MIT

- Code: FTS 1007 030
- Description: Operative chair, general use

mit...
more confort

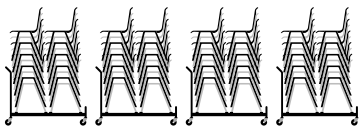
Made with flexible polyurethane. MORE RESISTANT, MORE ELASTIC, MORE COMFORTABLE. A product developed from an internal aluminium injected frame in order to become the lightest on the market.

Vertical Stacking. Easy access.

Now
more light
6,7 Kg.

+ precision

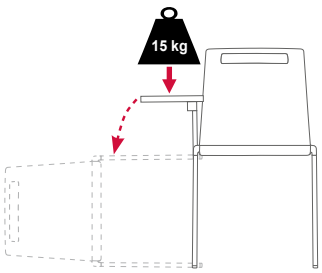
1 Trolley = 20 Uds.



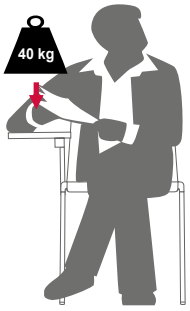
40 Uds. = 1 m²
80 Uds. = 2 m²
160 Uds. = 4 m²

100%
Recyclable

4 Legged chair with writing tablet



With weight more than 15 kg. **Without a seated user,** the chair overturns.



With a seated user, maximum resistance of writing tablet 40 kg.

DESCRIPTION

PU integral (polyurethane) **Back and Seat** in different finishes, moulded over internal injected aluminium skeleton. **Seat** has also a spring to provide comfort. Different **Arm** choices: silver aluminium, moulded **PU** over 20 x 10 mm steel plaque **(check different accessories).** Extruded aluminium **frame** of 28 x 22 x 5 mm. Available in different finishes: **aluminized, black or white**. Polypropylene caps with anti-skid pad the Polyethylene **(PE)**. Black finish. **Optional** writing tablet or compact laminate 13 mm thickness. It is possible to pile chairs. Writing tablet can be fixed right or left hand side.

BACK AND SEAT

(see finishes and fabric card)

ACCESSORIES

PU arm with steel plaque
20 x 10 mm thickness

Moulded aluminium arm
20 x 10 mm thickness

Optional Hook on basket Ø 5 mm thickness with supports Ø 7 mm thickness. **Aluminum finish**

Optional writing tablet, compact laminate 13 mm white and MFC silver 16 mm thickness. It could be fixed to the right or left hand side

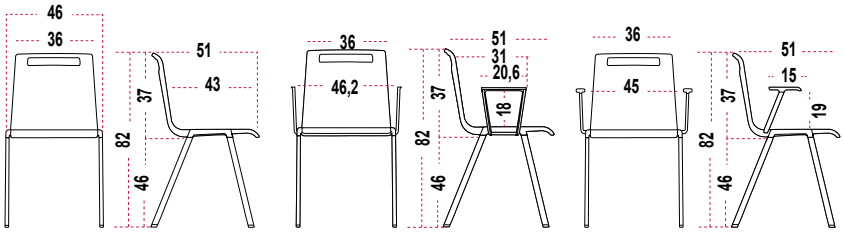
1. **PU** integral back and seat
2. Internal skeleton, injected aluminium
3. Different arm choices **(check accesories)**
4. Aluminium frame seat with springs
5. Extruded aluminium frame of 28 x 22 x 5 mm in finishes: **aluminium, white or black**
6. Caps of polypropylene **(P.P)** with anti-skid pad the Polyethylene **(PE)**. Black finish

