RPG
we make it real

Advance NEXT

02 24x7 Advance NEXT Armchair

Sitting for eight hours a day in front of a console can be detrimental to the health of Operators, as many problems arise from sedentary lifestyles and poor posture.

There is no doubt that people and companies achieve the best results when they operate in an ideal working environment.

Technical chairs are one of the most important elements of a workplace, since they allow to maintain a correct posture and make sure that circulation is the most appropriate, respecting the natural curvature of the back, adapting to each person in particular, having to be adjustable for it.

RPG knows the needs and demands of a Control Room, and therefore offers its customers an ergonomic chair designed for the operator to work comfortably, minimizing fatigue and tiredness.

The backrest of the **NEXT armchair** is made of injected polyurethane foam on a metal frame with plastic mesh, to achieve the elasticity of a mesh backrest with the comfort of a foam backrest.

The backrest tilts together with the seat in multiple positions.

The tilting tension can be adjusted between 45kg and 150kg by means of a side regulator and a wide range of upholstery colors can be selected, allowing to choose between the color of the central section and the 2 side sections.

Flexible: The PU foam backrest on a metal frame provides a firm support adaptable to the back.

Adjustable: The tilting tension can be adjusted between 45 kg and 150 kg by means of a lateral regulator.

Folding: The backrest is tilted down synchronously with the seat in multiple positions.

The seat is composed of a 4 mm thick polypropylene inner support and a polypropylene outer shell. The padding is made of injected polyurethane foam with anatomical shapes of 35 kg/m3 density and 5.5 kPa hardness.

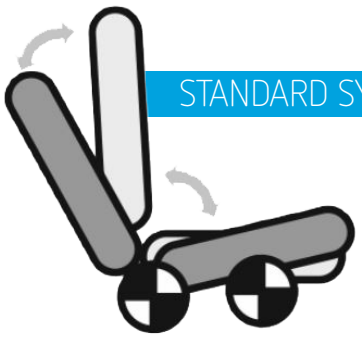
The seat will tilt together with the backrest in multiple positions.

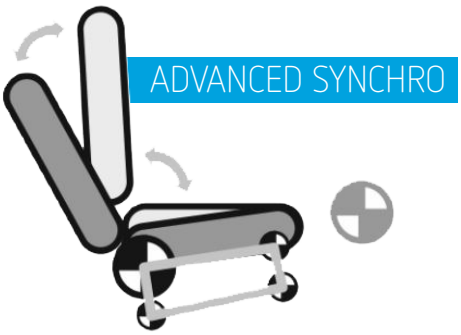
The front part of the seat will be curved downwards avoiding pressure on the popliteal hollow, thus facilitating a correct blood circulation in the lower extremities.

It has a depth regulator.

To optimize comfort and prevent health problems related to basic swivel mechanisms, it is necessary that the chair be designed with an Advanced Synchro mechanism.

This system has a dual-axis swivel system that allows the backrest to tilt together with the seat, keeping the knee height constant and protecting the knee joints.

