



TECHNICAL DATASHEET - ADAPTA

Characteristics:

The Adapta is active ergonomics: a backrest that adapts to the natural curve of your back, helping to maintain a healthy posture. It is capable of taking hundreds of different positions, including a negative angle on the seat. Intelligent service for the demanding user.

Summary of swivel base chair materials:

Backrest: The backrest exterior is made from 100% recyclable polypropylene plastic injection, and is black colour. The backrest is made from high-density (hard) (25 kg/m³) flexible polyurethane foam. Height is adjustable.

Seat: The seat exterior is made from 100% recyclable plastic injection polypropylene. It is black in colour. The interior is beech plywood with high-density (hard) (30 kg/m³) flexible polyurethane foam.

Mechanism: Asynchron mechanism system/Permanent contact.

Arms (Optional): (BR01) Fixed, nylon injection / (BR02) 100% recyclable plastic injection polypropylene, black in colour. Adjustable in height / (BR03) 3D multi-position, in black injected polypropylene. Armrest in black injected polyurethane / (BR04) 4D, in black injected polypropylene. Armrest in polyurethane / (BR06) Adjustable in height, in black injected polypropylene. Armrest in polyamide.

Gas lift: Lifting by means of a chromed or black gas column, according to the base.

Base: Polished aluminium, 70 cm in diameter or nylon, 62 cm in diameter.

Wheels: Double rubber Desmopan wheels, 65 mm in diameter with chrome wheel trims, or black depending on base. Optional: Chromed steel or black nylon non-slip gliders.

Summary of materials - white revolving base model:

Backrest/Seat: Identical to swivel base chair in white polypropylene.

Mechanism: Permanent contact.

Arms (Optional): (BR05) Adjustable in height, in white injected polypropylene. Armrest in polyamide.

Gas lift: Chromed gas lift.

Base: Polished aluminium, 70 cm.

Wheels: Double rubber Desmopan wheels, 65 mm in diameter with chrome wheel trim. Optional: Chromed steel non-slip gliders.

Summary of materials for stool:

Backrest/Seat/Mechanism/Arms (Optional)/Base: Same as swivel base model.

Gas lift column: Chromed or black gas lift column, with chromed steel or nylon footrest, depending on base, adjustable in height.

Wheels: Chromed steel or black nylon non-slip swivels, depending on base.

Optional: Double rubber Desmopan wheels, 50 mm diameter, with black wheel cover.

Summary of materials - 4-legged chairs:

Backrest/Seat: Identical to revolving base.

Arms (Optional): Fixed, nylon injection.

Legs: Round steel tube, 20 mm in diameter, painted in grey epoxy. Nylon non-slip gliders.



Summary of materials - cantilever:

Backrest/Seat: Same as revolving model.

Frame: Square steel tube, 15 mm per side, chromed or painted in grey epoxy, with fixed arms/round steel tube, 25 mm in diameter, chromed or painted in grey epoxy, with optional fixed nylon arms.

Summary of upholstery:

Fabric: See upholstery sheet.

Material bonded with solvent free, water-based adhesive (polychloroprene base polymer resins).

List of certificates and standards:

