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xenium – duo back .

unique support – double the comfort



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Further xenium literature:

- xenium
- xenium – executive



the ultimate seating experience



x – duo back.



xenium – duo back provides a new dimension to seated comfort. The cleverly designed back pads support every natural upper body movement, promoting a healthy and dynamic posture. The clean design and intelligent flexibility makes **xenium – duo back** the ideal chair for all office seating functions. The high quality synchronous mechanism has a wider than usual angle between seat and backrest. This, combined with the extensive seat depth and backrest height adjustment, ensures suitability to a wide variety of differently dimensioned individuals.

xenium, the gift* of ergonomics

(*xenium (Latin) = gift.)

Design: Martin Ballendat



Naturally Dynamic

The **xenium – duo back** chair's clean design, together with the world-famous patented backrest pads, creates the optimum balance between movement and seated support, offering unprecedented comfort.

The vertically split backrest pads move independently so as to respond to the natural movement of the upper body, in a way that no solid back chair can achieve. This unique backrest is helpful to all users but especially for those people who work at a desk for prolonged periods.

xenium – duo back offers significant relief from and/or prevention of muscle tension, encouraging better quality work and increased productivity. Additionally, the backrest pads support the musculature either side of the spine and throughout the lumbar region, reducing pressure on the intervertebral discs by up to 50%. This superb product sets new standards in the application of ergonomics, helping to prevent work-related back conditions. Moreover, physiotherapists, occupational therapists and orthopaedic specialists have often recognised the **duo back** chairs as being beneficial for those people with existing back problems.

design and style – harmonious lines



xlh-D13-321



xlh-D23-321



xlh-D15-331



xlh-D15-33F

releasing
energy





The combination of sliding seat and backrest height adjustment provides up to 107 mm of seat depth. The height span of the backrest is 90 mm.

The human body needs to retain its natural mobility for workers to feel comfortable and stress-free. It is this fundamental requirement which has been used in the creation of the xenium – duo back. xenium is the symbiosis of design and ergonomics, originating from extensive market-place experience combined with recent new research in the fields of ergonomics and workplace design. xenium – duo back not only complies with the latest, as well as forthcoming, international standards such as DIN/EN 1335 and NPR 1813, but actually exceeds these standards through its amazing back support. The comfort level is quite superb and unmatched in its ability to create well-being.



The 3D armrests adjust in height by up to 38mm and the top swivels through 22°.

The 3D multi-functional armrests adjust in height by up to 31 cm. The armrest tops are fixed off centre and by swivelling through 360° they adapt to body widths varying between 36 cm and 51 cm.



Seat tilt adjusts by 4°.

Both depth and height of the backrest is adjustable.

Synchronous mechanism has a movement angle of between 98° and 121.8°. Ratio: 1:2.9.

intelligent concept

The gently inclined backrest, when adjusted in height, increases the effective seat depth by 27 mm giving an overall seat depth adjustment of 302mm.

