TRINITY

CHROME OR BLACK STRUCTURE

HIGH AND LOW CHAIR AND TWO CANTILEVER VERSIONS

MADE IN THE EUROPEAN UNION

Trinity represents the essence of the 21st century, the welcome of the future to come. Enveloping lines and curves that envelop the strength of the steel and the softness of the finishes. Trinity is the balance between form and material.
The new black finish of the structure gives the collection an elegance that, combined with its natural captivating force, captures you from the very first moment.
Trinity, a collection composed of a high and low chair and a cantilever model.

TRINITY

HIGH CHAIR / LOW CHAIR

SKU:DIMOLE-401-S2557

01.

Monocoque seat

Interior structure in beech plywood (MQ cert. 07-175), covered with flexible high density polyurethane foam (hard) 30 kg/m³ (EN ISO 845/ BS 5852/10) with an external fiber coating.

02.

Arms

Fixed armrests, made of steel with rectangular section 40 mm x 6 mm, chrome plated with a thickness of 12-15 microns or painted in black epoxy (RAL 9005). Upholstered armrests with wooden interior covered with soft high density polyurethane foam (hard) 30 kg/m³ (EN ISO 845 / BS 5852/10).

03.

Perimeter structure

Steel tube with circular section of 25 mm diameter and 2 mm thickness, chrome plated with a thickness of 12-15 microns or painted in black epoxy (RAL 9005).

Chrome RAL 9005

04.

Mechanisms

Advanced tilting

The swivel axis is moved forward, which means that when the mechanism is released (very distinguishable by its Z-shape), the foot contact with the floor remains undisturbed.
It has the following features:
- Lateral tension adjustment with only 16 rotations between minimum and maximum.
- 5 locking positions with non-return function.
- Particularly fluid and ergonomic movement.
- Up to 17° of seat oscillation.
- Synchronized movment with excellent balance (ratio 1,5:1).

Balance

The balance mechanism, only available for monocoque models, allows the seat and backrest to move synchronously on the center of the seat, with a central locking system.
It has the following characteristics:
- Up to 7° of seat oscillation backwards and up to 4° forwards.
- Made of high quality polished aluminum.

Gas lift

The seat moves up and down by operating a lever on the bottom right of the seat.

05.

Gas column, bases and wheels

- Lifting using a class 3 black gas column (UNI 9084/02), tested for users weighing up to 120 kg.
- Polished aluminum base 70 cm diameter (ANSI-BIFMA X5.1-2011/7). This model comes with double Desmopan rubber wheels 65 mm diameter with chrome finish. It is completed with chromed armrests and structure.
- Black nylon base of 68 cm diameter. This model comes with double Desmopan rubberized nylon wheels of 65 mm diameter. It is completed with black armrests and structure.
- The base connection bolt has a circular nylon ring to prevent noise when used on metal or aluminum bases.
- Optional: Anti-slip gliders in black nylon.

TRINITY

CANTILEVER CHAIR WITH FOUR LEGS

SKU:DIMOLE-401-S2559

01.

Monocoque seat

Interior structure in beech plywood (MQ cert. 07-175), covered with flexible high density polyurethane foam (hard) 30 kg/m³ (EN ISO 845/ BS 5852/10) with an external fiber coating.

02.

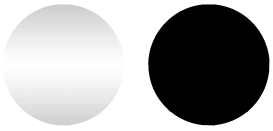
Arms

Fixed armrests, made of steel with rectangular section 40 mm x 6 mm, chrome plated with a thickness of 12-15 microns or painted in black epoxy (RAL 9005). Upholstered armrests with wooden interior covered with soft high density polyurethane foam (hard) 30 kg/m³ (EN ISO 845 / BS 5852/10).

03.

Perimeter structure

Steel tube with circular section of 25 mm diameter and 2 mm thickness, chrome plated with a thickness of 12-15 microns or painted in black epoxy (RAL 9005).

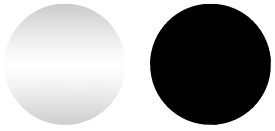


Chrome RAL 9005

05.

Gas column and bases

- Lifting using a class 3 black gas column (UNI 9084/02), tested for users weighing up to 120 kg.
- 4-legged polished aluminum base with a diameter of 69 cm. With non-slip nylon caps. It is completed with armrests and chromed perimeter structure.
- Aluminium base painted in black epoxy (RAL 9005) with a diameter of 69 cm. With non-slip nylon caps. It is completed with armrests and black structure.



