

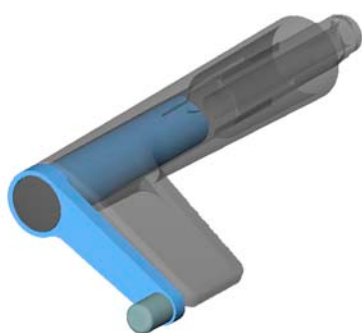
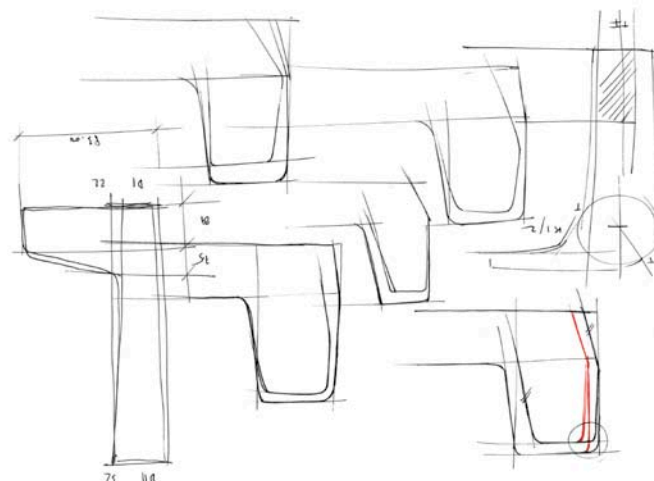


Tecno

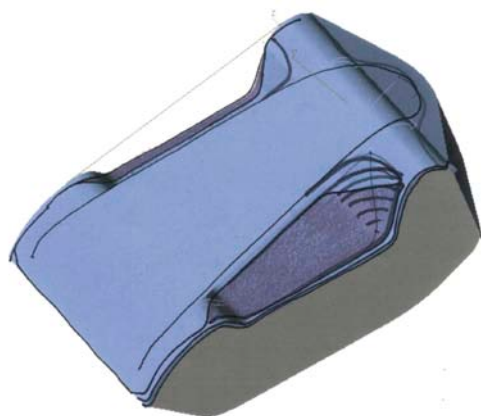
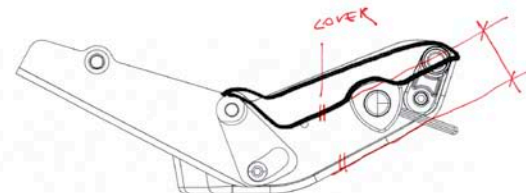
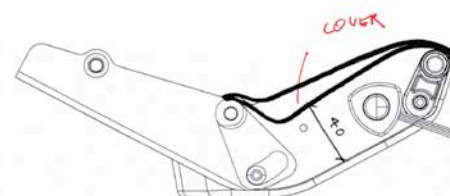
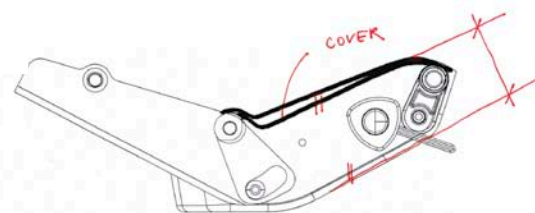
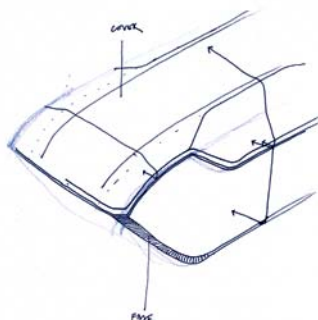
## Design

*"The Tecno mechanism contains all qualities – precision, movement, ergonomics, longevity, flawless functioning – blending together in a compact mechanism merging perfectly with the chair."*

