

# EFIT

— By Alegre Design —



## 1 AUTO-WEIGHT SYNCHRO CONTROL

Synchro mechanism auto-weight control, it adapts automatically to the user's weight. In order to adjust manually and adapt the tension to each user's requirement there is a knob underneath of the seat **(A)**.

**EFIT** includes 4 back tilt positions offering tilting angles from 0° when chair is on up-right blocked position up to 30°. To adjust and select the tilt angle of the back just pull out the handle underneath of the seat **(B)**.



Tension Control Knob



4 Back tilt positions control

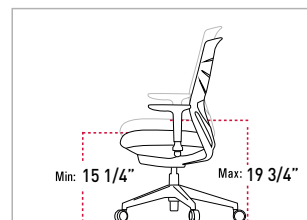
## 2 AIR COMFORT SYSTEM

The seat has been designed with air chambers, to improve comfort, flexibility and the distribution of pressure for any user.



## 3 SEAT HEIGHT ADJUSTMENT

The seat height is adjusted using a gas-lift by lifting up the knob under the seat **(C)**. (Lowest seat height: 15 1/4" / Maximum seat height: 19 3/4").



seat height



Gas lift - Syncro Model



Gas lift - Gas lift Model

## 4 SEAT SLIDE (TRASLA)

Ideal feature to adjust the distance between the seat and the back adapting the chair to different user anthropometrics.

Pull out the lever **(D)** and fix it back in **7 different positions**. The system includes a self-return mechanism to return the seat to the initial position when standing up by pulling the lever.

(total sliding distance = 2 3/4" / Each position offers 10 mm adjustment).



7 different positions. Depth adjustment with self-return mechanism



Sliding seat lever

## 5 ADAPTATIVE LUMBAR

EFIT incorporates an adaptative **lumbar section (E)** integrated in the backrest adapting to user's back's shape.



Flexible integrated lumbar support.

## 7 ADJUSTABLE ARMREST

EFIT has 2 different arm options: aluminium or PP.

**Height adjustment:** adjustable using the knob under the arm-rest (**F**), it offers 7 height positions.

**Distance between arms:** Width adjustment using the handle under the seat (**G**), each arm can be adjusted 1", so maximum total adjustment is 5 cm.

**360° Swivel arm system (Anti-panic):** Only available with the aluminium arm option, 360° Swivel armrest movement allowing horizontal rotation of arm rests. Incorporation of a panic trigger in the aluminum arms (**H**).

### POLYPROPYLENE

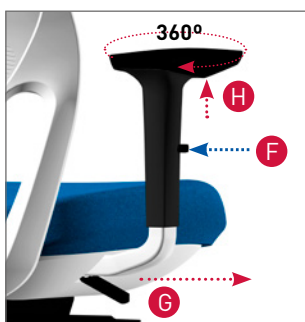


Height adjustable arm

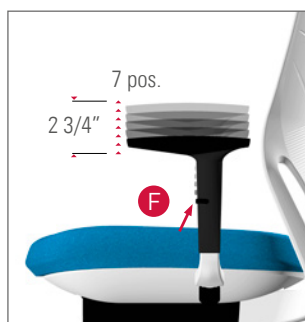


Distance between arms

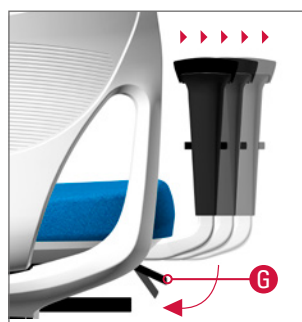
### ALUMINIUM ARM / POLYPROPYLENE



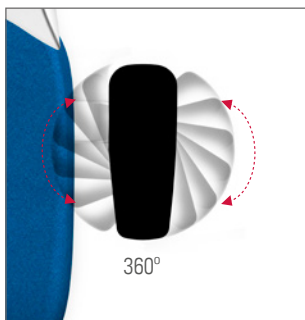
360° Swivel arm movement



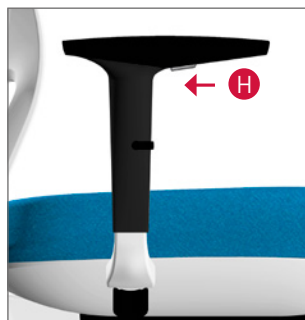
Height adjustable arm



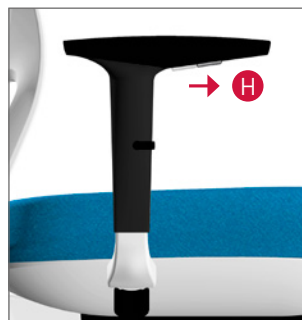
Distance between arms



360° Swivel arm movement



LOCKED - without movement  
(Only in positions 0° and 180°)



