

Ergonomics Test Report for

BFS Barker Group



Ergomax Holdings (Pty) Ltd

Cape Town

8 Chichester Close

Noordhoek

7979

Dale Kennedy (Certified Professional Ergonomist) (M.Sc.
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To: Gregory Yatt

10 September 2024

Ergomax Holdings has completed an **Ergonomics Test Report** for the following chair:

- **Mila Midback Chair**

The chair has been vetted against the Ergomax Holdings Office chair standards **ERG2024-01STD** document, which is available on request.

The following standards are referenced.

ISO 9241-3 and ISO 9241-5: International Organisation for Standardisation's widely accepted ergonomic requirements for office work.

BIFMA: BIFMA G1-2013 Ergonomics Guideline for Furniture used in office workspace designed for computer use. Furniture Used in Office Workspaces provides guidance in applying measurable ergonomic principles and design requirements found in ISO 9241.

ANSI/HFES 100-2007: Human Factors Engineering of Computer Workstations, Ergonomics Standard.

Yours Sincerely

A handwritten signature in black ink, appearing to read "Dale Kennedy", with a long, sweeping horizontal line extending to the right.

Dale Kennedy
Ergonomist

ERGOMAX HOLDINGS (Pty) Ltd 2012/016351/07

Directors:

Dale Kennedy MSc. Ergonomics- Chief Executive
DC Kennedy, IG Bird

This report only pertains to the "Mila Midback", at the time of the test. The document may not be copied electronically, physically or otherwise, except in its entirety. If sections of the report are to be copied, the written approval of the author is required.

Reference documentation: ERG2024-01STD

General condition: Office chair: A chair that is designed for use at a workstation for which the primary working posture requires the user to be seated for periods longer than 2 hours per 8-hour day.

Name of chair tested: Mila Midback Chair

SA standard (*Tolerance limit 10mm)		Combination of BIFMA and ANSI	Test result	Actual measurements (mm)
Test description		Test dimensions (mm)		
5	Chair height			
5.1	Height adjustable	Required	Pass	***
5.1.1	Seat pan height (Range)	380-560	Pass	400-510
5.1.2	Min adjustability	100	Pass	110
5.2	Seat pan			
5.2.1	Seat depth adjustable or fixed	Required >=50	Pass	Adjustable
5.2.2	Seat depth (min/max)	Range 380-500	Pass	400-460
5.2.3	Rounded front edge	Required	Pass	***
5.3	Seat width	>450	Pass	480
5.4	Seat tilt	Required	Pass	***
5.4.1	Seat tilt angle	>=4°	Pass	***
5.5	Backrest			
5.5.1	Backrest/lumbar support adj	Yes	Pass	***
5.5.2	Backrest height	>450	Pass	570
5.6	Backrest width	>360	Pass	450
5.7	Lumbar support	Required with range 150-200	Pass	170
5.8	Backrest tilt/recline	Required	Pass	***
5.8.1	Allow the user to recline at least 15 degrees from the vertical	>15°	Pass	***
5.8.2	Angle between backrest and seat pan	90°-120°	Pass	100°
5.8.3	Not force a torso-thigh angle less than 90°	***	Pass	***

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5.8.4	Not constrain torso forward of vertical	***	Pass	***
5.8.5	Allow the user to control the resistance necessary to recline the backrest unless automated	***	Pass	***
5.9	Synchronised type mechanism			
5.9.1	Synchronised tilt mechanism	Required	Pass	***
5.10	Arm rests			
5.10.1	Armrest adjustability	Required	Pass	***
5.10.2	Height adjustability	170-250	Pass	200-270
5.10.3	Padded material	Required	Pass	***
5.11	Armrest width	>40	Pass	80
5.12	Arm rest length	>=150	Pass	240
5.14	Inside arm width	>460	Pass	480
	Chair Base			
5.15.1	Chair has five-legged base of support	Required	Pass	***
5.15.2	Chair casters compatible with floor surface	Required	Pass	***
	Additional Criteria			
5.16	Ease of operation	Less than 4 levers on seat pan, low adjustment force, similar control placement	Pass	***
	Provide training	Required	Pass	***

Comments:

Chair has passed ergonomics criteria certificate no.: ERGSA - 1009240060

Pictures as per sample received. (4 Views)



Figure 1



Figure 2



Figure 3



Figure 4

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