



MOST SUITABLE FOR VERTICAL MACHINE CENTER

最適合立式綜合切削加工機，銑床使用

MODEL • 07712130 TSB-130T • 07712200 TSB-200T
• 07712160 TSB-160T

MODEL • 07714100 TSB-100U • 07714160 TSB-160U
• 07714130 TSB-130U • 07714200 TSB-200U



0 ~ 45°



0 ~ 45°

0 ~ 360°

EXAMPLE A / 範例 A (0~45°)



0~45°

EXAMPLE B / 範例 B (0~45°+0~360°)



0~360°

0~45°

The T-slot on table could fasten the work piece to carry out 0~45° and 2 dimension angle machining.

工作台上T型槽，可以直接固定工件，亦可裝上虎鉗做0~45°斜度加工，可以達2度空間角度加工。

This type can only be fitted with vise for 0~45° tilt adjustment. The vise can be tuned from 0~360° to perform 3 dimension angle work.

此種型式只能裝上虎鉗，其可以0~45°做傾斜調整，其虎鉗亦可0~360°角度任意調整，以達3度空間角度加工。

FEATURES :

- Suitable for MC machining center, milling machine, EDM and other special machines to carry out tilt processing operation.
- Slant degree is between 0~45°. Angle can be fine tuned with worm and worm gear.
- Each fine-tuning scale equals 2 degree. The smallest scale is 60 seconds with another 1/60-second marks on the secondary scale.
- The body is made of steel with high rigidity. Sliding surface is heat treatment and processed with fine grinding.
- Once the tuning is fixed and properly fastened, heavy duty can be performed. There will be no loss of accuracy caused by heavy duty work.
- This universal tilt working table can be categorized into two types:
 - A) Working table with T-slot which can lock work piece for heavy duty machining. (0~45° adjustable angle)
 - B) Working table which can be in-cooperated with vise for heavy duty machining. (Adjustable 0~45° working table and 0~360° vise rotary angle)

特性:

- 適用於MC綜合切削加工機、銑床、放電加工機，或其他特殊機械做傾斜加工用。
- 傾斜角度可從0~45°任意調整，角度調整設計有渦桿、渦輪，可微調精密角度。
- 微調刻劃每一圈為2°，最小刻劃為1分，副尺再刻有60秒。
- 整台剛性結構極佳，並全部採用鋼材製造，滑動面經熱處理，精密研磨。
- 角度微調並鎖定之後，可做重切削加工，其精度不因重切削而使角度精度流失。
- 本萬能傾斜工作台分兩種型式：
 - A. 工作台設有T型槽，可將工件直接固定在工作台面，直接做重切削加工。(調整角度0~45°)。
 - B. 工作台面可直接連結協威製虎鉗來夾緊工件，來做重切削加工。(調整角度0~45°，虎鉗迴轉角度0~360°)。



MC TILT TABLE (WHOLE STEEL)

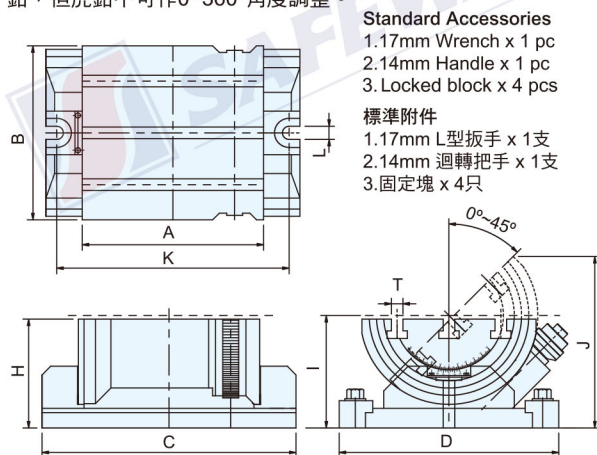
MC 精密型 / 傾斜工作台 (全鋼製)

OPERATION / 角度調整使用說明圖例:

Use hex. head wrench to loose the fixed screw. 首先用六角扳手，將固定螺絲鬆開。	Adjust to the right angle by means of the handle and use angle scale (Fig. 4) and secondary scale (Fig. 3) to get the correct angle. 利用把手順時鐘旋轉至所需角度，並利用角度主尺(圖3所示)及副尺(圖4所示)可調整至精確角度。	Angle scale (min. scale 1 degree and 1 second) 角度主尺(最小顯示1°及1分)
The secondary scale (2 degree for each round. Min. mark 10 second) 角度副尺(每轉一圈2°可最小顯示1分)	After the fine-tuning, use hex. wrench to fasten the fixed screws. It is now ready for heavy duty machining. 角度已調整好之後，再用六角扳手將2支固定螺絲固定好，此時角度已固定好，可進行切削加工。	0~360° adjustment. Insert vise into the slot and turn to the right angle to fasten the vise. 0~360° 調整，將虎鉗放入直銷內，並轉至所需角度壓塊將虎鉗固定。

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• 07712160 TSB-160T

This model can fasten the work piece directly on to the working table and carry out 0~45° machining. It can in cooperated with vise which can't be adjusted within 0~360°.
此機種可直接工件固定工作台上，作傾斜0~45°加工，亦可裝上虎鉗，但虎鉗不可作0~360°角度調整。

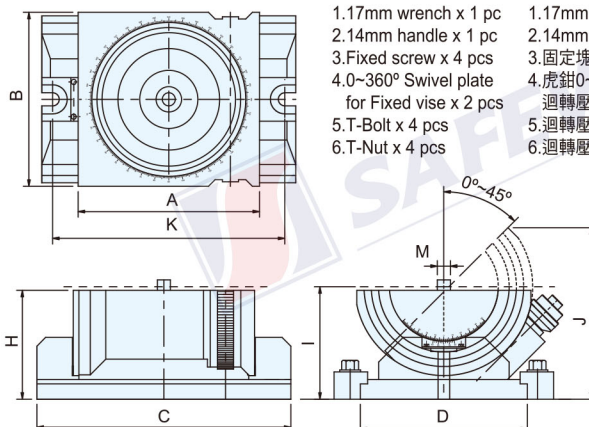


Standard Accessories
1.17mm Wrench x 1 pc
2.14mm Handle x 1 pc
3. Locked block x 4 pcs

標準附件
1.17mm L型扳手 x 1支
2.14mm 迴轉把手 x 1支
3.固定塊 x 4只

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This model must be fitted with vise made by Safeway. Working table can be tilted 0~45° degree and vise can be turned around 0~360° degree.
此機種必須裝上協威所製系列虎鉗於工作台面，工作台可從0~45°傾斜，虎鉗亦可0~360°任意迴轉。



Standard Accessories
1.17mm wrench x 1 pc
2.14mm handle x 1 pc
3.Fixed screw x 4 pcs
4.0~360° Swivel plate
for Fixed vise x 2 pcs
5.T-Bolt x 4 pcs
6.T-Nut x 4 pcs

標準附件
1.17mm L型扳手 x 1支
2.14mm 迴轉把手 x 1支
3.固定塊 x 4只
4.虎鉗0~360°
迴轉壓塊 x 2只
5.迴轉壓塊T型螺絲 x 4只
6.迴轉壓塊用螺帽 x 4支

Unit: mm

Order NO. 訂購編號	Model 型號	A	B	C	D	H	I	J	K	L	T	Title angle 傾斜角	N.W. 淨重	G.W. 毛重	Shipment Size 裝箱尺寸	Remark 備註
07712130	TSB-130T	200	196	300	180	122	127	192	270	18	16	0~45°	30kg			
07712160	TSB-160T	250	240	350	230	150	155	236	320	18	18	0~45°	55kg			
07712200	TSB-200T	290	280	410	255	174	179	274	370	18	18	0~45°	88kg			
Order NO. 訂購編號	Model 型號	A	B	C	D	H	I	J	K	M	Title angle 傾斜角	Swivel angle 迴轉角	N.W. 淨重	G.W. 毛重	Shipment Size 裝箱尺寸	Remark 備註
07714100	TSB-100U	200	196	300	180	122	127	192	270	16	0~45°	0~360°	38kg			
07714130	TSB-130U	200	196	300	180	122	127	192	270	18	0~45°	0~360°	38kg			
07714160	TSB-160U	250	240	350	230	150	155	236	320	18	0~45°	0~360°	58kg			
07714200	TSB-200U	290	280	410	255	174	179	274	370	18	0~45°	0~360°	90kg			