UNE EN 1335/01, parte 2

UNE 23724

EN 1335/2

ANSI-BIFMA X5.1-1993/15

ANSI-BIFMA X5.1-2011/7

UNE EN 1335/01, parte 5

EN ISO 845

ANSI-BIFMA X5.1-2002/16

EN 1335-3/00 parte 9.1

ANSI-BIFMA X5.1-1993/18

UNE 23727/90

BS 5852/10

ANSI-BIFMA X5.1-1993/14

EN 1335-3/00 parte 9.2

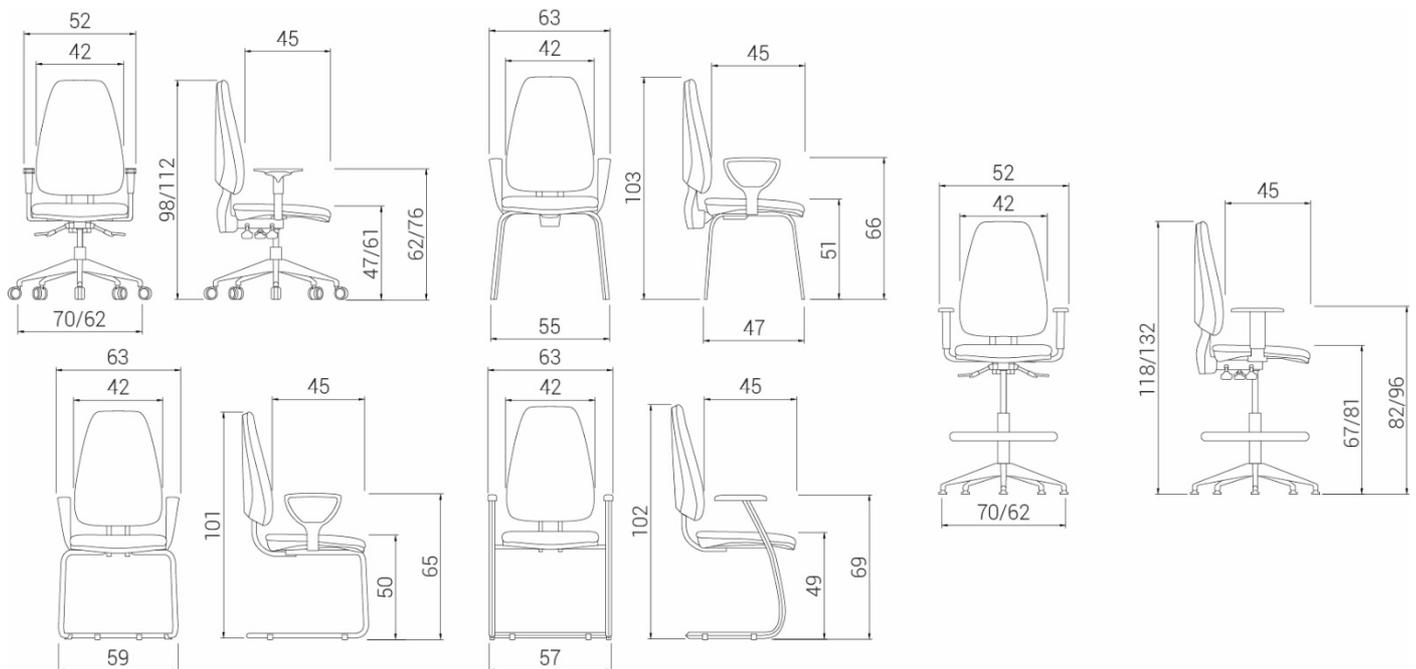
ANSI-BIFMA X5.1-2011/17

UNE 23721/90

MQ cert. 07-175

UNI 9084/02

Dimensions:





TECHNICAL DATA DESCRIPTION

SWIVEL BASE

The revolving base model has passed the following tests:

UNE EN 1335/01, part 2 Safety Requirements.
 UNE EN 1335/01, part 5 Stability Test.

Backrest:

Backrest exterior is made from 100% recyclable plastic injection polypropylene, black in colour. Optional fireproof treatment (UNE 23727/90 / UNE 23721/90 / UNE 23724). Backrest is made from high-density (hard) (25 kg/m³) (ISO 845 / BS 5852/10) flexible polyurethane foam.



Seat:

Seat exterior is made from 100% recyclable plastic injection polypropylene, black in colour. Optional fireproof treatment (UNE 23727/90 / UNE 23721/90 / UNE 23724). Interior is of beech plywood (MQ cert. 07-175) and high-density (hard) (30 kg/m³) ISO 845 / BS 5852/10) flexible polyurethane foam.