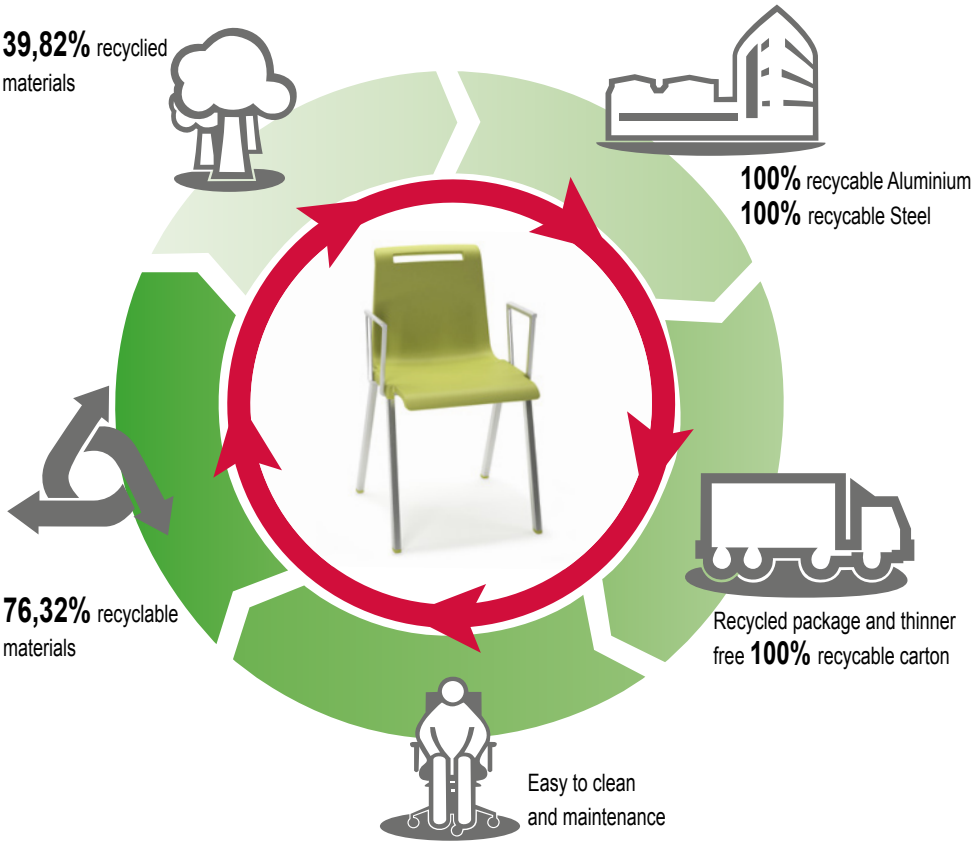
SIZES

Total height: from 820 mm	Seat height: from 370 mm
Total width: from 460 mm	Seat width: from 360 mm
Total depth: from 510 mm	Seat depth: from 510 mm

max. 20 chairs

SIZES





MATERIALS

MIT has been designed to be manufactured with recycled materials 39,82%, danger substances such as chrome, mercury or cadmium are not used in big quantity. Recycables Aluminium and Steel 100%. Organic volatile Components. Packages manufactured with recycled carton. Ink thinner free.

PRODUCTION

Energy use is optimized during the production process. Minimum environmental impact. Last generation technological system in coating processes. Painting that have not been used is recovered to use it again. Zero COVs emissions and other contaminant gas. Close water circuit to clean the metals. Heat recovery. Automatic manufacture systems. Cut process is planned.

TRANSPORT

Optimum packaging to reduce space in transport and save energy.

USE

Long lasting use. Spare parts and replacements available. Easy to clean and maintenance.

DISPOSAL

76,32% recycable. Easy and quick to split **MIT** components. Packages are reuse by our supplier to avoid waste generation. Carton used in packages is recyclable.

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).

FSC www.fsc.org FSC® C106678
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ACTIU TECHNOLOGICAL PARK
project certified as LEED® GOLD
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Leadership in Energy & Environmental Design

DESCRIPTION

PU integral (polyurethane) **Back and Seat** in different finishes, moulded over internal injected aluminium skeleton. **Seat** has also a spring to provide comfort. Different **Arm** choices: silver aluminium, moulded **PU** over 20 x 10 mm steel plaque **(check different arms). Shell support,** moulded aluminium 4 mm thickness with Gas lift. 5 star base, Ø 67,5 cm. Anti-skid castors with soft band.

