STIMEX

1 MAS

HE FUNCTIONALITY OF SIMPLICITY

1 Mas is the collection of chairs designed to be functional and easy to use. Chairs of minimalist design, without giving up comfort and ergonomics.

THE MECHANICS OF COMFORT

1 Mas features a synchro mechanism that regulates the seat and back angle, locking it in 5 positions with anti-shock system. The tilt tension can be adjusted by a side handle, according to the user's weight.

RESISTANT AND COMFORTABLE

1 Mas seat and back are made in polypropylene with reinforcing ribs, ensuring improved seat resistance. The padding is in shaped foam polyurethane, CFC fee. A series of vertical grooves design a striped geometric pattern on the back, ensuring improved breathability.

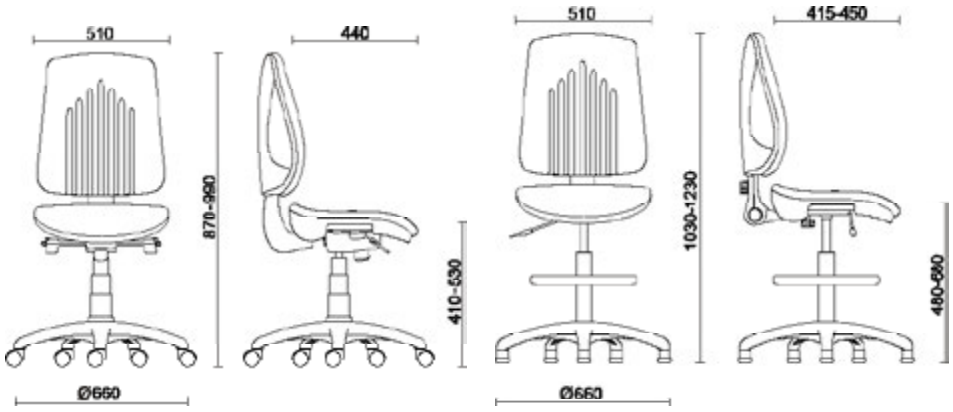
ERGONOMIC AND ADJUSTABLE

1 Mas back is ergonomic and adjustable thanks to the Up&Down that allows adjusting the height.

MORE THAN A SIMPLE COLLECTION

Different types of upholstery, armrests, bases and casters offer the possibility to choose the most suitable version for your needs.

DIMENSIONS AND MODELS



Operative

Stool

MECHANISMS

	1 MAS
Permanent contact mechanism for the regulation of the back inclination, adjustable in all positions by means of a lateral knob	☐
Synchro mechanism for the seat (-3 degrees) and back (-17 degrees) angle regulation, body weight adjustment, lockable in 4 positions with anti-panic system	☐
Synchro mechanism lockable in 5 positions providing the adjustment of back and seat angle, body-weight adjustment by means of a side handle with anti-shock system.	☐
Gas lift seat height adjustment.	☐

ARMS

Pair of 4D adjustable arms, in height in width through a knob. Polished aluminium support. Soft black polyurethane top, adjustable in depth and pivoting

4D arms, adjustable in height and in width, soft-touch top, pivoting left/right and adjustable in depth.

2D arms, adjustable in height and in width, soft-touch top.

Pair of armrests adjustable in height, black paint steel tube support, black polyurethane soft top with possible pivoting by lifting it.

Pair of fixed armrests in injected polypropylene, black colour.

Arms adjustable in height.

BASES

Piètement 5 branches en font d'aluminium poli, ø 690 mm.

High-resistance 5 star black nylon base with strengthening steel ring, ø 660 mm.

CASTERS

Self-braking rubber casters, ø 50 mm for hard floors.

Free casters, ø 50 mm.

Self-braking casters, ø 50 mm.

Self-braking rubber casters, ø 65 mm for hard floors.

COLOURS, MATERIALS, FINISHING *

STRUCTURE FINISHING

Black
polyamide

UPHOLSTERIES

Fabric
AB Xtreme Plus
19 colours

Fabric
RA
15 colours

Fabric
ME
21 colours

Fabric
BN
12 colours

Fabric
FE
21 colours

Ecological
leather CI
26 colours

Ecological
leather CX
26 colours

* Please refer to the Price list in force and to the General sale conditions for the colours and the combinations available for every single product. Colours shown are used for reference only and may look different in reality. Please contact SitLand to receive more information.

PCON.PLANNER

It is possible to configurate our model 1 Mas by using pCon.planner program for the design of 2D an 3D environment.

pCon.planner allows to design working solutions in a fast and intuitive way, creating "realistic" images with advanced features, with a considerable saving of time and resources.
It is easy to start using pCon.planner: after downloading the software in the proper page, it is possible to download pCon. catalog, the practical online catalogue of products ready to be set up according to anyone's need, and then include the products in the projects.