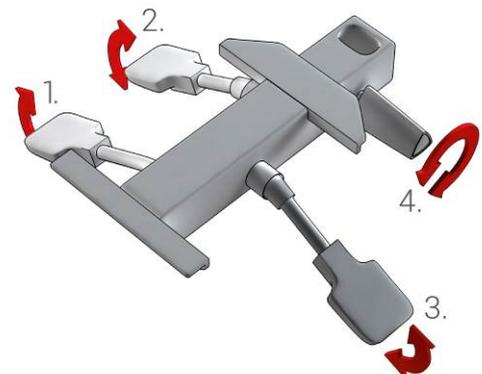


Mechanisms:

- **Asynchron mechanism system (EN 1335/2):**

The mechanism executes a synchronized tilting movement of the seat and backrest about the central axis of the chair but this is done independently on non-single shell models. That is, the degree of back and seat tilt can be adjusted separately.

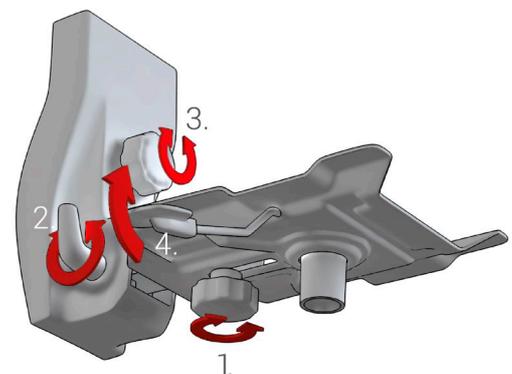
1. Gas lift.
2. Backrest tilt adjustment is lockable in all positions.
3. Seat tilt adjustment is lockable in all positions.
4. Knob adjustment for backrest height.



- **Permanent Contact (ANSI-BIFMA X5.1-2002/16):**

Allows adjustment of backrest tilt. Additionally, when the mechanism is released, thanks to the pressure regulating system, the hardness of movement can be adjusted.

1. Screw to permit adjustment of backrest spacing.
2. Adjustment of backrest tilt.
3. Screw to adjust backrest height.
4. Gas lift.





Arms (Optional):

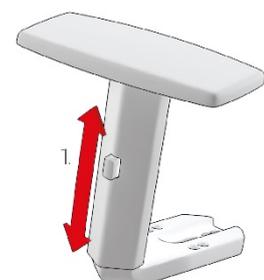
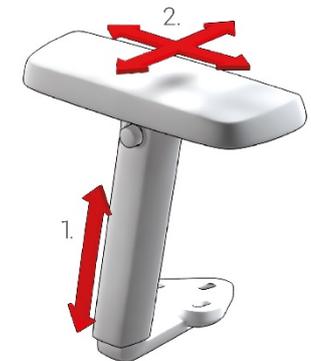
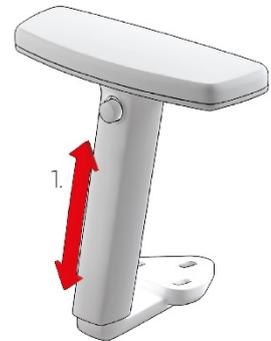
- BR01 : Fixed nylon injection.

- BR02: Adjustable in height, in black injected polypropylene. Armrest in black injected polyurethane.
 1. 11 cm height adjustment, with 10 locking positions.

- BR03: 3D, in black injected polypropylene. Armrest in black injected polyurethane.
 1. 11 cm height adjustment, with 10 locking positions.
 2. Multi-position adjustment of the armrest. It has a displacement of 19 cm forward and backward, and 6 cm laterally, being able to adopt any position between these measurements.

- BR04: 4D, in black injected polypropylene. Armrest in polyurethane.
 1. 7 cm height adjustment, with 6 locking positions.
 2. Regulation of the depth of the armrest, 3 cm in each direction.
 3. Armrest rotation, 30° maximum in each direction.
 4. Regulation of the width between armrests, up to 3 cm on each side.

- BR06: Adjustable in height, in black injected polypropylene. Armrest in polyamide.
 1. 8 cm height adjustment, with 9 locking positions.