BACK AND SEAT

(see finishes and fabric card)

ARMS

PU arm with steel plaque
20 x 10 mm thickness

Moulded aluminium arm
20 x 10 mm thickness

BASES AND CASTORS

Black Polyamide - Ø 67,5 cm
Black anti-skid castor, Ø 60 mm soft band

Silver aluminium - Ø 67,5 cm Dark Grey
anti-skid castor, Ø 60 mm black soft band

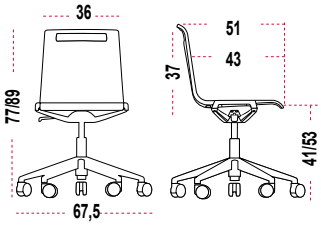
Polished aluminium base - Ø 67,5 cm
Black anti-skid castor, Ø 60 mm soft band

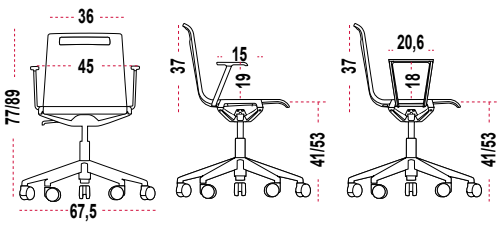
1. **PU** integral back and seat
2. Internal skeleton, injected aluminium
3. Different arm choices **(check accesories)**
4. Aluminium frame seat with springs
5. Gas lift
6. Shell support, moulded aluminium
7. 5 star base, Ø 67,5 cm
8. Anti-skid castors, soft band, Ø 60 mm

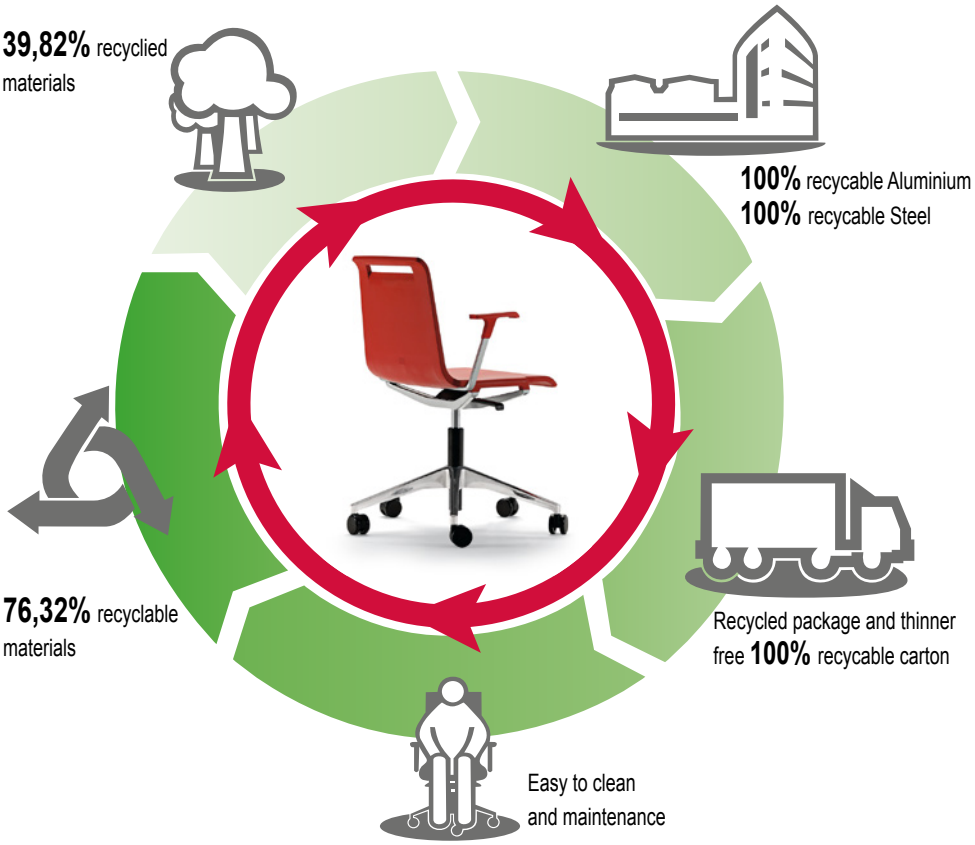
SIZES

Total height: from 770 mm to 890 mm
Total width: from 675 mm
Total depth: from 675 mm

SIZES







MATERIALS

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PRODUCTION

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TRANSPORT

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USE

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DESCRIPTION

PU integral (polyurethane) **Back and Seat** in different finishes, moulded over internal injected aluminium skeleton . **Seat** has also a spring to provide comfort Different **Arm** choices: silver aluminium, moulded **PU** over 20 x 10 mm steel plaque. **(check different Arms).** Shell **support**, moulded aluminium 4 mm thickness. Swivel **base** polished aluminium Ø 67,5 cm and 5 stars 6 cm thickness. Black glides. Gas lift for height adjustment.

