



大將作 動態工作站  
TCT Dynamic Workstation



### The Leader in Truly Ergonomic Furniture

TCT NANOTEC has manufactured quality furniture in Taiwan for 40 years. We always took the next step in manufacturing truly ergonomic products for daily use.

We make use of all of our experience to maintain good health and have designed our furniture based upon recommendations we have found in reports and studies done by various doctors and organizations devoted to promoting good physical health. We have also searched the world over to provide only the best quality materials possible to be used on all of our products.

### 人體工學家具領導品牌

您，可能知道大將作集團，也聽過大將作家具，不是因為大將作在台灣已50年，而是因為大將作家具在人因工程學界的努力貢獻與對產品設計的堅持。

下一個姿勢永遠是最健康的姿勢，長久以來人們對健康的高度重視及科技的廣泛鑽研，衍生出各種符合“人體工學”規範的產品，殊不知在正確與舒適的動作姿勢，只要維持一段時間就會感到疲累不舒服，身為動物的我們，必須依靠不停的活動來釋放受力骨骼與肌肉的壓力。只要同一姿勢維持久了，便容易對身體造成危害。

許多歐美國家的政府機構與大型企業，都十分重視長時間辦公時對身體帶來的傷害，甚至已開始使用昂貴的電動桌來解決脊椎病變的問題。除了電動升降機構，大將作也不斷研發能夠取代電動的專利機構，讓一般家庭能夠用更實惠的價格使用人體工學桌，為您創造更舒適、健康的工作與學習環境。



### Height Adjustable

Our German made STABILUS gas lift allows TCT products to be raised and lowered for greatest efficiency in adjusting the height of your workspace.

透過德國專利升降裝置，您可以輕易的將桌面調整至符合人體工學的高度，降低肩頸部的壓力，提升工作效率。



### Pro-Computing

Patented mechanism equipped. Best positions for individual computing-related-job. Stress releasing! Pro-user's favorite.

專利傾仰調節機構，提供專業的電腦工作者快速的微調鍵盤與滑鼠工作空間的高度與正負角，能有效釋放肩頸腕部關節所累積的壓力。



### Non-reflection

PU surface dulls the light comforts the eyes, advantages to working environment.

大將作採用的PU鋼琴烤漆，能有效吸收多餘的光線，降低眼部因桌面反光所帶來的刺激，給您舒適的工作環境。



### Dynamic-Angles

Adjusting the perfect angles of the surface you use for writing, reading and drawing. You now have the ability to work with less stress upon your body.

符合ISO人體工學標準的角度調節功能，能依據不同的工作需求，給您最舒適的角度。

書寫時將桌板調至15°，能降低手臂的疲勞並使坐姿自然挺立  
閱讀時將桌板調至45°，能降低視差帶來的眼部負擔。



### Sit & Stand

Switching positions while working sit or stand. "The Best Position is always the next Position".

長時間坐著工作已讓您的腰部疼痛不已了嗎？現在，您只需要簡單的幾個步驟，即可切換坐姿與站姿並繼續您的工作，不用再擔心脊椎的疼痛與病變。



### Environmental

Use only E0, E1 chipboard and toxic-free powder paint applied to metal pieces. The only choice of TCT!

使用通過美國與歐盟認證的無毒漆料與頂級的E0.E1超低甲醃環保板材。大將作的用心，是您健康的最佳保證。



德國藍天使標章



德國萊因認證



歐盟CE標章



生態保護認證



使用低甲醃環保材



通過歐盟重金屬標準規範



通過美國消費安全法



# G2-L

Dynamic Working Desk  
Writing & Reading

動態文書桌  
書寫&閱讀



“滿足工作與休閒的您”



# G3

Dynamic Computing Desk

Sit & Stand

動態電腦桌

坐&站



“詮釋藝術與人體工學  
兼容並蓄的頂級工藝”





“時尚 隨性 專屬於您”



