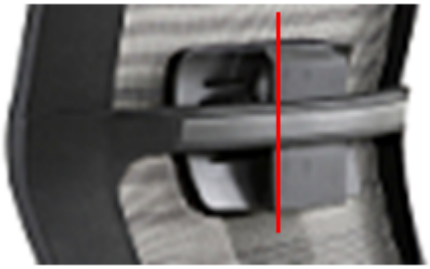
# T04 SERIES

Elegant design,big size,comfortable feeling

Three-position lock
synchro mechanism

Adjustable headrest

2D arm



Soft height adjustable lumbar

# Hightlight

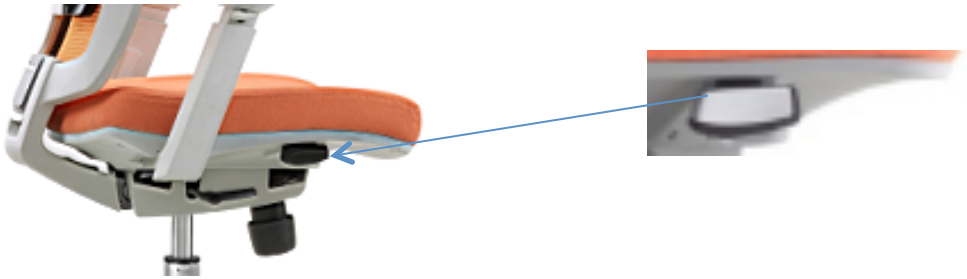
① Headrest can be an accessory, customer just need to stock medium back chair and headrest, easy to change from medium back to high back.

② 3D arm is optional

Functions:

①Height adjustment
②Sliding forward and backward
③Width adjustment

③ Sliding seat is optional

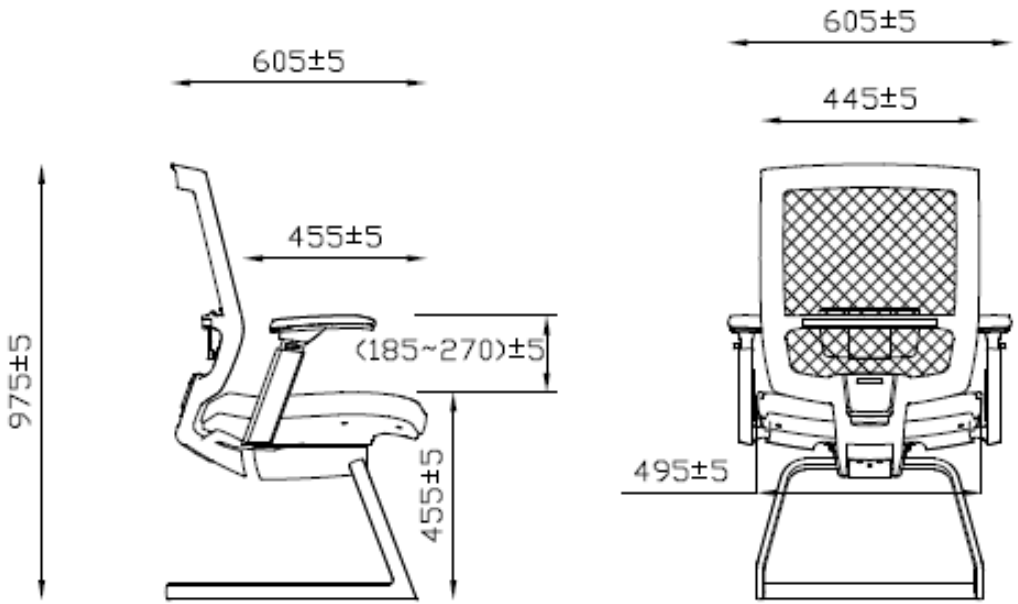


# 3-lock auto balance synchronous mechanisms

| | |
|---|---|
| T04H | HIGH BACK CHAIR WITH ADJUSTABLE HEADREST, YIDARTEX MESH(KOREAN MESH IS OPTIONAL),MOULDED FOAM&TAIWAN FUCHI FABRIC FOR SEAT AND HEADREST,2D ARM,ADJUSTABLE SOFT LUMBAR,THREE POSITION LOCK SYNCHRONOUS MECHANISM,330MM NYLON BASE(350 ALU./NYLON BASE ARE OPTIONAL) |