BACK AND SEAT

(see finishes and fabric card)

ARMS

PU arm with steel plaque
20 x 10 mm thickness

Moulded aluminium arm
20 x 10 mm thickness

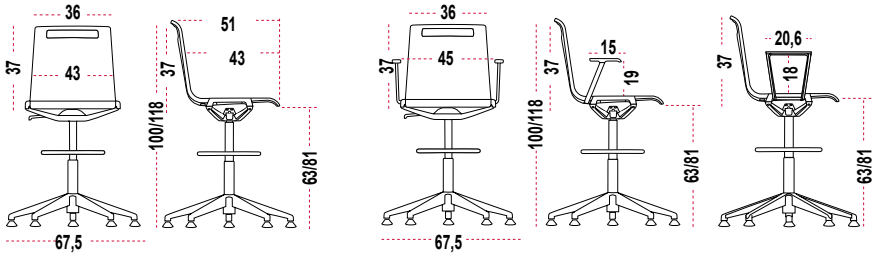
BASES

Swivel black polyamide base - 67,5 cm
Polypropylene (PP) black caps

Swivel polished aluminum base – 67,5 cm
Polypropylene (PP) black caps

1. **PU** integral back and seat
2. Internal skeleton, injected aluminium
3. Different arm choices **(check accesories)**
4. Aluminium frame seat with springs
5. Gas lift
6. Shell support, moulded aluminium
7. Chromed steel footrest. Curved tube Ø 18 mm, 1,5 mm thickness
8. Swivel base Ø 67,5 cm 6 mm thickness
9. Polypropylene (PP) black finish