Gas Lift:

Gas lift column (UNI 9084/02) is black or chromed, 12 to 15 microns in thickness, according to the base.



Bases:

- Polished aluminium base, 70 cm in diameter, exceeding the static resistance test requirements (ANSI-BIFMA X5.1-2011/7). Accompanies chromed arms, chromed gas column, and wheels with chrome trim.
- Nylon base, 62 cm diameter exceeding the static resistance test (ANSI-BIFMA X5.1-2011/7) requirements. Accompanies black painted arms, black gas column structure and nylon wheels.



Wheels:

- Double rubber Desmopán wheels, 65 mm in diameter with chrome wheel trim. Accompanies polished aluminium base. The wheels have passed the following tests:
ANSI-BIFMA X5.1-1993/18 Travel resistance.
- Double rubber Desmopán wheels, 65 mm in diameter. Accompanies black nylon base. The wheels have passed the following tests:
ANSI-BIFMA X5.1-2011/17 Travel resistance.
- Optional: Chromed-steel or black nylon non-slip gliders.



WHITE SWIVEL BASE MODEL

The revolving base model chair has passed the following tests:

UNE EN 1335/01, part 2 Safety Requirements.
UNE EN 1335/01, part 5 Stability Tests.

Backrest:

The backrest exterior is made of 100% recyclable, white plastic injection polypropylene. Optional fireproof treatment (UNE 23727/90 / UNE 23721/90 / UNE 23724). Backrest is made from high-density (hard) of (25 kg/m³) (ISO 845 / BS 5852/10) flexible polyurethane foam.





Seat:

Seat exterior is made from 100% recyclable, white plastic injection polypropylene. Optional fireproof treatment (UNE 23727/90 / UNE 23721/90 / UNE 23724). Interior is made of beech plywood (MQ cert. 07-175) and high-density (hard) (30 kg/m³) (ISO 845 / BS 5852/10) flexible polyurethane foam.

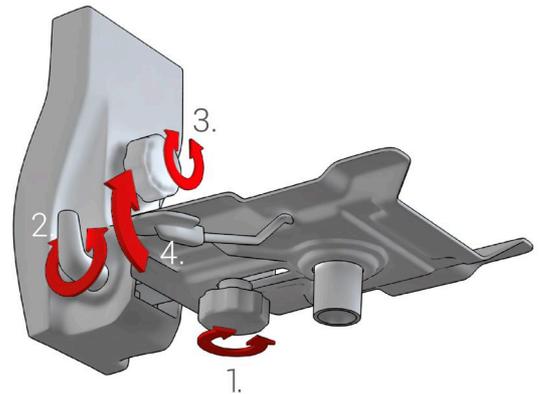


Mechanism:

Permanent contact (ANSI-BIFMA X5.1-2002/16):

This allows the backrest tilt to be adjusted. Additionally, when the mechanism is released, thanks to the pressure regulation system, the hardness of the movement can be adjusted.

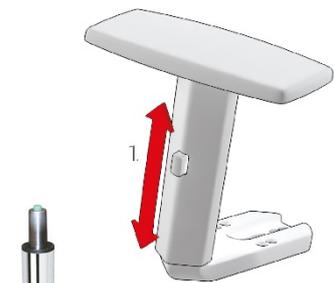
1. Screw to allow backrest spacing.
2. Adjustment of backrest tilt.
3. Screw to adjust backrest height.
4. Gas lift.



Arms (Optional):

BR05: Adjustable in height, in white injected polypropylene. Armrest in polyamide.

1. 8 cm height adjustment, with 9 locking positions.



Gas Lift:

Gas Lift (UNI 9084/02) chromed to 12 to 15 microns thickness.



Base:

Polished aluminium, 70 cm in diameter, has passed the Static Resistance Test ANSI-BIFMA X5.1-2011/7.



Wheels:

- Double rubber Desmopán wheels, 65 mm in diameter with chrome trim. The wheels have passed the following tests:
ANSI-BIFMA X5.1-1993/18 Travel Resistance.
- Optional: Chromed steel non-slip gliders.