UNLOCKED - with movement

## 8 CASTORS AND GLIDES

### POLYAMIDE BASE

Polyamide (PA) Arms

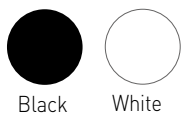


### ALUMINIUM BASE

Polyamide (PA) Arms  
Aluminium Arms



#### POLYAMIDE BASE FINISHES



Black

White

#### ALUMINIUM BASE FINISHES



White

Black

Polished

### STANDARD CASTORS

All chairs include as standard soft castors with Teflon band which allows an easy and light movement of the chair.



#### STANDARD CASTORS

- Silent teflon band.
- Black finish.
- 65mm diameter
- No self-locking.

### OPTIONAL CASTORS

Self-Locking castors are popular as they are in line with most of the security restrictions required on projects. They avoid accidental movement of the chair and they only have a small disadvantage as the chairs is not easy to slide when no weight is on it. While sat on the chair, the chair moves easily with no resistance.



#### AUTO-BREAKING CASTORS

This system provides security as it avoids accidental movement of the chair. While sat on the chair, it moves easily.



#### ANTISTATIC CASTORS



#### AUTO-BREAKING HOLE CASTORS

This system provides security as it avoids accidental movement of the chair. While sat on the chair, it moves easily.

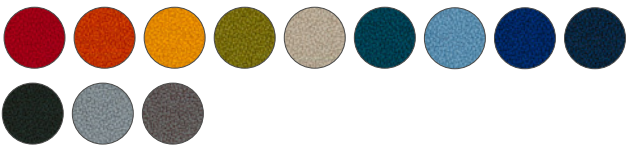
It includes a system to unlock the breaking system to use these castors just as an aesthetic option.



#### POLYPROPYLENE GLIDES

■ BACKREST AND SEAT

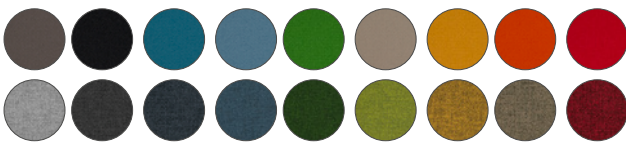
Fabric T - Newport



Fabric D - Felicity



Fabric M - Melang & Step





## DESCRIPTION

- ① Backrest, PP with glass fibre (PP + 30% G.F.) frame. It also incorporates several splines for better back breathing. Flexible moulded polyurethane foam, upholstered with different fabrics. 2 backrest models: High backrest and Standard Backrest
- ② Adaptative lumbar support
- ③ **2D Adjustable arms:** Height and width adjustment. Available in PP structure.  
**3D Adjustable arms:** Height and width adjustment. 360° Swivel armrest movement. Available in aluminium or polypropylene structure.
- ④ Seat with **ACS technology (airflow comfort system)**. Made of PU (polyurethane) flexible moulded foam (density 55-60 kg/m³). Upholstered seat available in a wide range of fabrics.
- ⑤ Gas lift
- ⑥ Auto-weight synchro control mechanism. 4 back tilt positions
- ⑦ Seat slide (Trasla)
- ⑧ 5 star base. Die cast aluminium or polyamide base with glass fibre
- ⑨ Several castors or caps available

## BACKREST AND SEAT

(PLEASE SEE FINISHES AND FABRIC ON THE PREVIOUS PAGE)

## BASES AND CASTORS



Polyamide - Ø 26 1/2"  
Silent black castor - Ø 2 1/2"  
FINISHES  
Black and White



Aluminum injection - Ø 26 1/2"  
Silent black castor - Ø 2 1/2"  
FINISHES  
White, Black and Polished.

