

J.Burrows Deluxe Drafting Chair

JBDRAFFABK



Summary

Chair designed for drafting in a home setting. It is designed for higher workstations, which are typically standing workstations. It would essentially suit all users, given the range of height adjustment and the presence of the height-adjustable foot ring. It would be suitable for about 4 hours of use and used in conjunction with standing. The seat is well finished and has good fittings. Not suitable for commercial use.

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AS/NZS 4438:1997 compliance¹ – Yes

AFRDI Rating² – Not rated for commercial use

Posture Support

A firm, reasonably comfortable fabric seat base and backrest. It is designed to cater to drafting workstations, typically higher than normal computer desks. The lumbar section is relatively flat, so it offers modest support. The seat has reasonably thick cushioning (75mm) for good support. The foot ring is adjustable, allowing the user to get into a reasonable sitting position when the seat is raised high while supporting the feet, suiting most users. It allows for some support in a sit-stand position, where the seat allows the user to lean against the chair while standing.

Adjustability

The seat height can be adjusted from 615mm to 885mm and is designed as a drafting chair. The backrest can be tilted back with several settings. The seat has tension control. The backrest adjusts vertically (100mm). The foot ring can be adjusted from 265-425 mm above the floor level. All controls are easy to operate and accessible whilst sitting in the seat.

Stability

It appears strong and stable, with a slight side wobble evident. This chair has a 120kg capacity, which means it can withstand heavy individuals. The chair is on a 5-caster hard plastic and steel pedestal base and pillar, which is strong and stable.

Upholstery, Covering, Corners and Edges

The seat and base are well-finished and upholstered. The corners and edges are well-rounded and smooth. There are no sharp projections, sharp edges or rough surfaces evident. Edges accessible to users are rounded with a minimum radius of 2mm. The ends and feet of tubular metal components are capped/closed and finished smoothly. The chair offers good foam cushioning. It appears to have adequate air/water vapour permeability, except where non-permeability is required for hygiene or ease of cleaning.

Dimensional Requirements / Anthropometrics³

Seat height adjustment from 615-885mm. The presence of the adjustable foot ring (265-425mm from floor height) and the height adjustment essentially would suit all user heights. Seat depth is 480mm, suitable for people with a measurement of 520mm or more from their buttocks to the back of the knee (see note on Seat Depth measurement below). The width of the seat base is 495mm, essentially accommodating the whole population (at least 95%). The backrest height of 345-445mm and 425mm wide is a small backrest suitable for most of the population (at least 95%). Lumbar support is minimal.

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Seat Depth

While seated, measure from your buttock to the back of your knee, then subtract 40mm.

¹ AS/NZS 4438:1997 Height-adjustable swivel chairs: Relevant standard for adjustable swivel office chairs. ² AFRDI Rating: Rated by Australasian Furnishing Research & Development Institute Limited, independent tester/certifier of furniture products. Blue Tick Certification ensures stability, durability, ergonomic dimensions, safety and strength and ignition mitigation sources. Green Tick Certification means material is sustainably sourced, requires low operating energy, waste is minimised during production and the ability to recycle components at end of life of product is maximised. ³ Anthropometrics: Based on data from S Pheasant, Bodyspace, Anthropometry, Ergonomics and Design, 1988; World Engineering Anthropometry Resource.