For more information on the use of pCon. planner and the access to the products of the SitLand's catalogues, please contact com@sitland.com

WARRANTY

1 Mas has 5 years warranty.
For any further detail, please contact SitLand's customer service at service@sitland.com

MORE INFORMATION

Please look through our catalogue to see all the different versions available of 1 Mas

http://www.sitland.com/sitland_catalogues/restart_catalogue/restart_catalogue.html#p=64

or see our 1 Mas page into our web site www.sitland.com

CERTIFICATION D.Lgs. 81/2008

1 Mas complies with the italian norm Dgls. 81/2008.

UNI EN 1335 CERTIFICATION

1 Mas complies with the norm UNI EN 1335-3

The work conditions and the protection of the people at work, as far as safety and health are concerned, provide that "the office chairs" are produced according to the ergonomic principles and the functionality requirements contained in the following norms:
- UNI EN 1335-1, dimensions and and definitions of the dimensions;
- UNI EN 1335-2, safety requirements;
- UNI EN 1335-3, test rpocedures for the safety

The chairs are classified in three different classes according to their specific performance and dimentional characteristics:

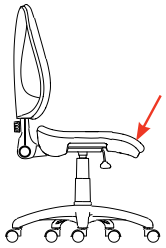
- Class A considers the more restrictive dimensional requirements and mostly respect the anthropometric dimensions from 5 to 95% of the population.
- Class B considers the middle requirements among the classes, respecting the minimum requirements requested by D.Lgs. 81/2008.
- Class C considers the minimum requirements.

UNI EN 1335 CERTIFICATION TESTS

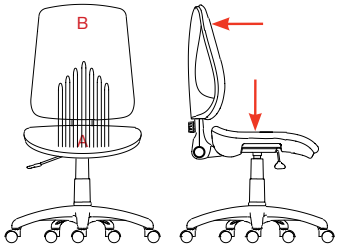
The tests performed are:

on the 1 Mas with permanent contact mechanism and nylon base.

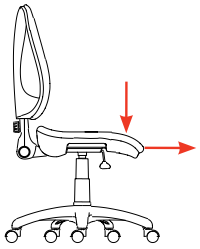
STATIC LOAD ON THE FRONT OF THE SEAT
Load: 1.600 N
Number of cycles: 10



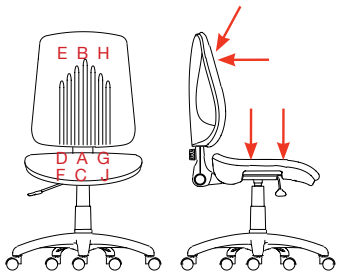
SEAT AND BACK STATIC LOAD TEST
Loading point A: 1.600 N
Loading point B: 560 N
Number of cycles: 10



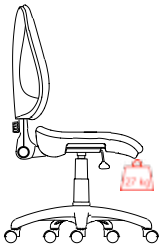
STABILITY TESTS
TILT TOWARD THE FRONT
Vertical force: 600 N
Load: 20 N



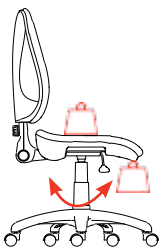
DURABILITY TESTS
ON THE SEAT AND BACK
Loading point A: 1.500 N
Number of cycles: 120.000
Loading point C - B: 1.200 N - 320 N -
Number of cycles: 80.000
Loading point J - E: 1.200 N - 320 N -
Number of cycles: 20.000
Loading point F - H: 1.200 N - 320 N -
Number of cycles: 20.000
Loading point D - G: 1.100 N - 1.100 N -
Number of cycles: 20.000



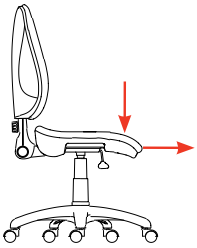
STABILITY TESTS
FRONT TILTING
Load: 27 kg
Applied in the furthest point of the seat from the rotation axis



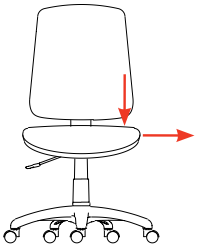
RESISTANCE TO ROLLING
OF THE SEAT WITH NO LOAD
Load: 60 kg, 35 kg
Speed rotation test: 10 cicli/m
Number of cycles: 120.000
Rotation angle: 360°



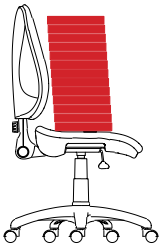
STABILITY TESTS
TILT TOWARD THE FRONT
Vertical force: 600 N
Load: 20 N