## OPTIONAL ACCESSORIES



AUTO-BRAKING  
CASTORS



AUTO-BRAKING  
HOLE CASTORS



ANTISTATIC  
CASTORS



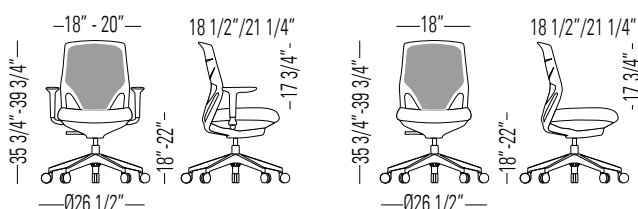
POLYPROPYLENE  
GLIDES



## DIMENSIONS

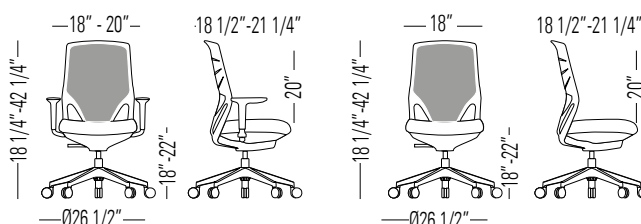
### Standard Backrest

Total height: from 35 3/4" to 39 3/4"    Seat height: from 18" to 22"  
Total width: 18" to 27 1/4"    Seat width: 18" to 20"  
Total depth: 26 1/2"    Seat depth: from 18 1/2" to 21 1/4"



### High backrest

Total height: from 18 1/4" to 42 1/4"    Seat height: from 18" to 22"  
Total width: 26 1/2" to 27 1/4"    Seat width: 18" to 20"  
Total depth: 26 1/2"    Seat depth: from 18 1/2" to 21 1/4"



## DESCRIPTION

- ① Backrest, PP with glass fibre (PP + 30% G.F.) frame. It also incorporates several splines for better back breathing.  
2 backrest models: High backrest and Standard Backrest
- ② Adaptative lumbar support
- ③ **2D Adjustable arms:** Height and width adjustment. Available in polyamide structure.  
**3D Adjustable arms:** Height and width adjustment. 360° Swivel armrest movement. Available in aluminium or polypropylene structure.
- ④ Seat with **ACS technology (airflow comfort system)**. Made of PU (polyurethane) flexible moulded foam (density 55-60 kg/m<sup>3</sup>). Upholstered seat available in a wide range of fabrics.
- ⑤ Gas lift
- ⑥ Auto-weight synchro control mechanism. 4 back tilt positions
- ⑦ Seat slide (Trasla)
- ⑧ 5 star base. Die cast aluminium or polyamide base with glass fibre
- ⑨ Serveral castors or caps available

## BACKREST AND SEAT

(PLEASE SEE FINISHES AND FABRIC ON THE PREVIOUS PAGE)

## BASES AND CASTORS



Polyamide - Ø 26 1/2"  
Silent black castor - Ø 2 1/2"  
FINISHES  
Black and White



Aluminum injection - Ø 26 1/2"  
Silent black castor - Ø 2 1/2"  
FINISHES  
White, Black and Polished.



## OPTIONAL ACCESSORIES



AUTO-BRAKING  
CASTORS



AUTO-BRAKING  
HOLE CASTORS



ANTISTATIC  
CASTORS

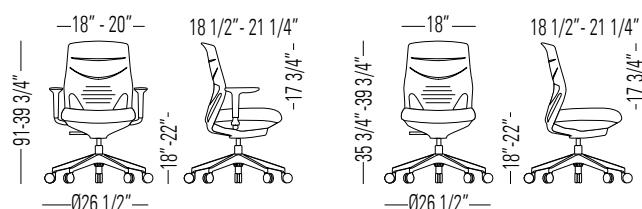


POLYPROPYLENE  
GLIDES

## DIMENSIONS

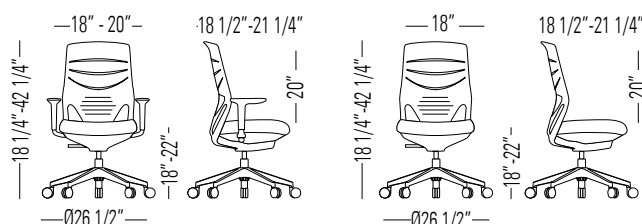
### Standard Backrest

Total height: from 35 3/4" to 39 3/4"    Seat height: from 18" to 22"  
Total width: 26 1/2" to 27 1/4"    Seat width: 18" to 20"  
Total depth: 26 1/2"    Seat depth: from 18 1/2" to 21 1/4"