STOOL

Backrest:

Backrest exterior is made from 100% recyclable plastic injection polypropylene, black in colour. Optional fireproof treatment (UNE 23727/90 / UNE 23721/90 / UNE 23724). Backrest is made from high-density (hard) (25 kg/m³) (ISO 845 / BS 5852/10) flexible polyurethane foam.



Seat:

Seat exterior is made from 100% recyclable plastic injection polypropylene, black in colour. Optional fireproof treatment (UNE 23727/90 / UNE 23721/90 / UNE 23724). Interior is of beech plywood (MQ cert. 07-175) and high-density (hard) (30 kg/m³) ISO 845 / BS 5852/10) flexible polyurethane foam.

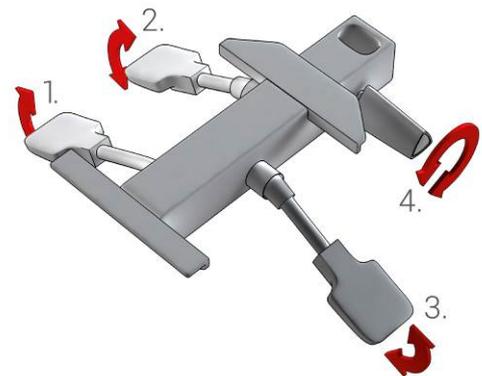


Mechanisms:

- **Asynchron mechanism system (EN 1335/2):**

The mechanism executes a synchronized tilting movement of the seat and backrest about the central axis of the chair but this is done independently on non-single shell models. That is, the degree of back and seat tilt can be adjusted separately.

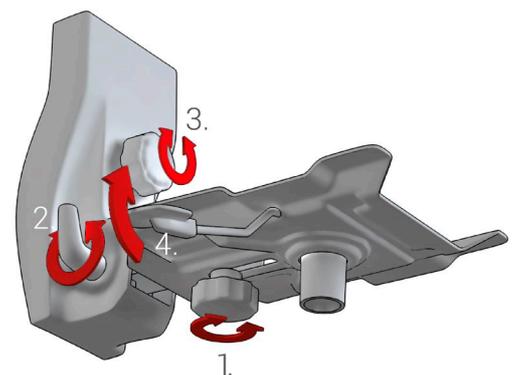
1. Gas lift.
2. Backrest tilt adjustment is lockable in all positions.
3. Seat tilt adjustment is lockable in all positions.
4. Knob adjustment for backrest height.



- **Permanent Contact (ANSI-BIFMA X5.1-2002/16):**

Allows adjustment of backrest tilt. Additionally, when the mechanism is released, thanks to the pressure regulating system, the hardness of movement can be adjusted.

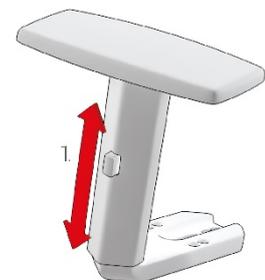
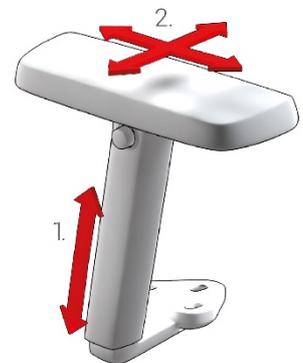
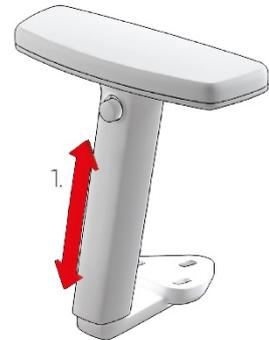
1. Screw to permit adjustment of backrest spacing.
2. Adjustment of backrest tilt.
3. Screw to adjust backrest height.
4. Gas lift.