Christophe Marchand, Designer

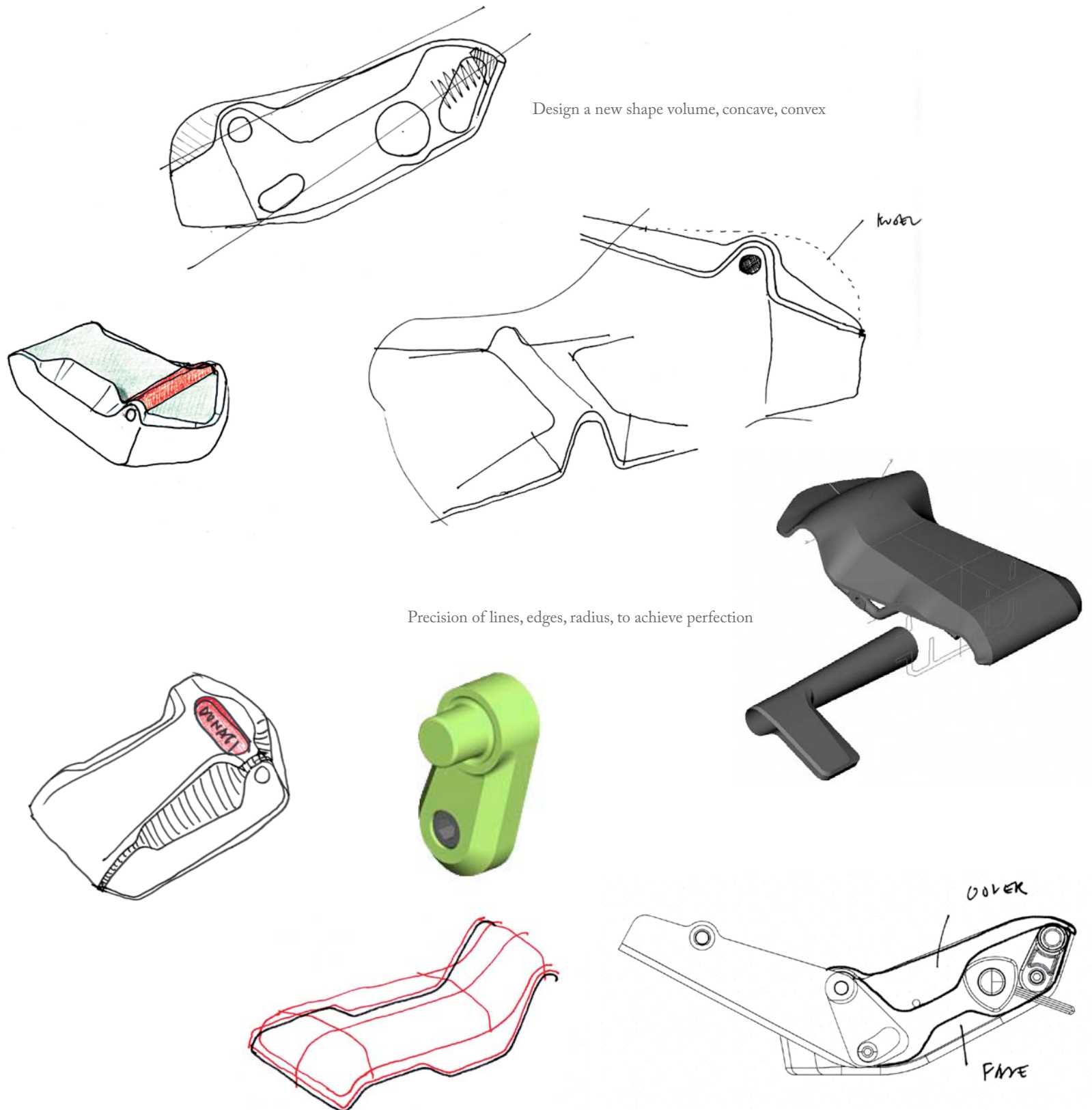


Surfaces - textured, matt, polished, painted with clients brand colour



High technical performance expressed through aesthetical quality

Compact and versatile enhanced by an outstanding design