### High backrest

Total height: from 18 1/4" to 42 1/4"    Seat height: from 18" to 22"  
Total width: 26 1/2" to 27 1/4"    Seat width: 18" to 20"  
Total depth: 26 1/2"    Seat depth: from 18 1/2" to 21 1/4"



## DESCRIPTION

- 1 Backrest, PP with glass fibre (PP + 30% G.F.) frame. It also incorporates several splines for better back breathing.  
Model with low backrest
- 2 Adaptative lumbar support
- 3 **2D Adjustable arms:** Height and width adjustment. Available in polyamide structure.  
**3D Adjustable arms:** Height and width adjustment. 360° Swivel armrest movement. Available in aluminium or polypropylene structure.
- 4 Seat with **ACS technology (Air Comfort System)**. Made of PU (polyurethane) flexible moulded foam (density 55-60 kg/m³). Upholstered seat available in a wide range of fabrics.
- 5 Gas lift
- 6 Auto-weight synchro control mechanism. 4 back tilt positions
- 7 Seat slide (Trasla)
- 8 Chromed steel footrest - Ø19 3/4" Curved tube Ø 3/4", 1/4" thickness
- 9 5 star base. Die cast aluminium or polyamide base with glass fibre
- 10 Several castors or caps available

## BACKREST AND SEAT

(PLEASE SEE FINISHES AND FABRIC ON THE PREVIOUS PAGE)

## BASES AND CASTORS



Polyamide - Ø 26 1/2"  
Silent black castor - Ø 2 1/2"  
FINISHES  
Black and White



Aluminum injection - Ø 26 1/2"  
Silent black castor - Ø 2 1/2"  
FINISHES  
White, Black and Polished.



## OPTIONAL ACCESSORIES



AUTO-BRAKING  
CASTORS



INVERTED AUTO-  
BREAK CASTORS



AUTO-BRAKING  
HOLE CASTORS



ANTISTATIC  
CASTORS



POLYPROPYLENE  
GLIDES

## DIMENSIONS

**Total height:** from 50" to 48 1/4"

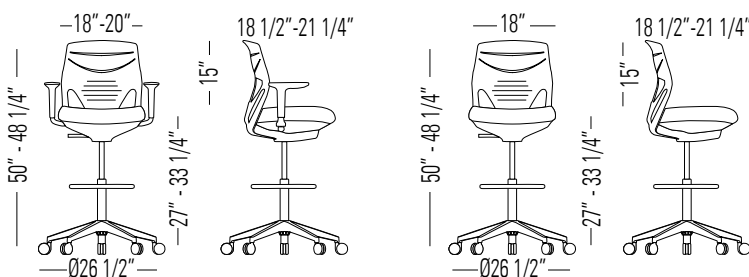
**Total width:** 26 1/2"

**Total depth:** 26 1/2"

**Seat height:** from 27" to 33 1/4"

**Seat width:** from 18" to 20"

**Seat depth:** from 18 1/2" to 21 1/4"

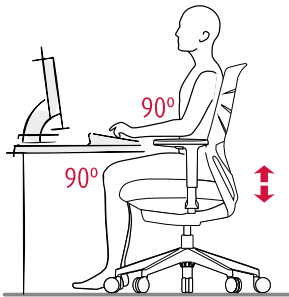




## 1 A correct posture at work to avoid physical problems

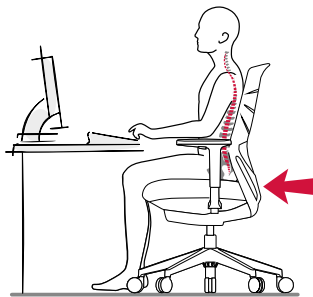
### Seat adjustment.

Forearms must be parallel to the desk top as in a right angle with the rest of the arm. Both feet must be lean on the floor and knees must be in right angle too.



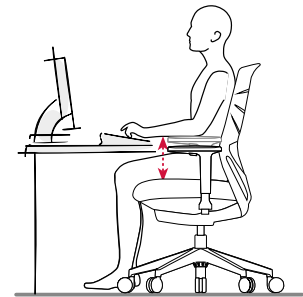
### Adaptative Lumbar

EFIT incorporates an adaptative lumbar section integrated in the backrest adapting to user's back's shape.



### Adjustable arms (7 positions)

Place the chair arms in the lower position to get better mobility. For statics works, adjust height and distance to that point where the forearms perfectly lean.