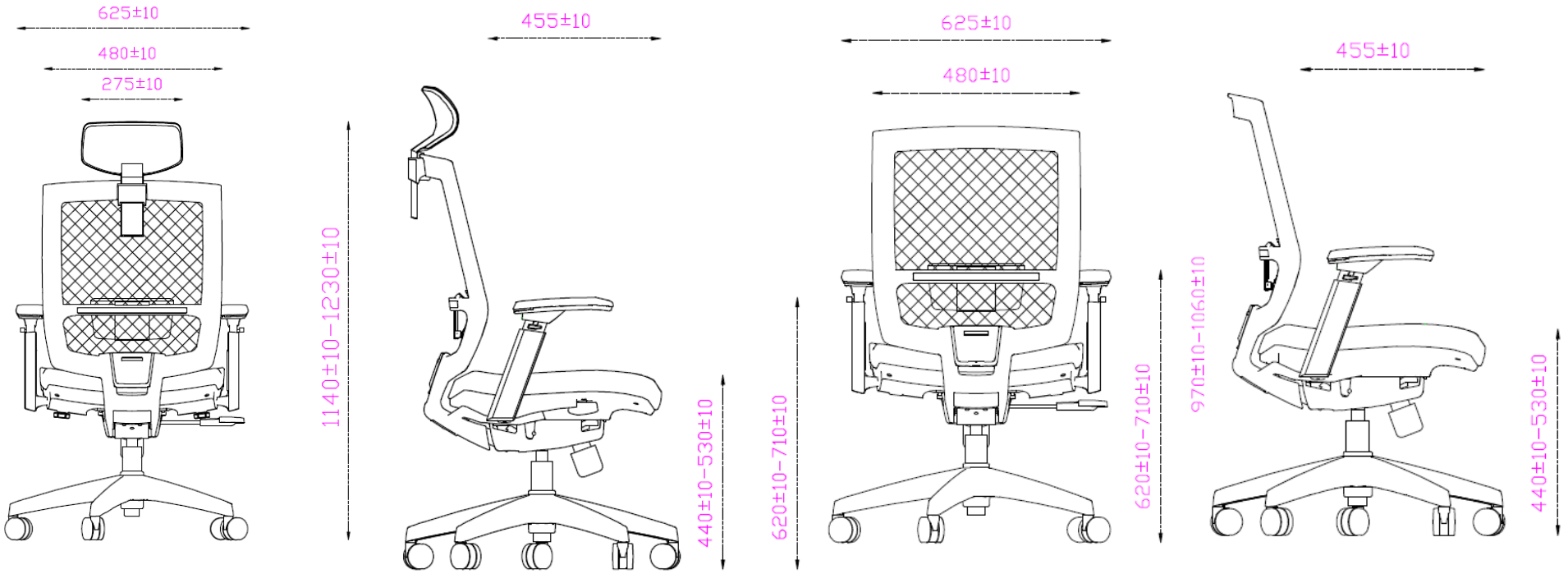



| | | |
|---|---|---|
| | T04M | MEDIUM BACK CHAIR , YIDARTEX MESH(KOREAN MESH IS OPTIONAL), MOULDED FOAM&TAIWAN FUCHI FABRIC FOR SEAT ,2D ARM,ADJUSTABLE SOFT LUMBAR,THREE POSITION LOCK SYNCHRONOUS MECHANISM,330MM NYLON BASE(350 ALU./NYLON BASE ARE OPTIONAL) |




# T04E

| | |
|---|---|
| T04E | VISITOR CHAIR, YIDARTEX MESH(KOREAN MESH IS OPTIONAL),MOULDED FOAM FOR SEAT,TAIWAN FUCHI SEAT FABRIC,2D ARM, POWDER COATED SLED BASE |



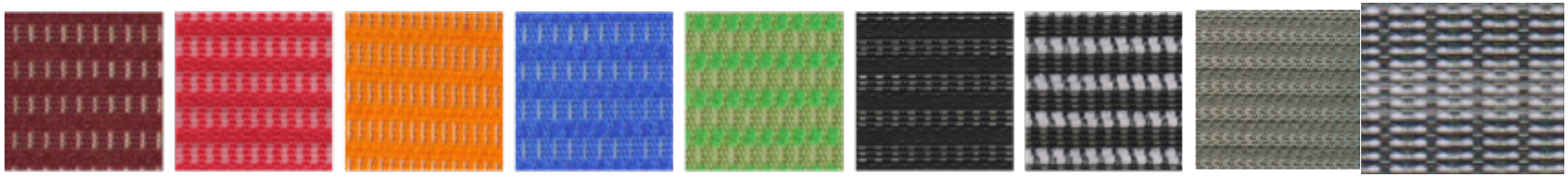

# T04H

# T04M

● Seat fabric

TC-01 TC-02 TC-08

● Back mesh

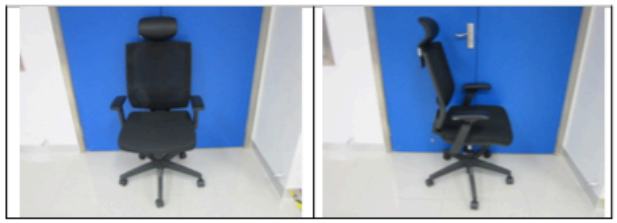


TD-02 TD-03 TD-04 TD-05 TD-06 TD-07 TD-08 TD-09 TD-10

# BIFMA APPROVED

Height : 110,5cm —119,8cm
Width : 63,7cm
Depth : 67,7cm
Net weight: 17,0KG

### 1.3 Product Photos



## 2 Order

### 2.1 Date of Purchase Order, Customer's Reference

2015-03-07

### 2.5 Points of Non-compliance or Exceptions of the Test Procedure

Non

## 3 Test Results

Abbreviations:
P(ass) = passed F(ail) = failed NA = not applicable NT = not tested