Arms (Optional):

- BR01 : Fixed nylon injection.
- BR02: Adjustable in height, in black injected polypropylene. Armrest in black injected polyurethane.
 1. 11 cm height adjustment, with 10 locking positions.
- BR03: 3D, in black injected polypropylene. Armrest in black injected polyurethane.
 1. 11 cm height adjustment, with 10 locking positions.
 2. Multi-position adjustment of the armrest. It has a displacement of 19 cm forward and backward, and 6 cm laterally, being able to adopt any position between these measurements.
- BR04: 4D, in black injected polypropylene. Armrest in polyurethane.
 1. 7 cm height adjustment, with 6 locking positions.
 2. Regulation of the depth of the armrest, 3 cm in each direction.
 3. Armrest rotation, 30° maximum in each direction.
 4. Regulation of the width between armrests, up to 3 cm on each side.
- BR06: Adjustable in height, in black injected polypropylene. Armrest in polyamide.
 1. 8 cm height adjustment, with 9 locking positions.





Gas lift:

Gas lift column (UNI 9084/02) is chromed, 12 to 15 microns, or black, with chromed steel, 12 to 15 microns, or nylon footrest, depending on base, adjustable in height.

Bases:

- Polished aluminium base, 70 cm in diameter, exceeding the static resistance test requirements (ANSI-BIFMA X5.1-2011/7). Accompanies chromed arms, chromed gas column, and wheels with chrome trim.
- Nylon base, 62 cm diameter exceeding the static resistance test (ANSI-BIFMA X5.1-2011/7) requirements. Accompanies black painted arms, black gas column structure and nylon wheels.



Wheels:

- Double rubber Desmopán wheels, 65 mm in diameter with chrome wheel trim. Accompanies polished aluminium base. The wheels have passed the following tests:
ANSI-BIFMA X5.1-1993/18 Travel resistance.
- Double rubber Desmopán wheels, 65 mm in diameter. Accompanies black nylon base. The wheels have passed the following tests:
ANSI-BIFMA X5.1-2011/17 Travel resistance.
- Optional: Chromed-steel or black nylon non-slip gliders.



4-LEGGED CHAIR

Backrest:

Backrest exterior is made from 100% recyclable, plastic injection polypropylene, and is black in colour. Optional fireproof treatment (UNE 23727/90/UNE 23721/90/UNE 23724). Backrest is made from high-density (hard) (25 kg/m³) (ISO 845 / BS 5852/10) flexible polyurethane foam.





Seat:

The seat exterior is made from 100% recyclable, plastic injection polypropylene, and is black in colour. Optional fireproof treatment (UNE 23727/90 / UNE 23721/90 / UNE 23724). The interior is made from beech plywood (MQ cert. 07-175) and high-density (hard) (30 kg/m³) (ISO 845 / BS 5852/10) flexible polyurethane foam.



Arms (Optional):

Fixed nylon injection.



Legs:

Round steel tube, of 20 mm diameter and 1.5 mm thickness, painted in black epoxy (RAL 9005). Nylon non-slip gliders.



CANTILEVER

Backrest:

Backrest exterior is made from 100% recyclable plastic injection polypropylene, and is black in colour. Optional fireproof treatment (UNE 23727/90 / UNE 23721/90 / UNE 23724). Backrest is made from high-density (hard) (25 kg/m³) (ISO 845 / BS 5852/10) flexible polyurethane foam.



Seat:

The seat exterior is made from 100% recyclable plastic injection polypropylene, and is black in colour. Optional fireproof treatment (UNE 23727/90 / UNE 23721/90 / UNE 23724). The seat interior is made from beech plywood (MQ cert. 07-175) and high-density (hard) (30 kg/m³) (ISO 845 / BS 5852/10) flexible polyurethane foam.





Frame:

- Square section steel tube, each side 15 mm, 1.5 mm thick, chromed to 12 to 15 microns thickness and painted in grey epoxy (RAL 9006). Fixed polyurethane arms.



- Round steel tube, 25 mm in diameter and 2 mm thick, chromed to 12 to 15 microns thickness, painted in black epoxy (RAL 9005).



Arms:

BR01: Fixed, nylon injection, only for round steel tube frame.