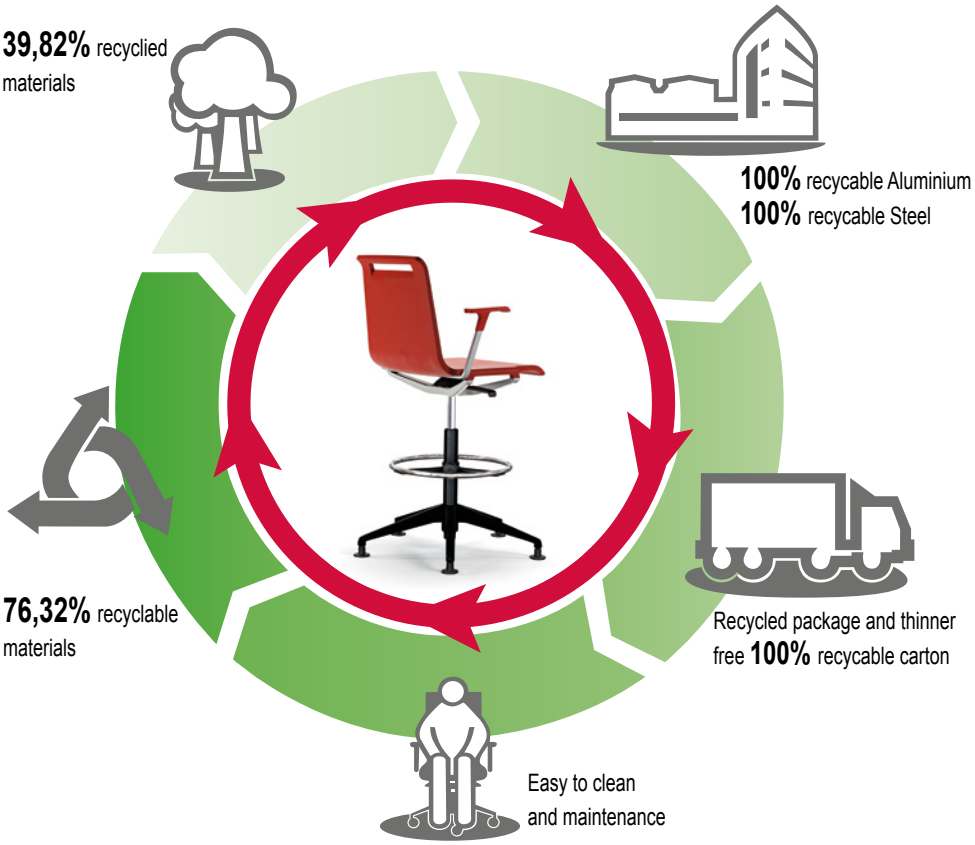
SIZES



SIZES

Total height: from 1000 mm to 1180 mm
Total width: from 675 mm
Total depth: from 675 mm

Seat height: from 370 mm
Seat width: from 360 mm
Seat depth: from 510 mm



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TRANSPORT

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USE

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DESCRIPTION

1 **PU** integral (polyurethane) **Seat** in different finishes, moulded over internal injected aluminium skeleton. Seat has also a spring to provide comfort.

2 **Frame**, curved shape 25 x 15 mm, 2 mm thickness. Epoxy finish 90 micron. Available in **silver, chromed or white**. Black **anti-skid** polypropylene caps.

3 **Chromed footrest**. Curved shape tube 16 mm, 2 mm thickness.

4 **Gas lift**

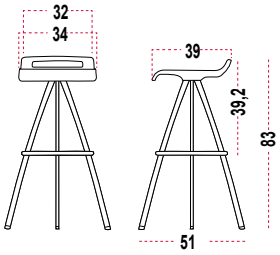
5a Swivel **base**, Ø 51 cm

5b Swivel **base**, Ø 39 cm

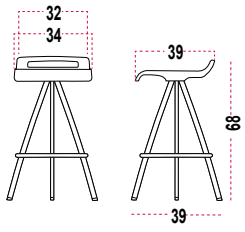
6 Black **Anti-skid** polypropylene caps.

7 Weight control castors, **base 47 cm**

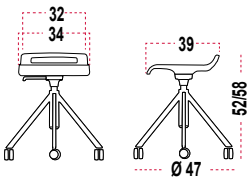
SIZES



with glides



with glides



gas lift with castors

SIZES

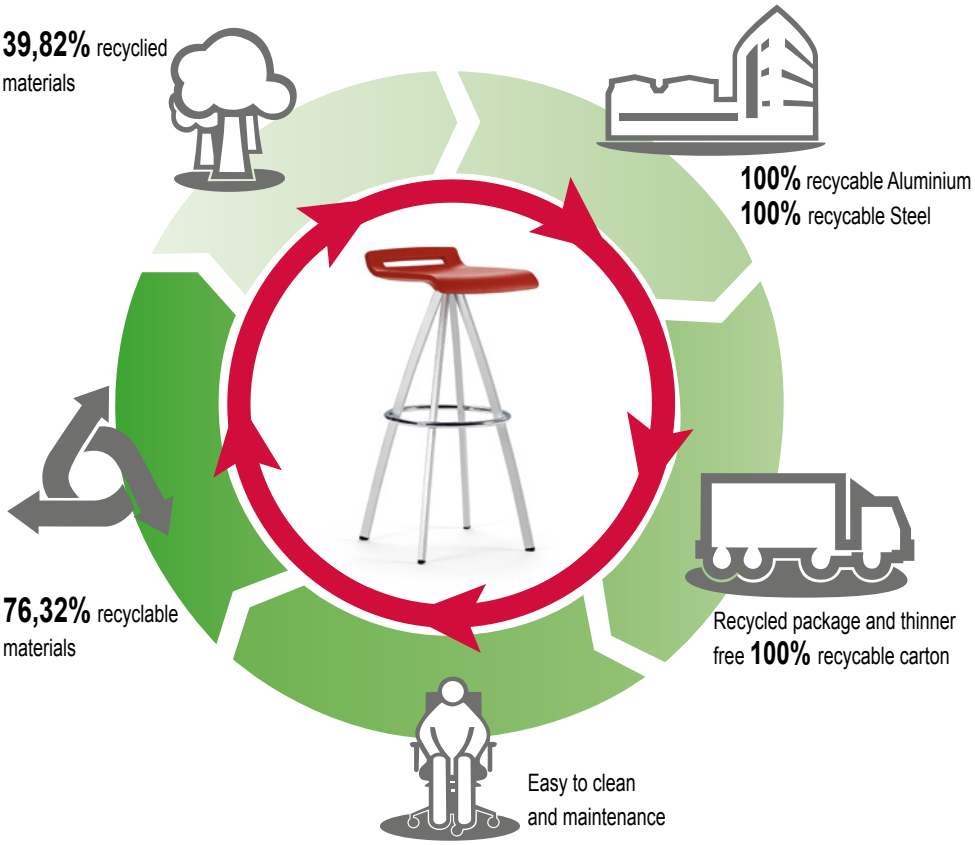
Total height: from 830 mm
Total width: from 510 mm
Total depth: from 510 mm

