NEC

Since 1954

Your Seating Excellence

Comfort-03 Plus II

Anatomic & Ergonomic Office Chairs

COMFORT-03 PLUS II

ANATOMIC & ERGONOMIC OFFICE CHAIR

- High back chair with adjustable headrest
- Seat made from mold memory foam
- Adjustable arms in 4 directions with soft polyurethane pad (easy click)
- Tilting mechanism in 4 locking positions (easy click)
- Tilting tension control
- Seat can be depth slide (easy click)
- Lumbar support made from elastic polypropylene with height adjustable
- Class 4 gas lift from Samhongsa Company
- Aluminum base up to 1136 Kg loaded
- Casters with polyurethane surface Φ 60 mm

3 YEARS WARRANTY

BIFMA - SGS

FUNCTIONS

Height adjustable headrest

High density mesh, unbreakable & fire proof

Lumbar support made from elastic polypropylene with height adjustable

4D adjustable arms (forward & backward, angle & height)

Seat made from mold memory foam

Seat can be depth slide (easy click)

Height adjustment (easy click)

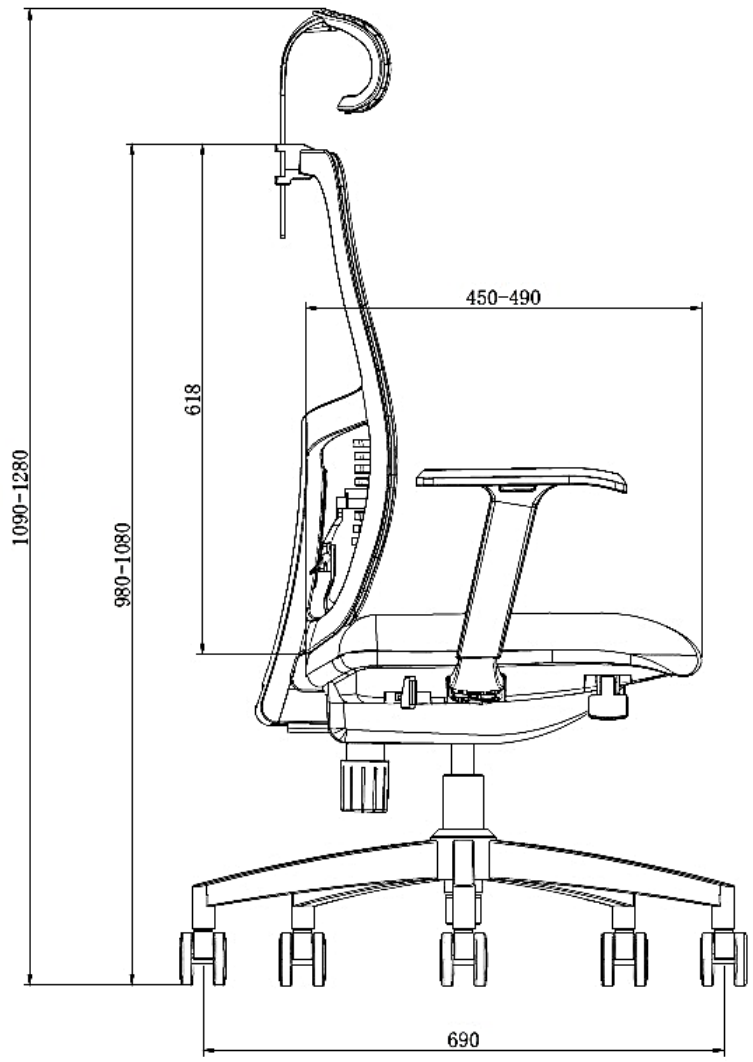
Tilting tension control

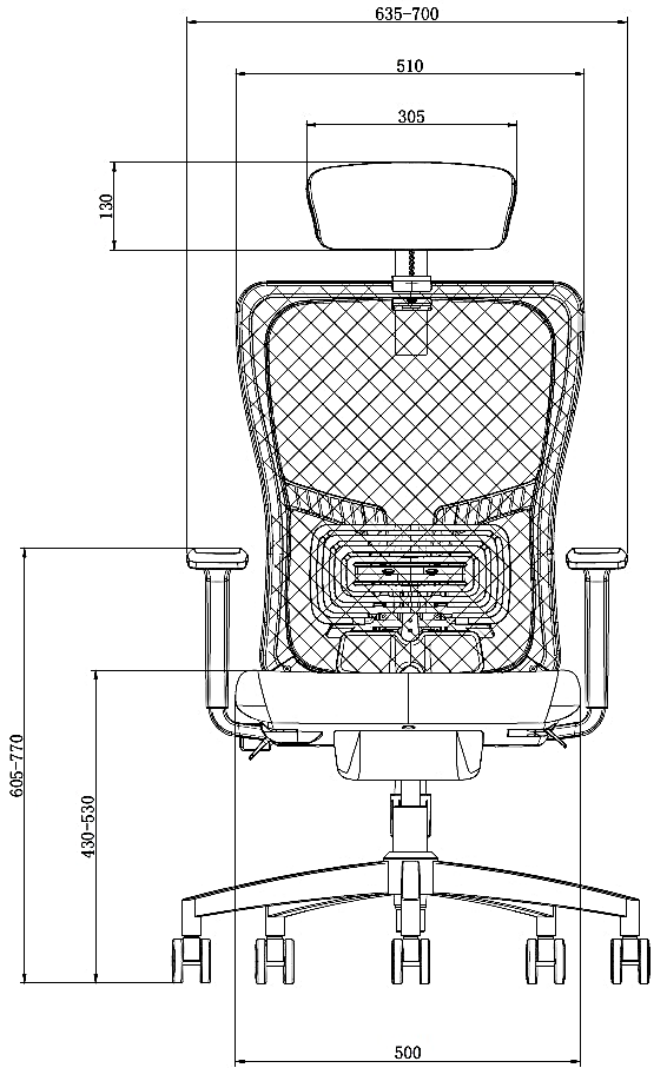
Left & right arms adjustment (easy click)