## 2 Different ergonomics conditions and specific movements for each task

It is necessary to alternate daily dynamic and static tasks.

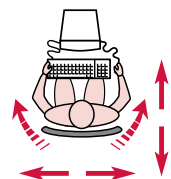
### Dynamic tasks.

Document manipulation, communication and so on...Select positions 2,3 or 4 on the back tilt adjustment knob. Put the arms in the lowest position.

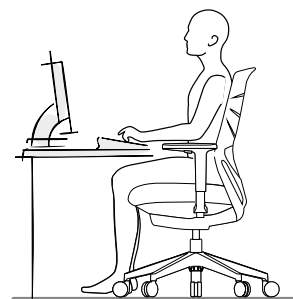
### Torsion.

Flexible back. Movements go naturally with the user action.

### Dynamic tasks.



### Torsion.



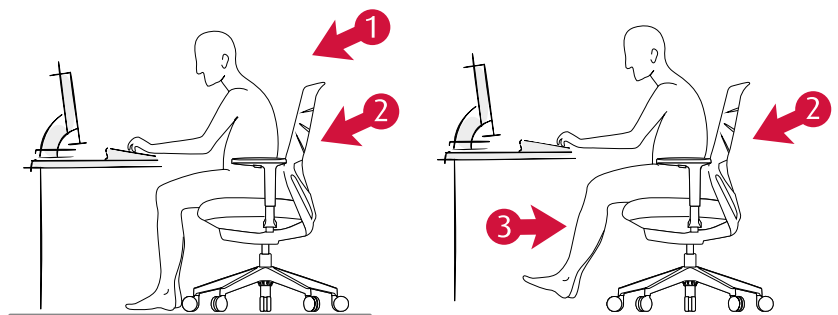
### Static work

Document analysis and writing, intensive computer work... Select position 1 on the back tilt adjustment knob. Put the arms in the lowest position.

## 3 Incorrect Postures

### Key points.

1. A lower position from the desk produces neck pain.
2. An incorrect back support may produce back problems.
3. Legs too stretched or too vended may cause over-stressed body joints.





## MATERIALS

Maximum use of materials to eliminate and minimize scraps. Use of recyclable and recycled materials in those components that do not affect the functionality and durability.

**34,87%**  
RECYCLED  
MATERIALS



## PRODUCTION

Maximum optimization of energy use. Minimal environmental impact. Last generation technological systems. Zero discharge of wastewater. No VOC coatings. Processes free of heavy metals, phosphates, OC and COD.

**100%**  
RECYCLABLE  
ALUMINIUM, STEEL  
& WOOD



## TRANSPORT

Detachable systems. Volumes that facilitate the optimization of space. Maximum reduction of energy consumption by transport.

**100%**  
RECYCLABLE  
PACKAGE AND THINNER  
FREE



## USE

Quality and warranty. Long lasting. Replacements available.

**EASY**  
TO CLEAN  
AND MAINTAIN



## DISPOSAL

Waste reduction. Supplier-manufacturer packaging reuse system. Components are easy to be separated. Inks in packaging are water-based, without solvents.

**84,31%**  
RECYCLABLE  
MATERIALS

## CERTIFICATES AND REFERENCES

The different programmes get points in different environmental categories to get the LEED certificate (sustainability, material and resources, water, energy and atmosphere, inner environment quality, innovation and design).



The mark of  
responsible forestry



PEFC Certificate



EN ISO 14006:2011  
ECODESIGN Certificate



UNE-EN ISO 9001:2008  
ISO 9001 Certificate



UNE-EN ISO 14001:2004  
ISO 14001 Certificate



E1 Certificate  
by EN 13986



ACTIU TECHNOLOGY PARK  
LEED® PLATINUM certified by USGBC  
Leadership in Energy & Environmental Design  
LEED® Gold certified 2011 - LEED® Platinum certified 2017

## STANDARDS

EFIT has passed tests done in our technical department as well as the tests done in **AIDIMA** the Technological Institute for furniture. The tests correspond to:

### Office chairs, Standard from 2009

- **UNE-EN 1335-1:01.** Office furniture. Office chair. Part 1: About dimensions
- **UNE-EN 1335-2:09.** Office furniture. Office chair. Part 2: Security requirements
- **UNE-EN 1335-3:09.** Office furniture. Office chair. Part 3: Security tests.