Chrome RAL 9005

04.

Mechanisms

Balance

The balance mechanism, only available for monocoque models, allows the seat and backrest to move synchronously on the center of the seat, with a central locking system.
It has the following characteristics:
- Up to 7° of seat oscillation backwards and up to 4° forwards.
- Made of high quality polished aluminum.

Gas lift

The seat moves up and down by operating a lever on the bottom right of the seat.

Revolving system (EN 1335 3/01 / UNI 9084/02)

Revolving cylinder with automatic centering, 360° rotation and cushioning. Height not adjustable. This mechanism allows the user to rotate the chair while seated. As soon as the user stands up from the chair, the cylinder automatically returns to its original position. Specially designed to maintain order in meeting and waiting areas. Only available with non-slip nylon caps.

TRINITY
CANTILEVER
SKU:DIMOLE-401-S2552

01.

Monocoque seat

Interior structure in beech plywood (MQ cert. 07-175), covered with flexible high density polyurethane foam (hard) 30 kg/m³ (EN ISO 845/ BS 5852/10) with an external fiber coating.

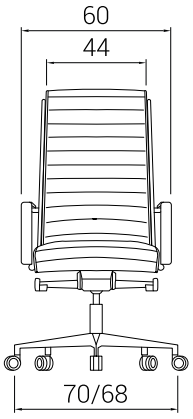
03.

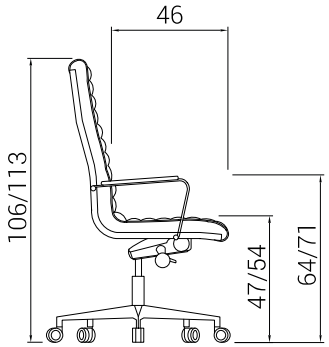
Structure

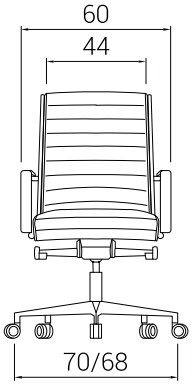
Steel tube of 25 mm diameter and 2 mm thickness, chrome plated from 12 to 15 microns or painted in black epoxy (RAL 9005).
Armrests and bumpers in non-slip nylon.
The structure has passed the following tests:
UNE EN 1728 p.6.8 Seat fatigue test.
UNE EN 1728 p.6.7 Back fatigue test.
UNE EN 1728 P.6.2.1 Static load of the backrest.