# G5

Portable Tilt Table  
Multi & Stylish

多用途邊桌  
休閒&樂活



105  
HEIGHT  
67

ANGLES  
READING & WRITING

SIT  
STAND

ECO  
ENVIRONMENTAL

NON  
REFLECTION  
PU PAINTING

**N3  
& N3-K**

Dynamic Office Desk  
Professional & Comfort

動態辦公桌  
專業&舒適



88  
58  
HEIGHT

PRO  
COMPUTING

NON  
REFLECTION  
PU PAINTING

ECO  
ENVIRONMENTAL





## Have you suffered from some sort of work-related injury?

您也為肩頸痠痛或脊椎病變所苦嗎？

If you are reading this, the chances are that you have suffered from some sort of work-related injury; experts say an astounding 90 % of people complain of problems due to stress, overuse of muscles poor posture at work. The most common complain is neck and back pain, these can range from tension headaches to sciatica, which are generally due to incorrect workstation ergonomic, a lack of education and awareness on correct sitting postures, and too much time at the desk. . If left untreated, pain can become chronic, with radiating pain, numbness and weakness in the extremities.

如果您正在閱讀這篇文章，有很高的機率，您已經罹患了現代職業病。根據學者的調查，有90%的上班族，因為不正確的坐姿、使用過高的桌子、長時間保持同一個姿勢等，使肌肉與關節負荷過重，產生局部性疼痛。如果我們忽視這些身體帶來的警訊，我們的身體將產生職業性病變，永遠無法恢復原本的機能。

it is vitally important to have a workstation which suit with your body figure. Nonetheless take regular breaks, exchange poses sit and stand from the computer throughout the day, it could certainly release the pressure, ease the pain. As TCT believes " The Best Position Is Always The Next"

每個人的身型不同，就如同衣服需要合身，適合的桌椅高度與角度也不盡相同，依據個人工作內容挑選合適的桌椅，能夠幫助身體各部位的肌肉與關節調整至最適合的平均受力，自然就能減輕局部性病變的可能。儘管如此，我們還是需要透過改變姿勢，伸展肌肉組織，才能完全釋放壓力，保持身體的健康與舒適。所以，沒有任何的姿勢是最正確的，就如同大將作動態工作站的理念一樣-下一個姿勢 才是最健康的姿勢。

## The Stress of third vertebra while you...

脊椎於各種姿勢下所承受壓力..

### Standing

挺直站立



### Sit Straightly

端坐



### Hunch Back

駝背



## Why Choose TCT?

為何選擇大將作？

Considering not only adjust the desk height for body figure, but the positions of writing, reading, drawing need different angles & height. The Germany made Stabilus gas lift allows TCT products raised speedy in greatest efficiency. Aside from sizes have ergonomic thought, body gesture, vertebra of the back, neck are all involved when designing.

Bones & joints in different places bearing different pressure, in consideration of most comfort and less pressure to human body so the work-station mode is formed and created. By sitting & standing in different ways and angles, the human body receive minimum harm from hours working. The work-station tiltable, adjustable designs enable users choosing their best positions while sitting and standing during working. A best ergo-product offers the most relaxed feelings in the meanwhile keep the spine upright.

大將作動態工作站系列產品，是依據國際ISO人體工學標準所設計，並通過脊椎保護協會認證，能夠符合不同年齡與身材需求，快速且輕鬆的調整至最適合的工作高度，減輕肩膀與手臂的負擔。在文書處理工作時，您也能透過改變工作平台的角度，降低書寫與閱讀手臂與手腕的負擔。在專業電腦工作上，可以透過傾仰功能，將滑鼠與鍵盤調整至最舒適的位置，更可以使用Sit&Stand模式保持工作進度，站起來活動筋骨，如此可避免惱人的腰痛。使用大將作動態工作站系列產品，依據不同的工作情境改變桌高與角度，將會是您最舒適的工作體驗。



## How TCT products improve posture and less my stress

### 如何使用動態工作站 避免肩頸酸痛與脊椎病變

TCT desks incorporate a made in Germany STABILUS gas lift system so you can easily adjust the height of the desk for anyone from 3 years old to adult with one easy pull of the adjustment control knob. This allows you to maintain good posture for reading, writing and working. Proper adjustments will relieve any stress from neck, shoulder, spine and eyes.

Keep only one working postures is always the reason to cause pain in the neck, shoulders & back as well as possible spinal problems. It is recommended you A maximum of 20 minutes per individual standing or sitting phase, two to four position changes per hour and frequent standing for short periods instead of sitting.