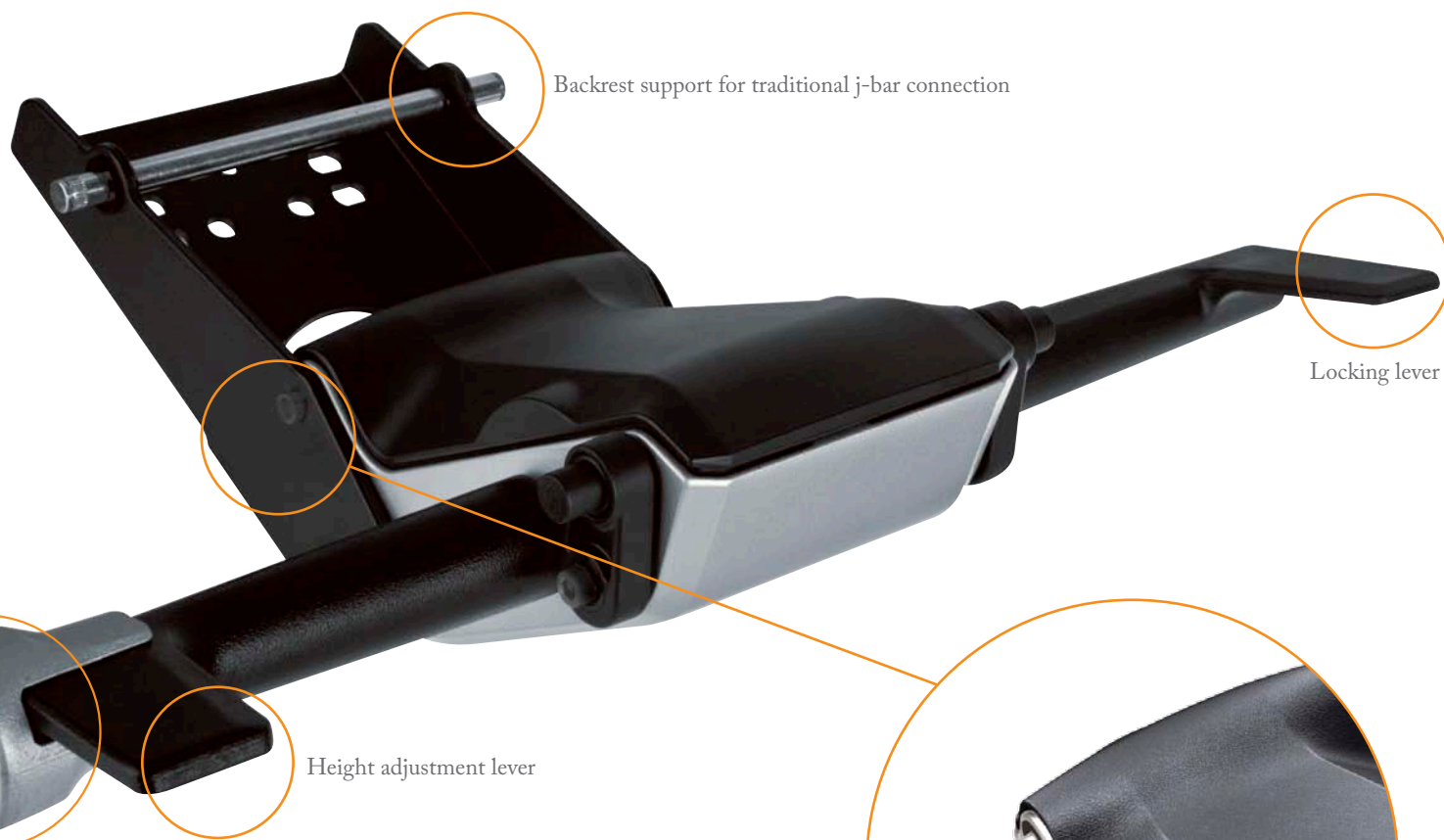


## Functions

- Ample backrest tilt: 22°
- Seat angle: 9°
- 5 locking positions
- Weight range: 50 - 120 kg
- Quick side tension with automatic location return, either with a lever or a knob