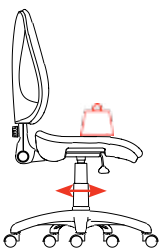
STABILITY TESTS
LATERAL TILTING
Vertical force: 600 N
Horizontal force: 20 N



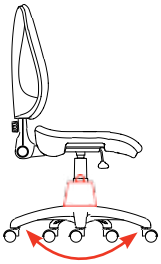
STABILITY TESTS
BACK TILTING FOR SEAT
WITH TILTING BACK
Number of discs: 13
Weight of each disc: 10 kg



RESISTANCE TO ROLLING
OF THE SEAT WITH NO LOAD
Speed test: 50 mm/s
Applied force: 13N
Mininum allowed resistance: 12 N



CASTERS AND BASE RESISTANCE
Load: 110 kg
Speed rotation test: 6 cicli/m
Number of cycles: 36.000
Rotation angle: 0° a 180°

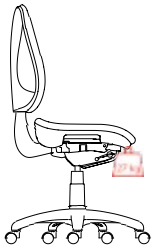


UNI EN 1335 CERTIFICATION TESTS

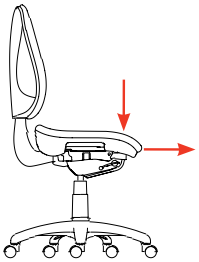
The tests performed are:

on the 1 Mas with synchro mechanism and nylon base.

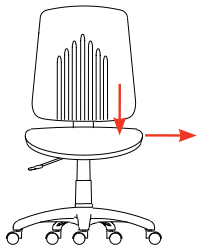
STABILITY TESTS
FRONT TILTING
Load: 27 kg
Applied in the furthest point of the seat from the rotation axis



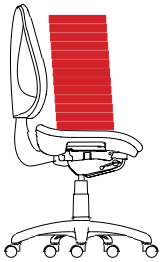
STABILITY TESTS
TILT TOWARD THE FRONT
Vertical force: 600 N
Load: 20 N



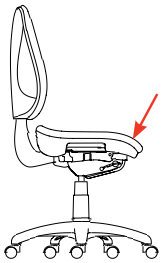
STABILITY TESTS
LATERAL TILTING
Vertical force: 600 N
Horizontal force: 20 N



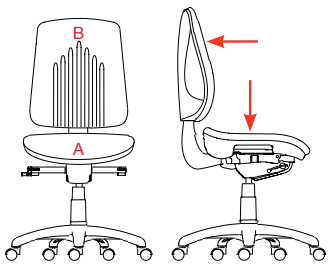
BACK TILTING
FOR SEATS WITH TILTING BACK
Number of discs: 13
Weight of each disc: 10 kg



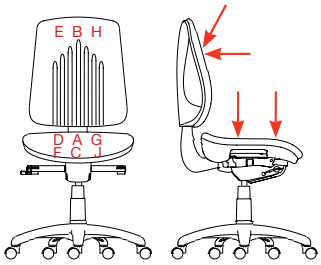
STATIC LOAD
ON THE FRONT OF THE SEATT
Load: 1.600 N
Number of cycles: 10



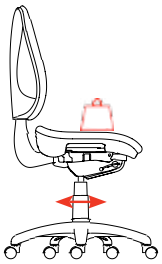
SEAT AND BACK STATIC LOAD TEST
Loading point A: 1.600 N
Loading point B: 560 N
Number of cycles: 10



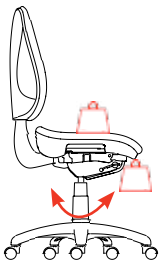
DURABILITY TESTS
ON THE SEAT AND BACK
Loading point A: 1.500 N
Number of cycles: 120.000
Loading point C - B: 1.200 N - 320 N -
Number of cycles: 80.000
Loading point J - E: 1.200 N - 320 N -
Number of cycles: 20.000
Loading point F - H: 1.200 N - 320 N -
Number of cycles: 20.000
Loading point D - G: 1.100 N - 1.100 N -
Number of cycles: 20.000



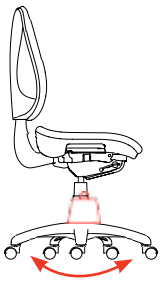
RESISTANCE TO ROLLING
OF THE SEAT WITH NO LOAD
Test speed: 50 mm/s
Applied force: 13N
Mininum allowed resistance: 12 N



RESISTANCE TO ROLLING
OF THE SEAT WITH NO LOAD
Load: 60 kg, 35 kg
Speed rotation test: 10 cicli/m
Number of cycles: 120.000
Rotation angle: 360°



