



Forma 5
DESIGNING YOUR DREAMS

Synchro MOTION

New mechanism



Synchro MOTION

“Synchro Motion” is an important new step in the evolution of the synchronised mechanism incorporated in the operative and technical chairs. Entirely developed by the Research and Development department of Forma 5, “Synchro Motion” is installed in the most relevant ranges of technical chairs: e+, Touch, Eben and 2K8.

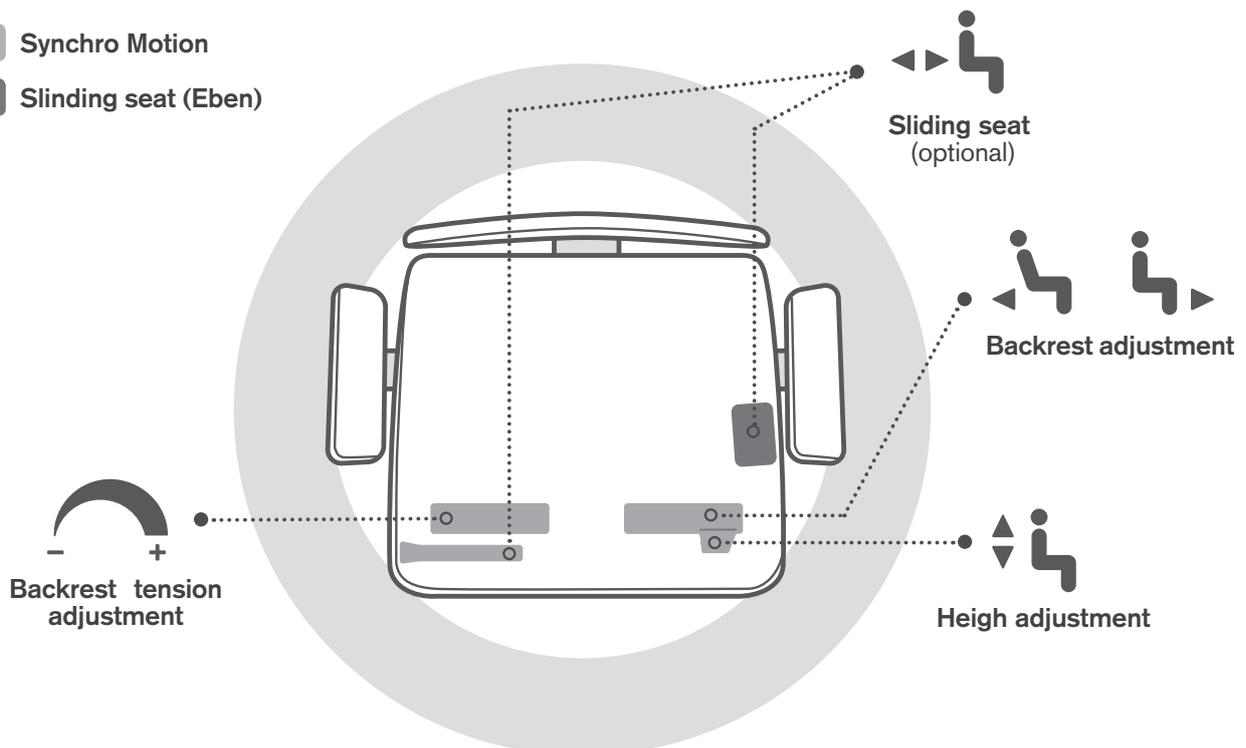
The synchronised-effect mechanism combines the most sought-after features in a modern mechanism: comfort and ease of use. Ease of use was established as an essential requirement when it came to setting the design parameters: the aim was to get away from the idea of “sitting machines”. The result of this is a mechanism in which the levers and activation systems have been pared down to the essentials without compromising the chair’s features.

MOTION MECHANISM



ADJUSTMENT OPTIONS

- Synchro Motion
- Sliding seat (Eben)



Selling points of the Motion mechanism

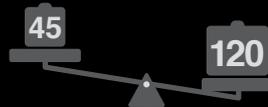
Unlike other state-of-the-art synchro mechanisms that usually have fixed positions in the backrest tension, Synchro Motion owns infinite positions allowing an exact adjustment to the desired tension. This means that a 83 kg user can adjust the tension exactly to the most comfortable for him, whereas with the other system he should use a fixed position for a weight range between 80 and 87 kg, for example, and it wouldn't adjust exactly to the ideal tension.

01

EASIER

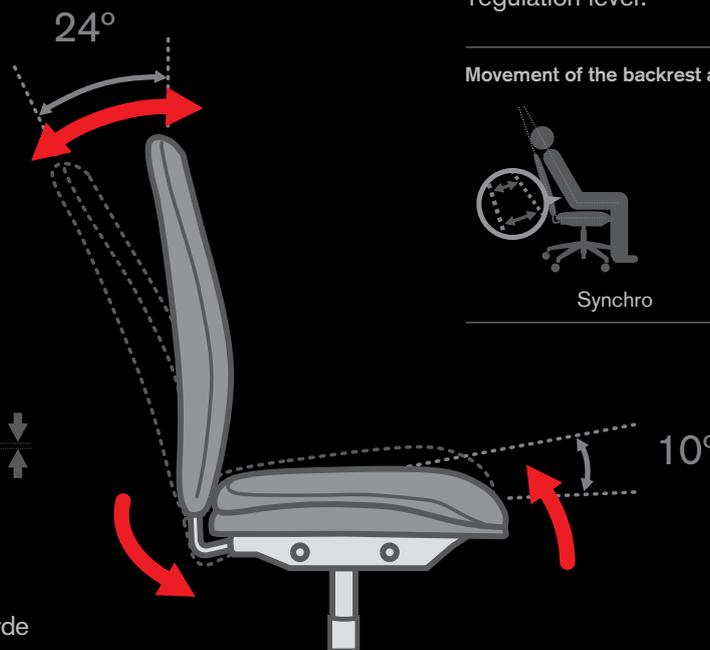
Its ideal working range is for users between 45 and 120 kg. The weight is adjusted with the knob and it puts up a constant resistance while the backrest tension is regulated, reducing or increasing.

The backrest tension can be regulated with a great precision, just with two turns.



User weight	Synchro	55 - 105 kg
	Synchro Motion	45 - 120 kg

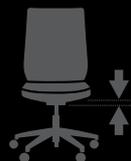
Biggest inclination angle: 24° in the backrest and 10° in the seat (2,4:1 relation).



03

MORE AESTHETIC

The mechanism has an avant-garde aesthetic in harmony with the design of the chair and keeping its symmetric proportions.



02



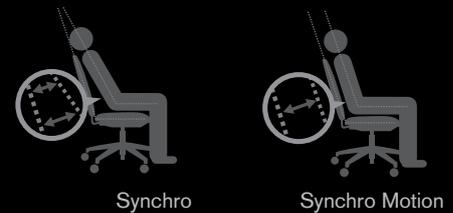
MORE COMFORTABLE

Synchro Motion inclines downwards the seat in its rear and keeps it in the same height practically in its front due to his ahead rotation axis.

Other synchro mechanisms with a more centered rotation axis, raise the seat in its front, producing pressure points in the back of the users legs which may cause circulatory problems and fatigue.

In addition, the backrest can be fixed to 4 different positions, in the same regulation lever.

Movement of the backrest and the body



AVAILABLE RANGES

Eben



Touch



2K8



e+



CERTIFIED ACCORDING TO

ANSI / BIFMA X5.1-2002 General- Purpose Office Chairs - Tests
Tilt Mechanism Test- Cyclic (Clause 10)

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