Plastic seat plate



Backrest support for traditional j-bar connection

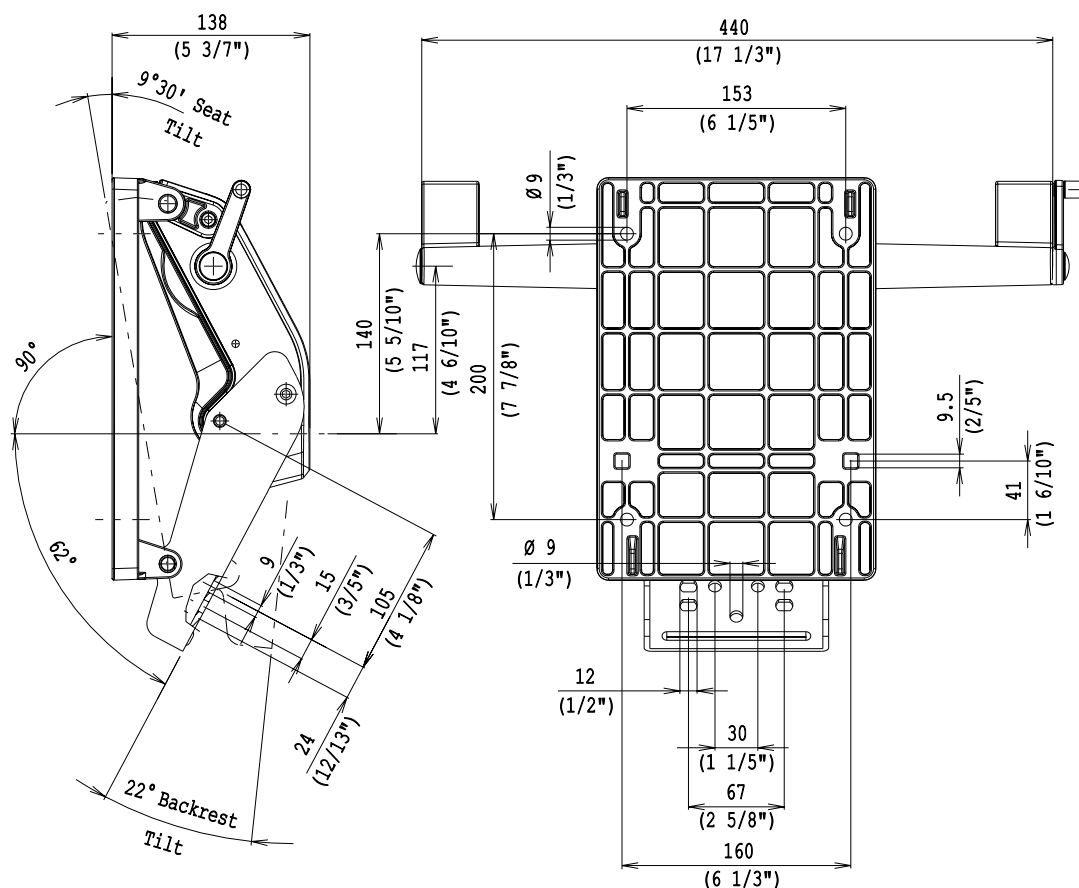
Locking lever

Height adjustment lever

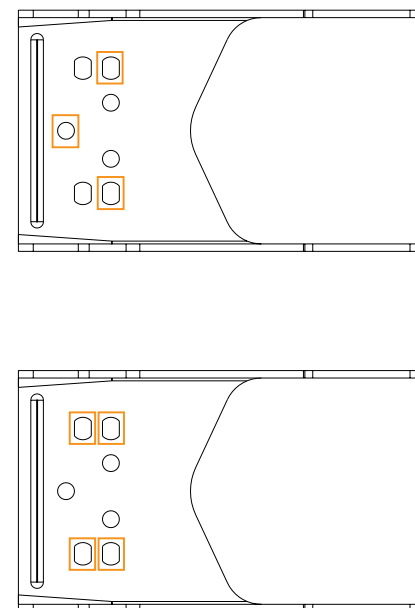
Quick side tension with a lever or a knob, with automatic location return



Side lateral fixing points for clients own backrest



□ Recommended fixing holes for j-bar connection



The Tecno mechanism range is certified ISO 21015:2007, EN and BIFMA.

The Tecno mechanism range is certified for 24 hour use and maximum weight of 150 kilo, in accordance with the norm BS 5459:Part 2:2000.

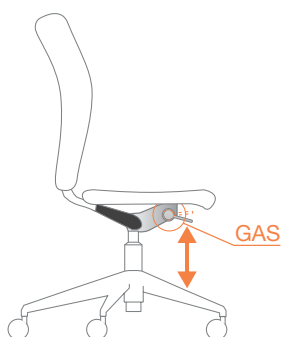
The Tecno mechanism range complies with USA Lead Paint Norm, 16 CFR Part 1303 12/21/2008

## Operating instructions

## Seat Height

Pull the lever upwards and press down on the seat in order to lower the height.

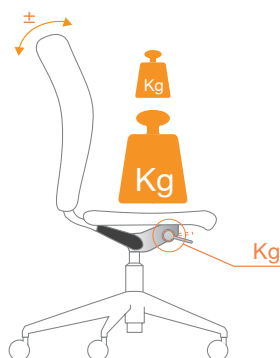
Remove weight from the seat in order to raise the height .



## Kg Tension

Pull the lever or knob out, turn clockwise to increase resistance and anti-clockwise to decrease resistance.

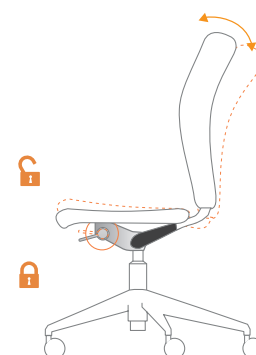
Once adjusted, the lever/knob automatically returns to its location.



## Back Lock

Pull the lever upwards to unlock the backrest.

Lean against the backrest to recline the seat and back; when you find the required position push the lever down.





## Customising

Clients can customise our mechanisms. Our mechanisms have the potential to be redesigned while maintaining all the internal technical principles. We give the liberty to clients to design the levers, choose the colour and the surface finishing. Clients have a say in designing some aesthetical parts of the mechanism housing.

Clients can redesign completely our mechanisms while maintaining the internal technical and functional principle

Choose the colour or the texture of the mechanism cover.

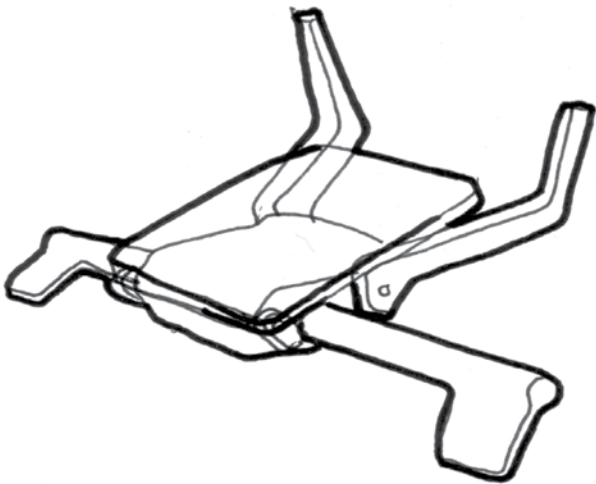
Design and connect clients own backrest support.

