

ERGONOMIC ASSESSMENT

by Andrew Wilson, Osteopath & Ergonomist

KONFURB ORBIT 5 Star Chair

Seat Profile: 18 (20)

A wide rounded upholstered 520 x 450mm seat pan with about 20mm foam. It is nicely contoured side to side and front to back. It has a generous waterfall edge of 200mm. It is comfortable with no pressure points.

Backrest Profile: 17 (20)

It has a wide rounded upholstered backrest supporting the pelvis, lumbar and midback extending about 450mm above the seat. The lumbar and pelvic support is limited, and it is comfortable with no pressure points. The back rest wraps around to form integral armrests providing a visually appealing curved form integrating with the seat and backrest.

Comfort: Forward Posture: 9 (10)

The dynamic seat action allows an excellent forward posture with the added benefit of the locking mechanism providing extra stability when working forward (such as using a laptop or eating).

Comfort: Centre Posture: 8 (10)

The back rest height and profile and the dynamic mechanism allow a comfortable and dynamic centre and reclined posture with a minor pressure point at the top edge of the backrest which tends to increase with reclination.

Comfort: Reclined Posture: 8 (10)

The back rest height and profile and the dynamic mechanism allow a comfortable and dynamic centre and reclined posture with a minor pressure point at the top edge of the backrest which tends to increase with reclination.

Dynamic Rating: 8 (10)

The backrest and seat allow some flexibility and postural variation and the dynamic action also encourages frequent change and variation of posture.

Anthropometrics: 7 (10)

The generously proportioned seat and backrest will suit a wide range of users. The restrained lumbar support and relatively low gas lift height may limit its appeal.

Ease of Use: 8 (10)

A very stylish chair that is easy to use. A single lever adjusts both gas lift height and locking in the forward posture. The 5-star base adds versatility.

Total Score: 83 (100)

Summary:

A very stylish and comfortable meeting chair, suitable for a wide range of postures and use. Its dynamic mechanism, height adjustability and locking mechanism increase its versatility. Ideally suited to boardrooms, meeting spaces and break out areas. It would also be a versatile work from home chair.