ANSI/BIFMA X5.1-2011

| Clause | Requirement –Test | Measuring result -Remark | Verdict |
|---|---|---|---|
| 5.4.1 | Back Strength Test - Static - Type I - Functional Load<br>Back force: 890 N (200 lbf.), 90 degree to the backrest, max 16 inch above the seat.<br>Loading period: 1 minute<br>Acceptance level: No loss of serviceability. | | NA |
| 5.4.2 | Back Strength Test - Static - Type I - Proof Load<br>Back force: 1334 N (300 lbf.), 90 degree to the backrest, max 16 inch above the seat.<br>Loading period: 1 minute<br>Acceptance level: No sudden and major change in the structural integrity of the chair. Loss of serviceability is acceptable. | | NA |
| 5.4.1 | Back Strength Test - Static - Type II & III - Functional Load<br>Back force: 667 N (150 lbf.), 90 degree to the backrest, max 16 inch above the seat.<br>Loading period: 1 minute<br>Acceptance level: No loss of serviceability. | | P |
| 5.4.2 | Back Strength Test - Static - Type II & III - Proof Load<br>Back force: 1112 N (250 lbf.), 90 degree to the backrest, max 16 inch above the seat.<br>Loading period: 1 minute<br>Acceptance level: No sudden and major change in the structural integrity of the chair. Loss of serviceability is acceptable. | | P |

| | | | |
|---|---|---|---|
| 12.3.1 | Stability Test – Rear Stability for type III<br>Apply only to chairs with backrests greater than 200mm<br>Type III:<br>Load the chair with 6 disks, apply a horizontal force to the highest disk. The location of the force application is 6 mm (0.25 in.) from the top of the disk.<br>The force shall be:<br>• F = 0.1964 (1195 – H) Newton. H is the seat height in mm.<br>• [F = 1.1 (47 – H) pounds force.]. H is the seat height in inches.<br>For chairs with seat height equal to or greater than 710 mm (28.0 in.), a fixed force of 93 N (20.9 lbf.) shall be applied.<br>The chair shall not tip over. | | P |
| 12.3.2 | Stability Test – Rear Stability for type I and II<br>Apply only to chairs with backrests greater than 200 mm.<br>Load the chair with 13 disks (each 10 kg), the chair shall not tip over. | | P |
| 12.4 | Stability Test - Front Stability<br>The chair is obstructed with a 13mm (½ in.) obstruction to the chair casters/legs. A downward load of 600 N (135 lb.) is centered 60mm (2.4in.) from the seat front center edge. The seat shall withstand a 20N (4.5lbf.) horizontally from the front seat edge without tipping. | | P |
| 13.4.1 | Arm Strength Test Vertical - Static - Functional Load<br>Test load: 750 N (169 lbf.) at weakest point of arm with all adjustments set at normal use conditions.<br>Loading period: 1 minute.<br>Acceptance level: no loss of serviceability | | P |
| 13.4.2 | Arm Strength Test Vertical – Static - Proof Load<br>Test load: 1125 N (253 lbf.) at weakest point of arm with all adjustments set at normal use conditions.<br>Loading period: 1 minute.<br>Acceptance level: no sudden and major change in the structural integrity of the unit. Loss of serviceability is acceptable. | | P |

| | | | |
|---|---|---|---|
| 22 | Out Stop Tests for Chairs with Manually Adjustable Seat Depth<br>Place a 74 kg (163 lb) rigid mass in the center of the seat. Hold the seat at its most position. A cable is attached to the most rigid point of the vertical centerline of the seat. Hang a weight of 25 kg (55 lb) on the opposite end of the cable. Release the weight so it can drag the seat move forward rapidly and impact | Not applicable. | NA |
| 23 | Tablet Arm Static Load Test<br>Test load: 68 kg (150 lb.) at apparent weakest point for 1 minute<br>The load applied once shall cause no sudden and major change in the structural integrity of the chair. After performing the test, the tablet arm must allow egress from the unit; other losses of serviceability are acceptable. | No tablet arm. | NA |
| 24 | Tablet Arm Load Ease Test – Cyclic<br>Test load: 343 N (77 lbf.)<br>Cycles: 100,000 cycles<br>Acceptance level: No loss of serviceability | No tablet arm. | NA |

**TÜV SÜD Certification and Testing (China) Co., Ltd. Shenzhen Branch**
**TÜV SÜD Group**

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**James Huang**
**Project Handler**

Technical Report checked: Kelly Zheng
**Kelly Zheng**
**Designated Reviewer**

--- End of Report ---