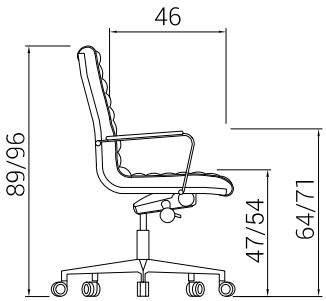
Chrome RAL 9005

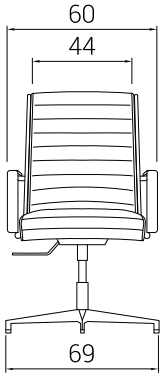
TRINITY
DIMENSIONS

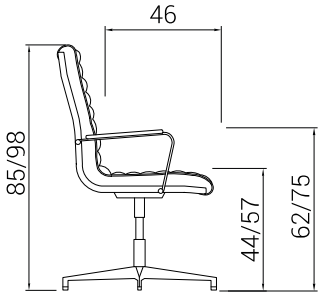


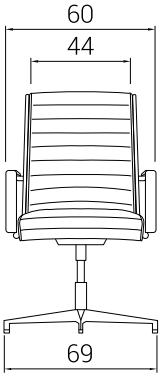


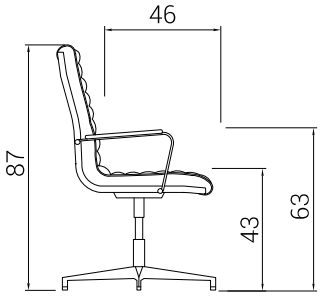


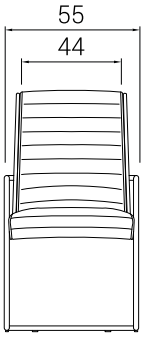


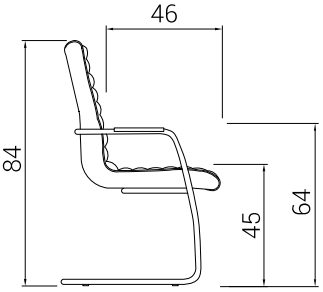












TRINITY
SUSTAINABLE

96%
RECYCLABLE

48% Metal
24% Wood
2% Other plastic materials
26% Others

MONOCOQUE SEAT
Structure in beech plywood covered with polyurethane foam

PERIMETER STRUCTURE
steel tube chrome plated or painted in black

MECHANISM
in steel.

BASE
in polished aluminium.

ARMS
made of steel chrome plated or painted in black

WHEELS
double rubber of Desmopan.

LOW CHAIR
5 RADIUS

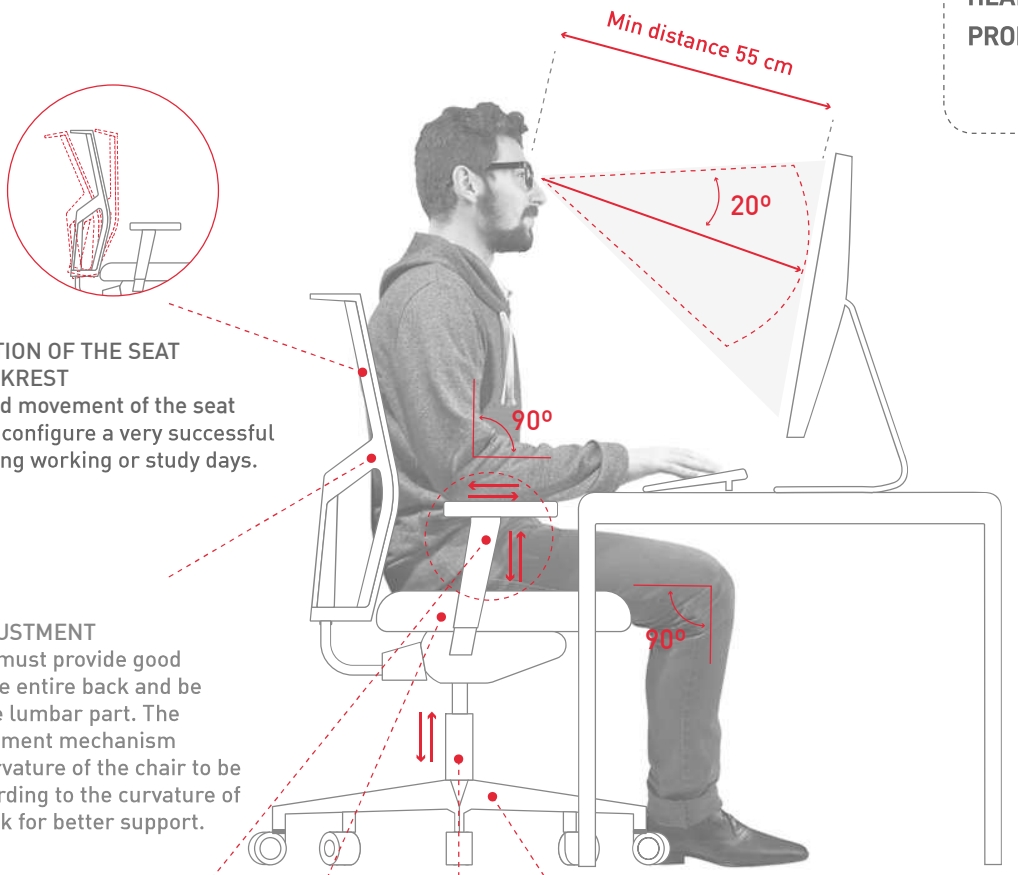
LOW CHAIR
4 RADIUS

CANTILEVER
Steel tube

- ✓ 100% recyclable cardboard packaging, made from 90% recycled materials.
- ✓ Dileoffice is certified according to ISO 9001:2015, 14001:2015 and 14006:2020. All phases of the production process, from the receipt of components to the delivery of the finished product, are meticulously managed to minimise the impact on the environment.
- ✓ Dileoffice chairs are assessed by AIDIMEE to certify the compliance of each product with UNE EN standards.
- ✓ If it is necessary to replace the entire chair or any of its parts, the end customer will be informed of the recycling management of each element according to the composition of the materials.
- ✓ Transport is carried out by scheduled routes, giving priority to fuel savings. We use our own transport trucks, always trying to use the maximum volume, and minimising the volume in the packaging.