Total height: from 680 mm
Total width: from 390 mm
Total depth: from 390 mm

Total height: from 520 mm to 580 mm
Total width: from 470 mm
Total depth: from 470 mm

BACK AND SEAT

(see finishes and fabric card)



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TRANSPORT

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USE

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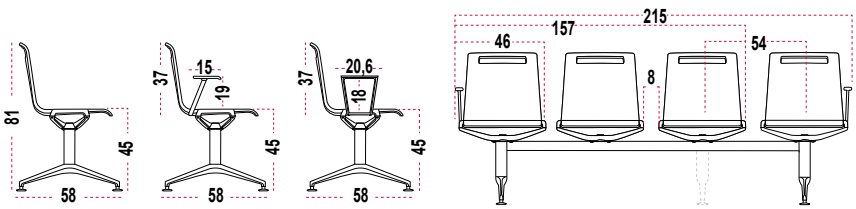
DESCRIPTION

1. **PU** integral (polyurethane) **Back and Seat** in different finishes, moulded over internal injected aluminium skeleton.
   - **a.** Back has a flexible point at the top half manufactured by elastic strips.
   - **b.** Seat has spring placed in the position that supports the user's weight.
2. Different **Arm** choices: silver aluminium, moulded **PU** over 20 x 10 mm steel plaque **(check different Arm)**
3. **Moulded aluminium** support, 4 mm thickness
4. Silver steel **Beam** 60 x 40 x 3 mm thickness to link frame to shell. in finished: **aluminium or black.** Aluminium plate to fix the shell to the beam.
5. Steel **Column** Ø 60 x 2 mm thickness in finished: **aluminium or black**
6. Moulded aluminium **Feet** 55 cm width, 6 mm thickness in finished: **aluminium or polished.** Levelers **M8** Ø 53 **(P.P)**+ black Anti-skid pads **(PE)**. **Column and feet** epoxy finish 90 micron. Possible to apply anti-bacterial treatment.

SIZES



SIZES

Total height: from 2150 mm

Total width: from 810 mm

Seat height: from 450 mm

BACK AND SEAT

(see finishes and fabric card)