700 mm aluminum base

Casters with polyurethane surface Φ 60 mm

PRODUCT DIMENSIONS





BIFMA ACCORDING COMPONENTS

Class 4 gas lift from Samhongsa company
Black piston has surface hardening to became extremely strong
Tube thickness 2.5 mm

Casters with polyurethane surface Φ 60 χιλ.

700 mm aluminum base

Seat made from mold memory foam

BIFMA CERTIFICATES

SGS

Test Report No.: GZHL1609042270FT Date: Oct 27, 2016

The following sample(s) was/were submitted and identified on behalf of the client as:

Sample Description	:	OFFICE CHAIR
SGS Ref No.	:	SDHL1609018445FT
Style / Item No.	:	
Sample Receiving Date	:	Sep 28, 2016
Sample Resubmission Date	:	Oct 20, 2016
Test Performing Date	:	Sep 28, 2016 to Oct 26, 2016

Test Result Summary

Test(s) Requested	Result(s)
Partial tests of ANSI/BIFMA X5.1:2011 (Type I, III)	PASS

Summary:

1. For further details, please refer to the following page(s).

Signed for and on behalf of
Guangzhou Branch
SGS-CSTC Ltd.

Arthur Mak
Approved Signatory

SGS

Test Report No.: GZHL1609042270FT Date: Oct 27, 2016

TESTS AND RESULTS

Test Conducted:
Partial tests of ANSI/BIFMA X5.1:2011 General-Purpose Office Chairs – Tests.

No. of Sample:
1 piece (Sample 1). For more sample information and pictures, please refer to the following page.

Chair Type: Type I, III.

Test and Requirements	Test Results
Safety, Durability and Structural Adequacy	
5 Backrest Strength Test - Static - Type I	
5.4.1 Functional Load There shall be no loss of serviceability to the chair when 890 N (200 lbf.) is applied to the backrest at the specified position for one (1) minute. With the backrest at its back stop position, apply a force that is initially 90 degrees ± 10 degrees to the plane of the backrest. The force is not intended to be maintained at 90 degrees ± 10 degrees throughout the loading of the backrest.	PASS
5.4.2 Proof Load There shall be no sudden and major change in the structural integrity of the chair, loss of serviceability is acceptable, when 1334 N (300 lbf.) is applied to the backrest at the specified position for one (1) minute. With the backrest at its back stop position, apply a force that is initially 90 degrees ± 10 degrees to the plane of the backrest. The force is not intended to be maintained at 90 degrees ± 10 degrees throughout the loading of the backrest.	PASS
8 Drop Test - Dynamic	
8.4.1 Functional Load Test There shall be no loss of serviceability when a test bag weighing 102 kg (225 lb.) is free fell from152 mm (6 in.) above the uncompressed seat to the specified position on seat. Remove the bag, and set height to its lowest position and repeat the test for chairs with seat height adjustment features.	PASS
8.4.2 Proof Load Test There shall be no sudden and major change in the structural integrity of the chair. Loss of serviceability is acceptable when a test bag weighing 136 kg (300 lb.) is free fell from152 mm (6 in.) above the uncompressed seat to the specified position on seat. Remove the bag, and set height to its lowest position and repeat the test for chairs with seat height adjustment features.	PASS

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Test Report No.: GZHL1609042270FT Date: Oct 27, 2016

Test and Requirements	Test Results
12.3.2 Rear Stability Test for Type I and II Chairs Place a support fixture made of a 1.5 mm ± 0.4 mm (0.060 in. ± 0.015 in.) thick polypropylene, 356 mm (14 in.) wide and 711 mm (28 in.) tall against the chair back so that it approximates the contour of the back. Load the chair with 13 disks. Place the first disk on the seat so it touches the support fixture. As each disk is added to the stack slide it along the lower disk until it contacts the support fixture. If the chair does not tip over and the tilt mechanism does not tilt to its most rearward position (i.e., at its tilt stop) when the disks are placed in the chair, the chair shall also be tested according to 12.3.1 with the chair in the unlocked position. The chair shall not tip over.	PASS
12.4 Front Stability Test Procedure - Alternative A (This alternative may only be used on chairs that do not have a seat surface that will support the stability loading fixture (i.e., mesh, web or strap seat support surfaces)) Apply a vertical load of 600 N (135 lbf.), through a 200 mm (7.87 in.) diameter disk, the center of which is 60 mm (2.4 in.) from the front center edge of the load-bearing surface of the seat. Apply a horizontal force of 20 N (4.5 lbf.) at the same level of the plane of the top of the seat. The force shall be coincident with the side-to-side centerline of the seat. Test Procedure - Alternative B Apply a vertical load of 600 N (135 lbf.), by means of the front stability loading fixture at a point 60 mm (2.4 in.) from the front center edge of the load-bearing surface of the chair. Apply a horizontal force of 20 N (4.5 lbf.) at the same level of the plane of the top of the seat. The force shall be coincident with the side-to-side centerline of the seat. The chair shall not tip over as the result of the force application.	PASS

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