Customised finish



The Tecno is a compact mechanism offering the potential to have a real hierarchy of chairs.

Clients can create their chair from the traditional backbar connection to the side lateral attachment.



Customised modifications for clients specific projects.



Clients own mechanism housing



Clients own levers

Competency combined with quality design to create clients new products

## Combination Suggestions

We believe that all chair components should add to the aesthetical appearance of the chair. Therefore with the Tecno mechanism we recommend the following:

BeO aluminium polished armrest: wide range of arms, multifunctional and fixed, 12° forward or vertical, in aluminium or nylon.

DB 2.6 aluminium base also available in nylon and other bases within the Donati range.

Various sliding seats from the Donati range.

Nylon backbar.



DB 1.8 in aluminium and nylon, 4-star and 5-star base, available in three sizes



## Various sliding seats from the Donati range



BeO – armrest aluminium polished: wide range of arms, multifunctional and fixed, 12° forward or vertical, in aluminium or nylon.



DASH sliding and fixed seat



SLIM sliding and fixed seat



FLAT sliding and fixed seat



CONKA sliding and fixed seat



Nylon J-bar



DB 2.6 aluminium and nylon base



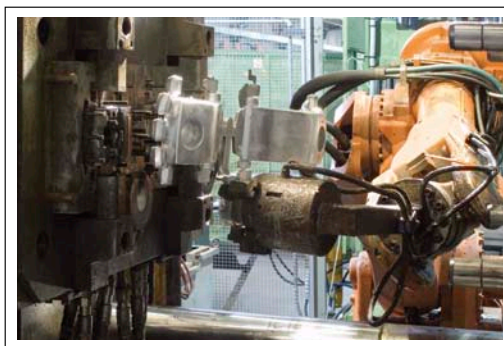
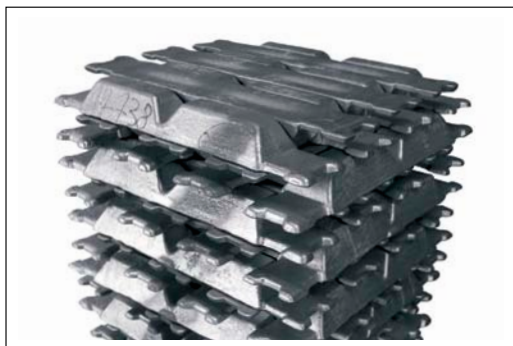
DONATI is committed to an environmental data transparency and believe it is the starting point for an eco-sustainable future.

Donati are the first producers in the world of components for office furniture to have successfully completed the Environmental Product Declaration EPD\* based on the methodology Life Cycle Assessment -LCA and the Product category Rules - PCR 2009:01.

The EPD states the results of the analysis of the environmental impact of all products throughout their life cycle, from the raw material, production, transport, use to the end of the product life.

The purpose of this study is:

- to provide transparent information to their eco-awareness clients, the final users and to interested external bodies such as public administration, local communities, non-governmental organisations;
- to use the study results to initiate improvements for the environmental impact of products and of their production process;
- to plan and produce new eco-compatible products.



# LCA

The environmental performance of the range of mechanisms for office seating named Tecno is based on the Life Cycle Assessment methodology, LCA, which quantifies the energy and resources used at each stage of the life cycle of the product to be able to evaluate the impact on the environment conforming to the specifications of Product Category Rules - PCR 2009:01 and international norms ISO 14040 and ISO 14025.

The environmental parameters that they consider in the arc of the life cycle are: non-renewable resources, renewable resources, global warming potential, ozone layer depletion potential, photochemical oxidation, acidification potential, eutrophication potential, waste, and toxic substances.

## IMPACT ASSESSMENT CATEGORIES



### NON-RENEWABLE RESOURCES

The impoverishment of non-renewable resources such as oil, coal and metals due to their extraction and consumption.



### RENEWABLE RESOURCES

Resources that are being renewed relatively fast. Examples are wood and agricultural products and energy sources such as : wind energy, solar energy, tidal energy, hydroelectric power, marine current energy and biomass energy.



### GLOBAL WARMING POTENTIAL

Global Warming Potential. The increase of planet temperature due to gas emissions.



### OZONE LAYER DEPLETION POTENTIAL

The risk for depletion of the stratospheric ozone layer. Depletion of ozone layer allows more ultraviolet radiation to reach earth and cause damage to humans and crops.



### PHOTOCHEMICAL OXIDATION

A type of pollution that affects human health and the environment, caused by emissions of nitrogen oxide and volatile organic compounds.