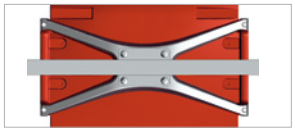
ARMS

PU arm with steel plaque 20 x 10 mm thickness

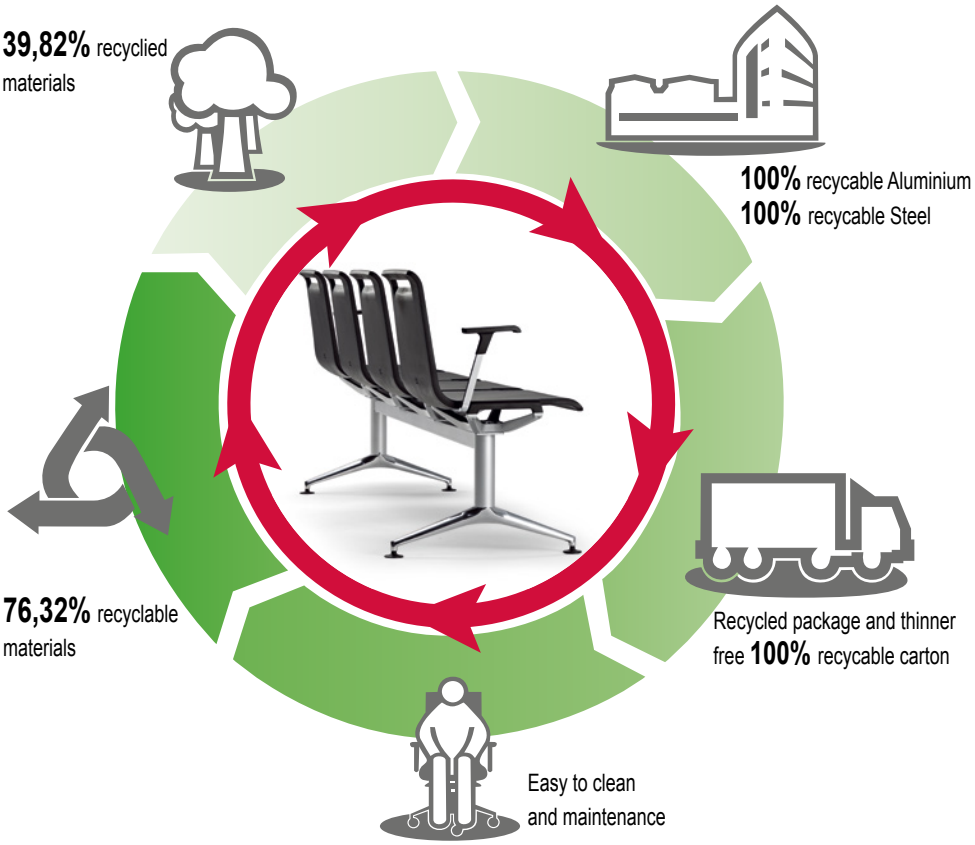
Moulded aluminium arm 20 x 10 mm thickness

BASES

Round shape leg, Steel tube 60 x 2 mm. Moulded aluminium leg, 6 mm thickness



Moulded aluminium support, 4 mm thickness



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ERGONOMICS

MIT available for all type of users. Perfect for any need and keep user's posture in a natural way without any manual adjustment.

STANDARDS

MIT 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:

Contract seating. Test level n. 2. Standard

- UNE-EN 15373:07. Furniture. Resistance, long lasting, security. Requirements for non domestic use seating.

Contract seating.

- UNE-EN 1728:2001. Domestic furniture - Seating - Test methods for the determination of strength and durability.

Office furniture - Office work chair.

- UNE-EN 1335-1/AC:2003. Part 1: Dimensions - Determination of dimensions.

- UNE-EN 1335-2:2009. Part 2: Safety requirements.

- UNE-EN 1335-3:2009. Part 3: Test methods.

ECOLOGY

ENERGY SAVING

The new technological production system included, reduce the energy resources used to manufacture each component. Materials are very well used to avoid wastes.

RECYCLED AND RECYCABLE MATERIALS

ACTIU environmental policy opts to use recycled materials in those components where functionality and lasting is not a condition. Materials used in MIT such as aluminium, steel or wood are totally recyclable.

REMARKABLE VALUES

1- Electrostatic coat, epoxy bonding 2nd generation. Polymerized 200ºC with nano-ceramics and non-grease treatments to improve better covering and provide then better resistance and lasting

2 - Coating 90 micras thickness. This covering guarantees the finish and maintenance of metal structures.

3 - Integral polyurethane **PU** seat. Compact material and soft centre. Comfort and strength.

Friendly touch and resistant surface. **PU** absorbs the impacts when seating or moving. Long lasting without any special maintenance. High resistance to oil and grease, cracks, tears and heat(minimum 80º). It has all DIN 9835 quality requirements

4 - Painting process:

Actiu painting plant has minimum environmental impact against the traditional industry processes.

Treatment is done by polarized coating and compacted with temperature. We get homogeneous and regular application with 98% of painting and the remaining 2% is used to produce other paints. Paints used are COVs free (Volatile Organic Components) which are very dangerous for the environment. All water used in the process is re-used, so we get zero dump. The process is free in heavy metal, phosphate, organic components and **DQD** (Biochemical demand of Oxygen). The program gives us an exact control of thickness, so it provides us with standard thickness (90 micron).