ERGONOMICS

GOOD POSTURE IS ESSENTIAL TO **AVOID HEALTH PROBLEMS**



01.
THE INCLINATION OF THE SEAT AND THE BACKREST

A synchronized movement of the seat and backrest, configure a very successful solution for long working or study days.

02.
LUMBAR ADJUSTMENT

The backrest must provide good support for the entire back and be adapted to the lumbar part. The lumbar adjustment mechanism allows the curvature of the chair to be adjusted according to the curvature of the user's back for better support.

03.
ADJUSTABLE ARMRESTS

The forearms should be parallel to the work surface and form a right angle with the arm.

04.
THE STRENGTH OF THE SEAT

The seat must offer firmness and adaptation to the user's physiognomy.

05.
CHAIR HEIGHT ADJUSTMENT

The possibility of adjusting the height allows for the correct posture, with the feet comfortably resting on the floor and the legs in a horizontal position.

06.
BASES

The base of the chair should have 5 points of support for the wheels on the ground, to facilitate their movement with minimal effort.

07.
FABRIC

Depending on the area of use and climate, one fabric or another should be chosen.

"Don't forget to take a break to stretch and move around regularly"

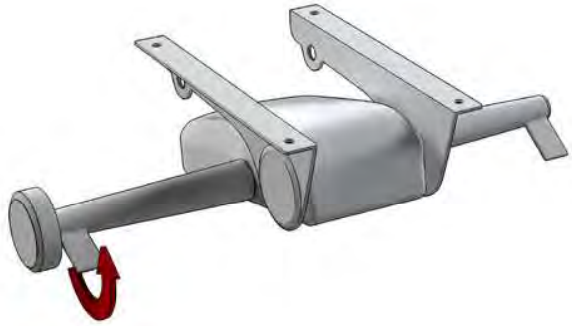
mondo

TRINITY
FINISHES

01 BALI (G01)	P6	P8	P20	P21	P22	P28	P29	P30
02 POLYESTER (G01)	C1	C2	C5	C7	C8	C10	C14	C17
03 GOYA (G01)	D1	D3	D6	D8	D9	D10	D11	D12
04 TOUCH LEATHER (G01)	R1	R2	R3	R4	R5	R6	R7	R8	R9
05 COMBI (G01)	B1	B2	B3	B4	B5	B6	B7	B8
06 OCEAN (G02)	G2	G3	G4	G5	G7	G8	G10	G12
07 ELASTIKA FR (G02)	I2	I3	I4	I7	I10	I11	I12	I14
08 ORUGA (G02)	O2	O4	O9	O10	O11	O12	O15
09 NILO (G02)	NL1	NL7	NL9	NL12	NL15	NL33	NL39	NL43
10 MADISON (G02)	MA1	MA3	MA4	MA6	MA12	MA17	MA19	MA20
11 TONAL (G02)	TO1	TO2	TO3	TO4	TO5	TO6	TO7	TO8
12 ONE (G02)	ON1	ON2	ON3	ON4	ON5	ON6	ON7	ON8
13 VALENCIA (G03)	VA5	VA6	VA11	VA14	VA15	VA16	VA21	VA22
14 DEKORA (G03)	DE1	DE2	DE3	DE4	DE5	DE6	DE7	DE8
15 FELICITY (G03)	FE1	FE2	FE3	FE4	FE5	FE6	FE7	FE8
16 LEATHER (G04)	F1	F2	F3	F6	F8	F14	F18	F20