Cross Legged 盤腿



Sit 坐姿



Stand 站姿

透過德國STABILUS專利升降機構，只需一個按鈕，您就可以將桌子調整至舒適的高度，滿足您各種工作型態的需求，並透過改變姿勢來舒展身體各部位，已減緩因長時間工作所累積的壓力。經過亞洲脊椎保護協會認證，正確的使用大將作動態工作站產品，能有效的協助使用者改善肩頸腕部與脊椎病變。我們建議您，每20分鐘改變一次工作姿勢，常常站起來伸展脊椎取以代長時間坐著，您會發現舒適、健康、效率看得見。

The most comfortable angle for writing is different for everyone. Basically you would wish your eyes and your fingers to be at the same angle of about 15 degrees as suggested by Dr. Jan Dul, Professor of Ergonomics, Erasmus University, Rotterdam. When the angle of the desk is too acute the angle of the hand and wrist are unnatural and could cause carpal tunnel problems. The reverse is also true so if the angle is too flat it causes the writer to hunch over placing strain on the back and shoulders. You can easily adjust all of our desktops to the proper recommended 15 degree angle for writing.

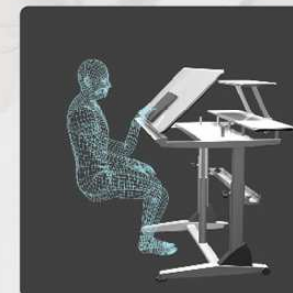
According to ISO recommended standards the proper angle for reading is 30°-60° degrees above horizontal. Generally the human neck will bend forward 5 degrees naturally. However when one has to bend forward more than natural it places a great deal of strain on the neck and shoulders causing a lack of concentration and shorter reading times before feeling stress in the upper neck and shoulder areas. While computing, Wrist and Keyboard should be properly aligned without bending the wrist too much, in order to avoid musculoskeletal disorder. Our desktops are easily adjusted for the most comfortable reading angle for you and your child.



Typing 工作平台



Writing 書寫



Reading 閱讀

根據國際標準作業組織的調查，各種工作型態皆有最符合人體工學的姿勢。書寫時將桌板調高至15°，能讓手腕保持在最合適的書寫姿勢，使肩膀與脊椎向後自然挺直，改善肩膀微提與背部下意識離開椅背所增加的額外負擔。而閱讀時所要求的桌高與角度都比書寫時高，應將桌子調整至主視線高度，並將桌面調整至30°-60°，以使視線與書本呈90°，如此方可降低眼睛頻繁調整焦距所產生的疲勞感。而從事電腦工作時請您適時調整操作平台，使小臂與鍵盤保持水平線，避免手腕過度彎折。所以無論您在做什麼，請您秉持“下一個姿勢 才是最健康的姿勢”精神。現在，就和大將作動態工作站一起體驗舒適無負擔的工作環境吧！





### G3 動態電腦桌 W120\*D83\*H45~101cm ±1

- 專為電腦工作者設計
- 德國頂級氣壓式升降機構
- 坐&站姿 雙模式機構
- 肩頸腕舒壓傾仰桌板
- 低反光鋼琴烤漆面板
- 抗氧化精密粉體烤漆
- 附整線槽
- Design For Computer Workers
- Stabilus Gas Elevating Mechanism
- Sit & Stand Double Posture Model
- Angle Adjustable Working Surface
- PU Painting Varnish(MDF)
- Powder Coating
- Wire Management



### G2 動態文書桌 W117\*D79\*H67~93cm ±1

- 專為文書處理工作者設計
- 德國頂級氣壓式升降機構
- 書寫&閱讀角度可變式桌板
- 低反光鋼琴烤漆面板
- 抗氧化精密粉體烤漆
- 附整線槽
- Design For Reading & Writing
- Stabilus Gas Elevating Mechanism
- Angle Adjustable Working Surface
- PU Painting Varnish(MDF)
- Powder Coating
- Wire Management



### G5 多用途邊桌 W60\*D48\*H67~105 ±1

- 專為平板電腦使用者設計
- 0°~60°角度可變式桌板
- 坐&站姿皆可使用
- 低反光鋼琴烤漆面板
- 抗氧化精密粉體烤漆
- Design For Tablet PC
- Sit & Stand Double Posture Model
- Angle Adjustable Working Surface
- PU Painting Varnish(MDF)
- Powder Coating