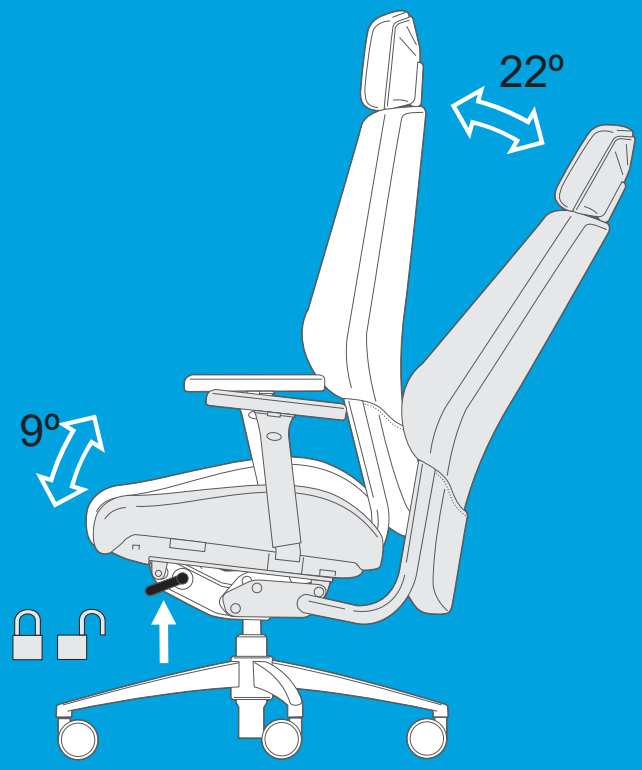


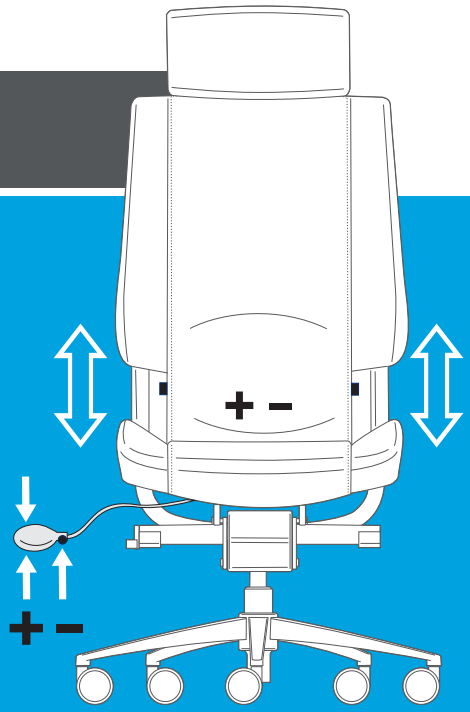


The **TECNO** mechanism is certified by **SATRA Technology Centre** to BS 5459-2:2000+A2:2008 (24H).

SATRA TECHNOLOGY CENTRE

Synchronized movement of seat and backrest at a ratio of 9° / 22° with 5 locking positions.





Lumbar support

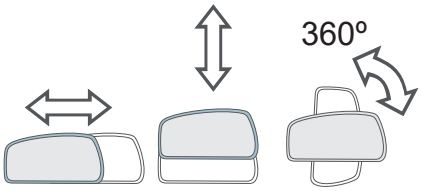
It has a lumbar support adjustable in height and depth, by means of a vertical slider and by means of a pneumatic mechanism adjustable in volume to adapt the support to the anthropometric characteristics and preferences of the user. Made of injected polypropylene.

Armrests

Composed of an aluminum structure and an adjustment mechanism made of polyamide with 30% fiberglass and a polyurethane overarm.

4D adjustable arms:

- Height.
- Width.
- Depth.
- 360º rotation.



Headrest

The headrest is adjustable in height and double swivel, which allows it to be adjusted in height, depth and swivel.

It is composed of an injected polypropylene inner support containing a 5mm steel plate.

The head support is made of medium density polyurethane.

Lifting column, base and wheels

Elevation column with anti-shock absorber for the chair with synchro mechanism that, through an additional spring, manages to eliminate the impact that occurs on the spine when the user sits abruptly on the seat.

Flat base that allows the feet to rest on the base in a comfortable way.

Soft rolling wheels 65mm in diameter.

Finishings

08

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Tolerable variations may occur between tintings.

076	017	079	084
077	159	011	045
004	082	021	100
108	081	086	009

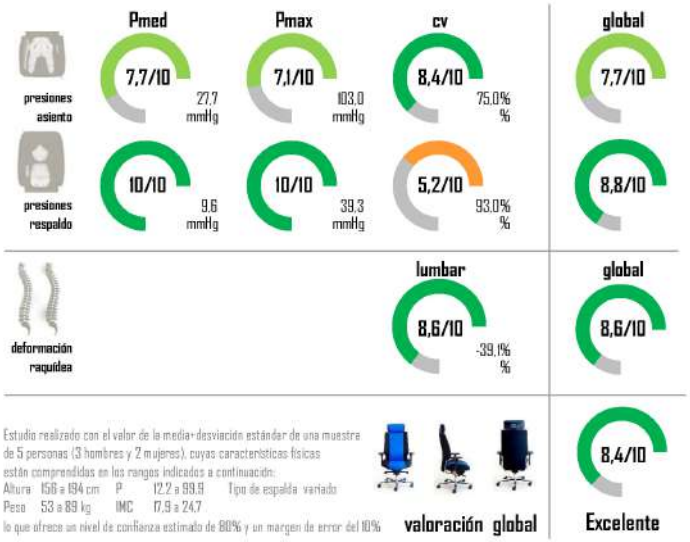
- Composition: 100% Xtreme FR. Non-metallic dyes
- Dye fastness to light:: 6 (UNE En ISO 105-B02)
- Abrasion resistance: > 100.000 cycles (UNE EN ISO 12947/2
- Reaction to fire:

  BS EN 1021/1-2)
  BS 7176 low Hazard; BS 5852 Section 4 Ignition source 5
  BS NF P 21-503 MI

Ergonomics

The **Advance NEXT** model has obtained a Biometric Quality certification with a rating of **Excellent** from the **UMANA Biomechanical Analysis Center.**

Presentación desglosada de la valoración de los parámetros biomecánicos



Certificates

The NEXT chair is certified by the FCBA Institut Technologique with tests corresponding to the following standards:

- UNE-EN 1335-1:2001.
- UNE-EN 1335-2:2009.
- UNE-EN 1335-3:2009.

The NEXT chair mechanism is certified by **SATRA Technology Centre** BS 5459-2:2000 +A2:2008. Specification for performance requirements and testing for office furniture.
Seating for use by persons weighing more than 150 kg and for use up to 24 hours a day, including type approval testing for individual components.

The NEXT armchair is certified by the Italian accreditation Italian accreditation body: **ACCREDIA** with
the tests corresponding to the standard:
ANSI/BIFMA X5.1:2011.

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European Quality