, the backrest follows the movement of the back without any “shirt-dragging” effect.
- Perfectly dynamic sitting thanks to frequent changes in the sitting position as recommended by doctors, together with simultaneous support for the spine.
- Intelligent technology with self-explanatory keys for intuitive operation of the chair’s functions.

Locking of the seat and backrest

- The synchronous movement of the mechanism can be locked in three sitting positions if required: at 0°, 3° and 7°, i.e. forward-leaning, upright and reclining. For example, when telephoning for longer periods in a relaxed, reclining posture.

Progressive counter-pressure

- Prevents chair from unexpectedly tipping into a reclining position.

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1:4 ratio between seat and backrest angle

- The 1:4 ratio of the movement of seat and backrest allows the user to lean back into the chair with the upper body. For relaxed posture in a reclining position. The maximum angle of tilt is 28°. The backrest supports the spine and pelvis throughout the movement preventing static muscular tension and premature fatigue.

Adjustment according to body weight

- The patented quick-set adjustment mechanism to regulate the counter-pressure of the backrest enables fast, simple and convenient adjustment to the user’s body weight over a broad range, without the need for awkward manoeuvring.
- Itera is thus ideal for use at workplaces where desk sharing and hot desking are the order of the day (e.g. call centres).
- Very generous adjustment range for body weight from 45 to 125 kg, so the chair is equally suitable for very light and heavy users.

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Seat height

- In accordance with EN 1335, the seat height can be adjusted between 40 and 51 cm, making it suitable for small to standard height users.

Special seat height

- The gas-lift function with seat height 46 to 60 cm is also available as an option. Even taller users or those with long legs can therefore sit comfortably.

Seat suspension

- In addition to the comfortable seat upholstery, a gas-lift function with built-in suspension made of Elastogran ensures high comfort. This absorbs the impact when sitting down in the lowest seat position and thus takes the strain off the intervertebral discs.
- An even more comfortable suspension is also available as an option thanks to the gas-lift function with additional internal, mechanical spring.

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Seat tilt adjustment

- The seat surface tilt is set at 0° with an opening angle of 92°: this is ideal for the standard open sitting position. The pressure is distributed evenly, the stress on the intervertebral discs is lower than in a forward leaning posture. The backrest supports some of the body weight.

Stepless seat tilt adjustment by 5° and seat depth adjustment

- Optional extra: The chair can be tilted forwards by 5°, from +2° to –3°. Ergonomically expedient when adopting an upright, i.e. forward seated posture: it prevents sitting with a hunched back, is conducive to an upright position for pelvis and spine (“lordotic curve”) and prevents congestion of the blood flow in the thighs. Promotes the circulation of body fluids and the supply of oxygen to the brain, improving concentration and preventing fatigue.
- The seat tilt can be adjusted to any position by turning a wheel.
- The seat tilt adjustment option is always combined with the adjustable seat depth.

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Seat depth adjustment

- Optional extra: seat depth adjustable in seven 7 cm stages (sliding seat) for ideal adaptation of the seat length (from 40 to 47 cm) to individual height and leg length. The front edge of the seat does not press uncomfortably against the back of the knees.

Seat padding

- The comfortable 55 mm thick PU moulded cushion ensures outstanding and even pressure distribution and individual physiological shaping of the seating surface.

Backrest design

- The high backrest effectively takes the strain off the back and shoulder and neck muscles. It is shaped anatomically with a pronounced lordosis curve for optimum support of the entire spine.
- As a plastic shell with a 35 mm thick PU moulded foam cushion, the backrest gives optimum support.
- The distinctive backrest profile provides outstanding support for the lower lumbar region, particularly the pelvis.

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Adjustable lumbar support

- The optional lumbar support provides support for the lumbar region and uniform pressure relief for the intervertebral discs.
- The backrest can be adjusted in height by 6 cm to adapt the backrest to suit users of different heights.
- At the same height as the lordosis support point, Itera features an air support that is integrated into the backrest. The sliding mechanism on the side of the backrest can be used to adjust the vertical height of the backrest by 6 cm to suit various upper-body lengths.
- The integrated air support serves simultaneously to change the back profile i.e. of the lordosis curve. Thanks to a handy air pump, the air support can be inflated by up to 3 cm to adjust the curve of the backrest to suit personal requirements and different spine shapes.

Armrests

- Armrests provide support when standing up and sitting down. They take the strain off the shoulders and upper arm muscles, relieve tension in the area of the neck and

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the cervical vertebrae.

Four armrest models meet individual requirements:

- Z armrests – 4F arm supports
- 3D arm supports – MF arm supports

Z armrests

- Ideal adaptation to different heights and arm lengths, adjustable in height by 10 cm.

3D arm supports

- Soft PU armrest supports can be swivelled by 30° to left and right. 10 cm height adjustment. Armrests can be adjusted in depth by 5 cm. The depth of the armrests can be adjusted (below the seat) by 3 cm.

4F arm supports

- 11 cm height adjustment, 5 cm horizontal adjustment to the front. Armrests can be swivelled 30° to both the right and left and can also be adjusted to each side by 2.5 cm (+3 cm below the seat).

MF arm supports

- 11.5 cm height adjustment, 8 cm horizontal adjustment to the front. Armrests can be swivelled 30° to both the right and left and can also be adjusted to

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each side by 5 cm (+3 cm below the seat). Each setting can be locked in position. Guarantees adjustment to the individual requirements of both the extremely tall and short and is thus in full compliance with the stringent Dutch NPR guidelines.

Appearance and form

- Klöber Itera combines visible ergonomics, intuitive operation and high comfort with an emotional design.

Designer

- Matthias Dohm

Standards / certificates

- GS symbol from LGA Nuremberg
- EU directive 90/270 EEC Work with display screen equipment/DIN EN ISO 9241
- DIN EN 1335/NEN EN 1335
- Ergonomics certificate (tested ergonomics) from LGA Nuremberg
- ANSI/BIFMA x 5.1 tested
- Made in Germany



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