### ACIDIFICATION POTENTIAL

The degradation of trees, plant and animal life in lakes and rivers, as well as the accelerated degradation of materials such as metals, limestone and concrete by acid emissions.



### EUTROPHICATION POTENTIAL

It kills plants and animals in aquatic ecosystems due to a lack of oxygen following the proliferation of algae, stimulated in turn by high concentrations of nutrients.



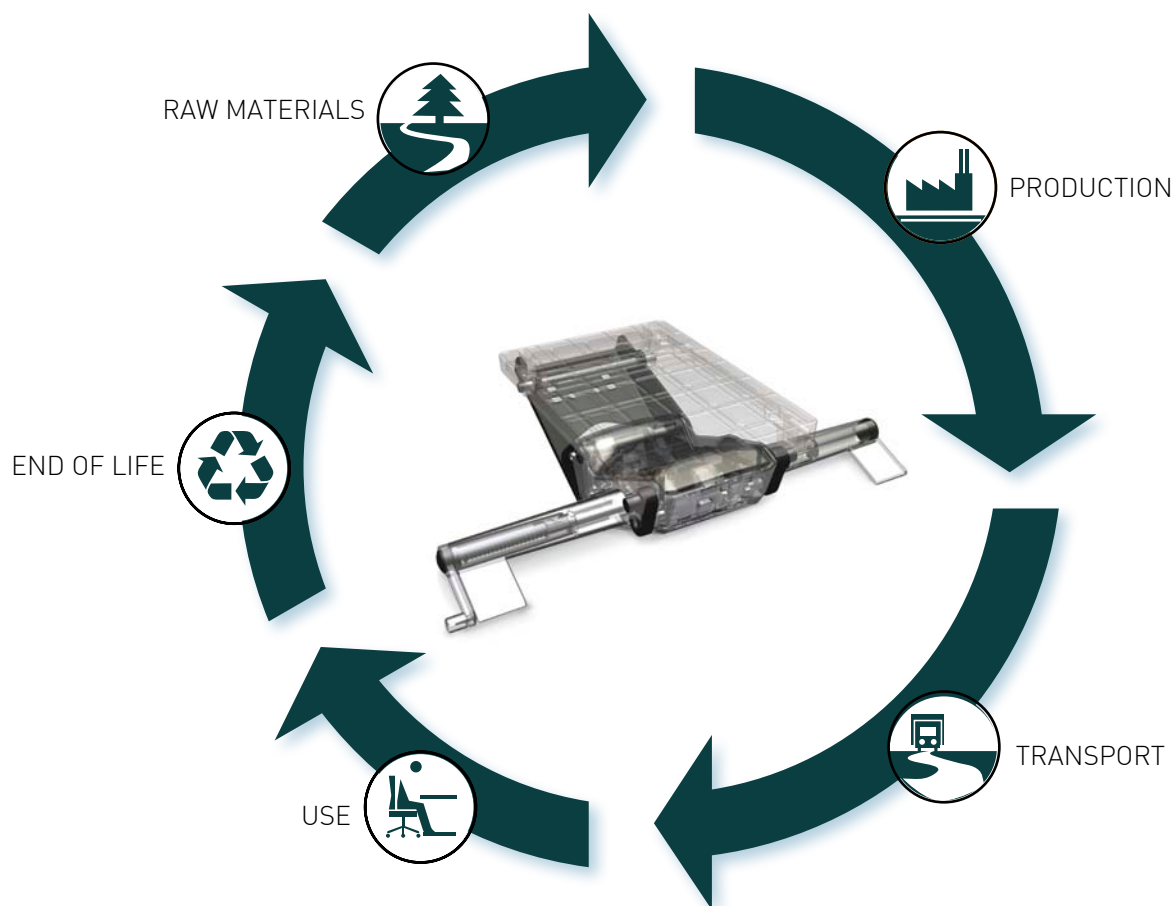
### WASTE

Ordinary and dangerous generated throughout its life cycle.



### TOXIC SUBSTANCES

Those which harm the natural environment and human health.



#### RAW MATERIALS

This stage looks at the extraction and transformation of the raw material, from the supply of the part and semi-worked part, including delivery to the Donati production site and also assembling of the product.



#### PRODUCTION

This stage looks at all production and processes carried out inside Donati, analysing how the impact of the company is linked to environmental management in accordance with ISO 14001.



#### TRANSPORT

An average calculation is taken into consideration in respect to Donati's transport from their plant to clients all over the world. Packaging has been optimised to allow a greater number of components for each pallet resulting in the reduction of the number of shipments to the client and consequently lowering energy expenditure for transport.