### N3/N3-K 動態辦公桌 N3:W140\*D84\*H58~88cm ±1 N3-K:W150\*D84\*H58~88cm ±1

- 專為家庭辦公室設計
- 肩頸腕舒壓傾仰機構
- 低反光鋼琴烤漆面板
- 抗氧化精密粉體烤漆
- 附整線槽
- 內藏式三抽收納櫃(N3-K)
- Design For Home Office
- Angle Adjustable Working Surface
- PU Painting Varnish(MDF)
- Powder Coating
- Wire Management
- 3 Drawer Unit Included (N3-K)



### EZ2C 網椅 W72\*D72\*H100cm

- 經典人體工學椅
- 透氣網布設計
- M.D.I氣壓升降裝置
- 同步傾仰機構
- 支撐力與座深調整
- 附頭枕與腰靠
- Waterfall Seat Design
- Sync-Tilt Movement
- Tension Adjustment
- Molded High Density Foam Seat
- Unique Butterfly Lumbar
- Adjustable Head Rest



### Slim Chair 輕網椅 W60\*WD60\*H93cm

- 經典人體工學椅
- 透氣網布設計
- M.D.I氣壓升降裝置
- 同步傾仰機構
- 附3D扶手與腰靠
- Waterfall Seat Design
- Sync-Tilt Movement
- Molded High Density Foam Seat
- Elastic Mesh Seat and Back
- 3D Adjustable Arm Rest.



### Multi-Bookshelf 記事書架 W100\*D30\*H180cm

- 動態桌專用書架
- 可保留桌面升降空間
- 輕鬆調整層板高度
- 防脫落卡榫
- 附低反光鋼琴烤漆面板\*2
- 附留言板磁鐵組組
- Design For Dynamic Desk
- Height Adjustable Shelf
- Patented Safety design
- 2 PU Painting Varnish Shelf Included
- Memo Board Included



### 3 Drawers Unit 書架櫃 W42\*D59.5\*H60.5~75.5

### 2 Drawers Unit 平台升降櫃 W39\*D57\*H66

- 檯面7段高度調整(3 Drawers)
- 開放式書架(2 Drawers)
- 抗氧化精密粉體烤漆
- 抽屜連動鎖
- 附文具置物盤及隔間
- Sync-Height Adjustment (3 Drawers Unit)
- Open-Bookshelf (2 Drawers Unit)
- Powder Coating
- Sync-Locker
- Supplies Tray and Filing Dividers Included



### T5 Desk Lamp T5檯燈 W60\*D4\*H90cm

- 德國IF設計獎設計師作品
- 微電磁新式電子安定器
- 600mm大範圍照明
- 精選4000K暖白色光
- 附美國奇異T5燈管
- Low- Electromagnetic Wave
- 600mm Extensive Lighting
- 4000K Natural White Color
- GE T5 Tube Included



### Table Pad 微纖革桌墊 W60\*D30\*H0.5cm

- 具真皮質感
- 環保可回收材質
- Artificial Leather
- Environmentally Friendly



### Wrist Rest 護腕墊 W58\*D6.9\*H2.5cm

- 低反彈SPR環保材質
- 凹凸設計透氣萊卡布
- 提供舒適的鍵盤與滑鼠操作空間
- Design For Keyboard User
- 580mm Extensive Support
- SPR Low Rebound Material
- Environmentally Friendly



### Bookends 小樹書檔 W14\*D15\*G19.5cm

2012年設計師新品  
可愛的品牌小鳥  
能幫您整理雜亂的書籍  
也為繁瑣的工作空間  
換上年輕色彩的活力氛圍

Tried of office Miscellaneous?  
This Cutey Bookends can helps  
to organize messy books and  
"Bring the annoy things away!!"



### Pen Case 水漾筆筒 W11.5\*D11.5\*H11.5cm

悠游的曲線如水漾般的  
花卉描繪出設計師品味  
的自由無限

This Pen Case shows a colorful  
flower made with water to  
describe the infinity of designer's  
Imagination.