CASTERS AND BASE RESISTANCE
Load: 110 kg
Speed rotation test: 6 cicli/m
Number of cycles: 36.000
Rotation angle: 0° a 180°

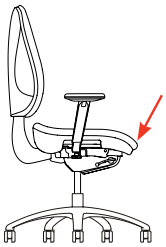


UNI EN 1335 CERTIFICATION TESTS

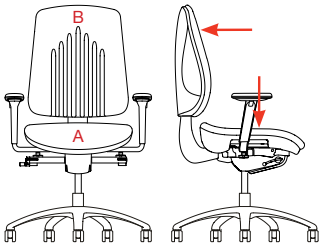
The tests performed are:

on the 1 Mas with synchro mechanism and aluminium base.

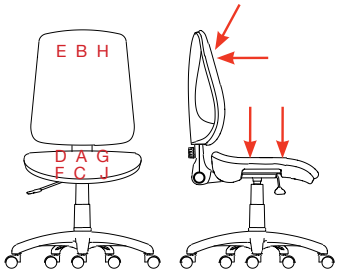
STATIC LOAD
ON THE FRONT OF THE SEAT
Load: 1.600 N
Number of cycles: 10



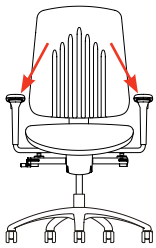
DURABILITY TESTS
ON THE SEAT AND BACK
Seat load: 1600 N
Back load: 560 N
Number of cycles: 5



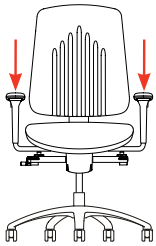
DURABILITY TESTS ON THE SEAT AND BACK
Loading point A: 1.500 N
Number of cycles: 120.000
Loading point C - B: 1.200 N - 320 N -
Number of cycles: 40.000
Loading point J - E: 1.200 N - 320 N -
Number of cycles: 20.000
Loading point F - H: 1.200 N - 320 N -
Number of cycles: 20.000
Loading point D - G: 1.100 N - 1.100 N -
Number of cycles: 20.000



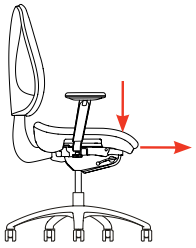
FATIGUE STRENGTH OF ARMRESTS
Load: 400 N
Number of cycles: 60.000



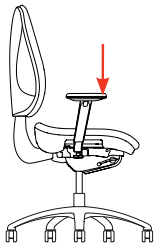
VERTICAL STATIC LOAD AT THE CENTRE OF THE ARM
Load: 750 N - 900 N
Number of cycles: 5



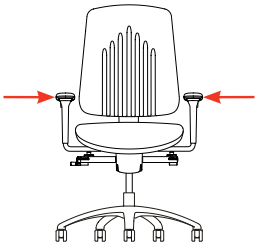
STABILITY TESTS TILT TOWARD THE FRONT
Horizontal force: 20 N



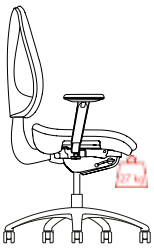
STATIC LOAD ON THE FRONT OF THE ARMS
Load: 450 N
Number of cycles: 5



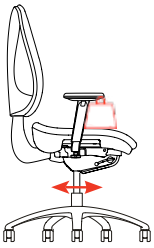
STABILITY TESTS HORIZONTAL STATIC LOAD ON ARMRESTS
Load: 400 N
Number of cycles: 10



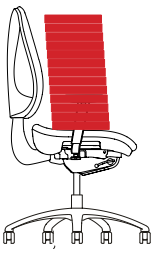
STABILITY TESTS FRONT TILTING
Load: 27 kg
Applied in the furthest point of the seat from the rotation axis



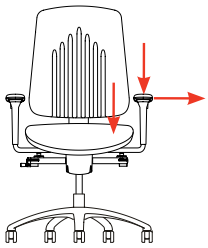
RESISTANCE TO ROLLING
Test speed: 50 mm/s
Force detected: 14,2 N
Mininum allowed resistance: 12 N



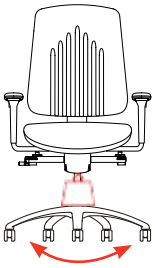
STABILITY TESTS TILT TOWARD THE BACK
Number of discs: 13
Weight of each disc: 10 kg



STABILITY TESTS LATERAL TILTING FOR SEATS WITH ARMRESTS
Horizontal force: 20 N



FATIGUE STRENGTH OF THE CASTERS
Load on the seat: 110 kg
Number of cycles: 36.000



SEAT ROTATION
Load: 60 kg, 35 kg
Number of cycles: 120.000