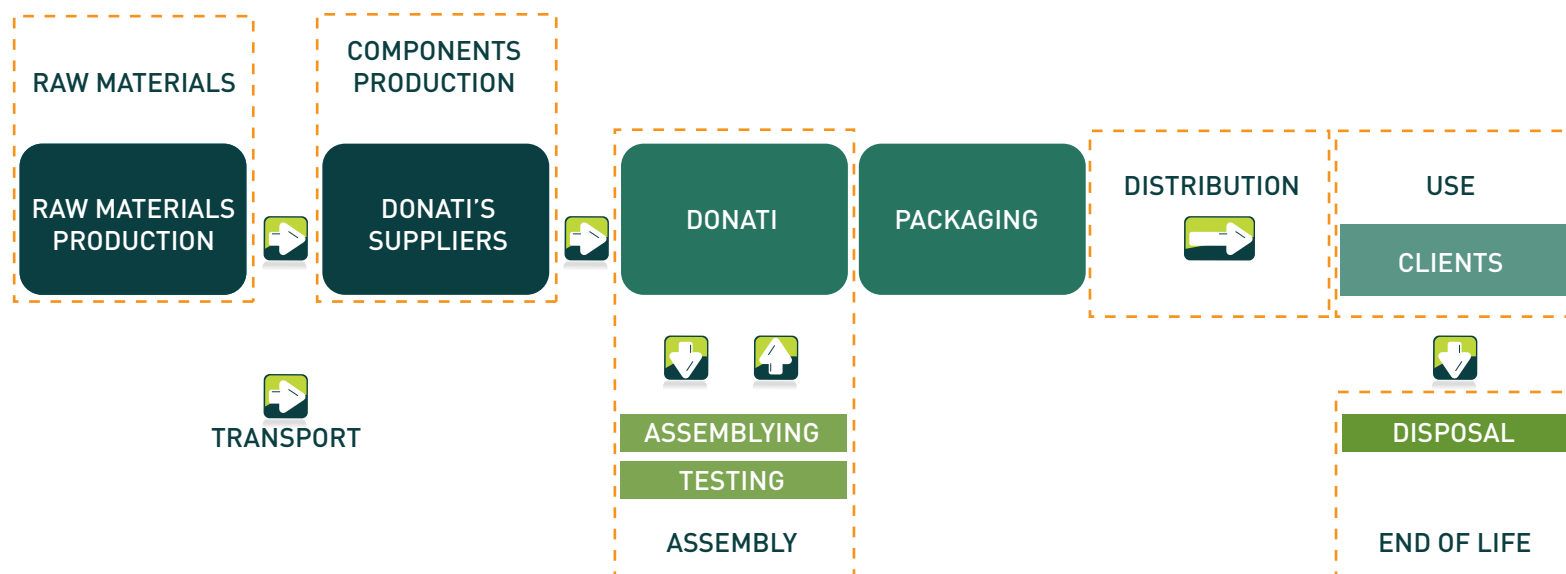
#### USE

This stage looks at the use and it was excluded in the coherence with PCR and considers the fact that the use is made in conjunction with the chair produced by the client. More importantly you can believe that this stage does not have any environmental impact, not having forecasted for maintenance and not having estimated for emissions into the environment.



#### END OF LIFE

This stage looks at the end of the life cycle of a mechanism (included in the chair) and results in, as per the data recorded, a huge environmental impact reduction. The mechanisms taken into consideration are those produced in aluminium, plastic and those having some steel parts all of them recyclable with their consequent impact being insignificant.



The life cycle of the Tecno mechanism includes upstream, core and downstream processes.

The upstream processes include:

- extraction and production of raw materials for components and packaging;
- production of semi-manufactured materials;
- manufacturing process for components and packaging;
- all transportation involved;
- treatment of generated waste.

The core processes include:

- transportation of mechanism components and packaging to Donati;
- assembly of the mechanism including energy and water consumption at Donati;
- packaging of the mechanism;
- treatment of generated waste.