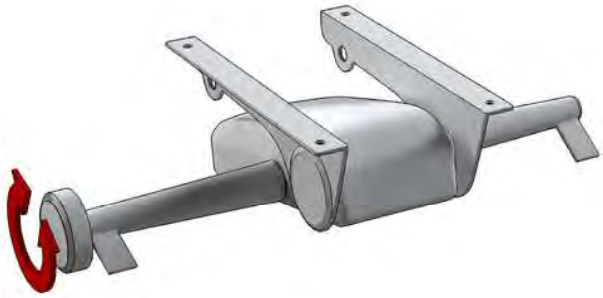
1. Mechanism

ADVANCED TILTING MECHANISM



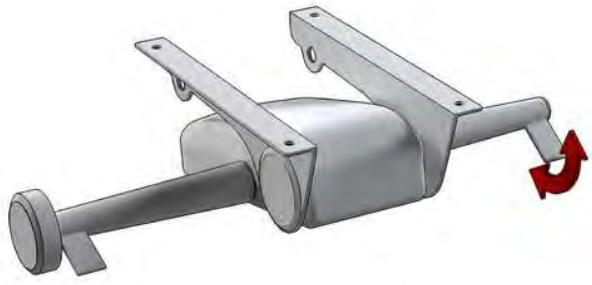
GAS LIFT

By lifting the handle we unlock the gas column. Without weight the chair lifts up. With the user seated, the chair goes down. Once the handle is released, the gas column is blocked again.



TENSION ADJUSTMENT OF THE MONOCOQUE SEAT

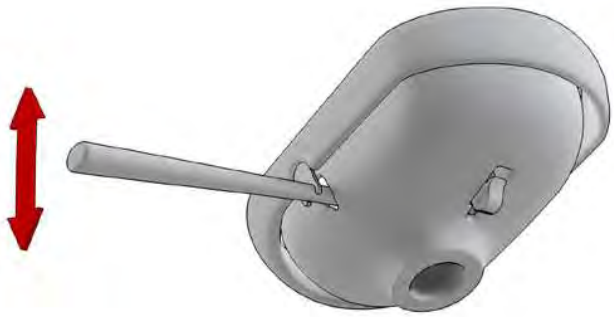
At the end of the gas lift handle is a tension adjustment disc, depending on the user's weight. Turning the disc clockwise makes the monocoque seat more resistant to the weight of the back. Turning the disc counterclockwise makes it less resistant to back weight.



ADJUSTING THE TILT OF THE MONOCOQUE SEAT

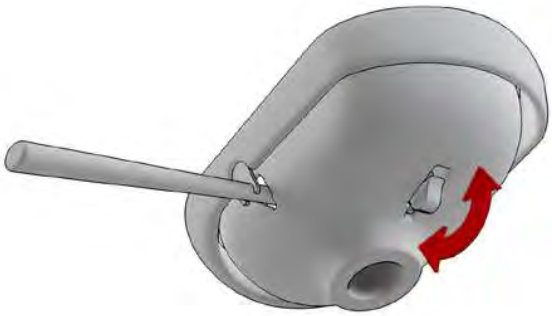
By raising the lever, the mechanism is released and the monocoque seat tilts under the weight of the back. By lowering the lever, the monocoque seat is locked in the desired position. To unlock it, simply lift the lever and apply weight with your back.

BALANCE MECHANISM



GAS LIFT

By lifting the handle we unlock the gas column. Without weight the chair lifts up. With the user seated, the chair goes down. Once the handle is released, the gas column is blocked again.



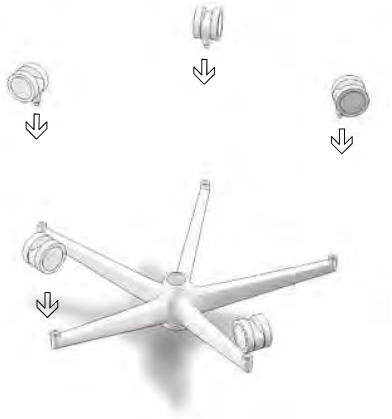
TILTING SYSTEM

By moving the button backwards, we release the mechanism that allows, when the user is seated, to change the angle of inclination of the monocoque seat. By moving the button forward, we lock the seat.

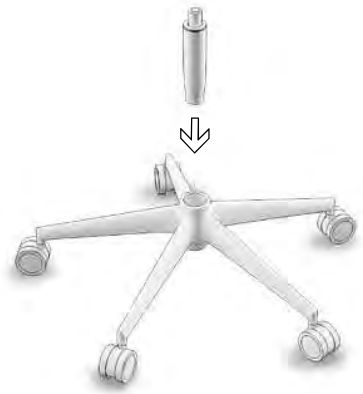
TRINITY
ASSEMBLY INSTRUCTIONS

5x 
1x 
1x 
4x 
1x 
1x 

1.



2.



3.

4.

5.