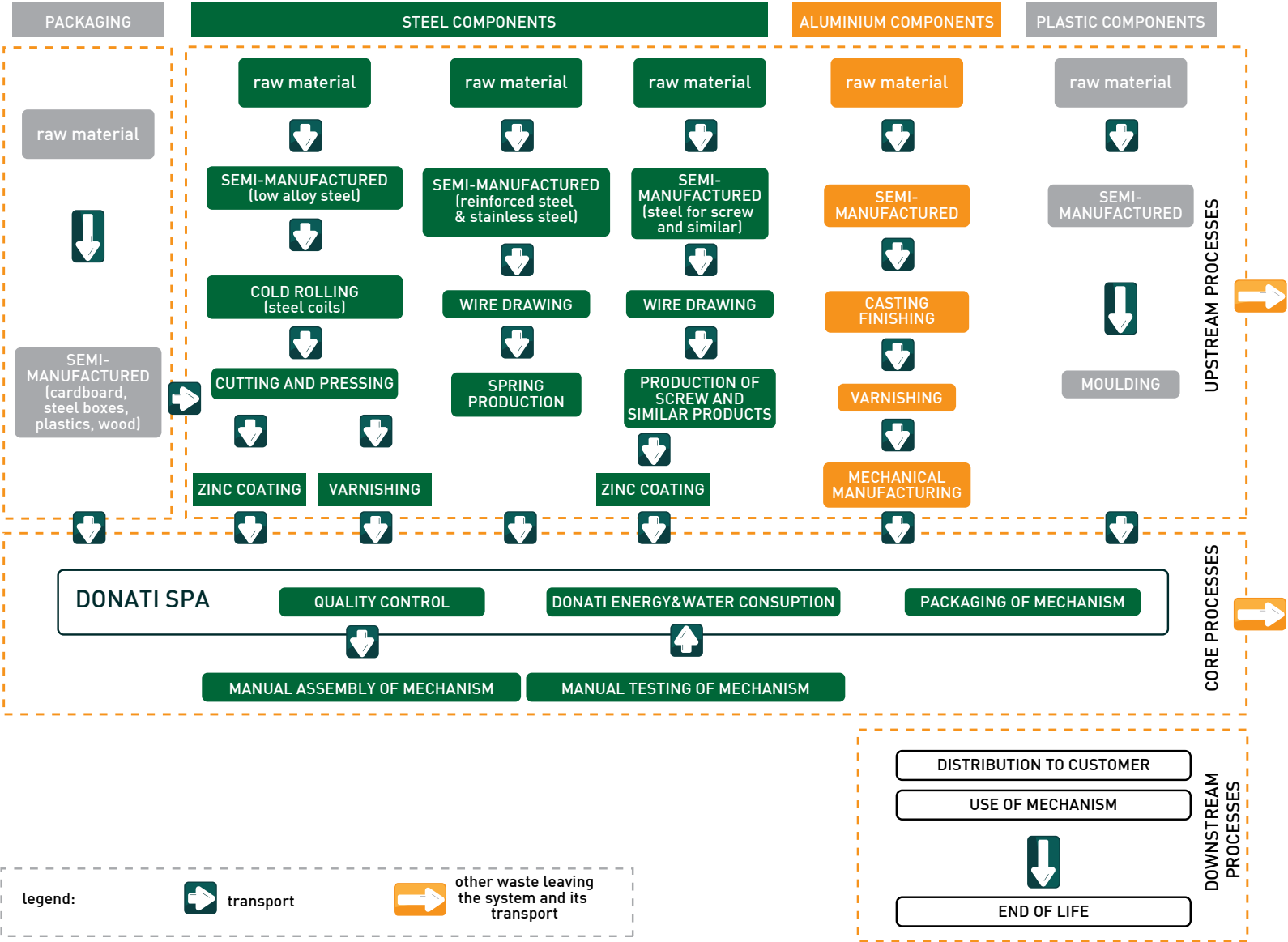
The downstream processes include:

- transportation of the mechanism to the customer;
- use of the product;
- end of life of the mechanism;
- end of life of the mechanism packaging.

All data used in the LCA study refer to the period 2006-2008




System boundaries of the Tecno life cycle



## A mechanism for the safeguard of the Environment

Donati considers protection of the Environment as a Must.  
To such purpose, along with making projects designed to reduce the environmental impact of all its activities - both of production and management - the Company chooses highly recyclable materials for its products, partly made from pre-existing items, as well.  
As a result, every Tecno mechanism can be **99%** recycled at the end of its life, and the materials used for its packaging are also 100% recyclable.

### RECYCLABILITY DATA

Product weight	kg	4,037	Recyclability	<div>Product Code: 1080600</div> <div>Product Name: Tecno</div> <div></div>
Ferrous metals	%	52%	100%	
Non ferrous metals	%	24%	100%	
Plastic materials	%	23%	100%	
Other materials	%	1%	0%	
Of which: Virgin	%	55%		
Recycled pre consumption	%	11%		
Recycled post consumption	%	34%		
Number of components	n°	68		
Number of types of materials	n°	6		
Recyclability of the product (at the end of its life)	%	99%		
Production waste				
of which: Internal recycle / External recycle	%	40%		
Selected waste collection	%	60%		
Non selected waste collection	%	0%		
Packaging weight per item	kg	0,2719	Recyclability	<div>NOTE</div> <div>The aluminium used for our manufactured goods complies both with the Decree D.Lgs 151 of July 11, 2005 and with the regulations 2005/95/CE, 2002/69/CE and 2003/108/CE.</div> <div>Lead is present in the aluminium in quantities less than 0,20% .</div> <div>The paint is free from heavy metals.</div>
Paper	kg	0,1187	100%	
Wood	kg	0,1525	100%	
Plastic	kg	0,0006	100%	
Of which virgin:	%	83%		
Recycled pre consumption	%	17%		
Recycled post consumption	%	0%		
Recyclability of packaging	%	100%		

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