

BC-700T 五軸加工中心機

5 Axes Milling-Turning Machining Center

LEADWELL®



機器特性

五軸同動加工，可減少工件裝卸次數與夾治具製作，縮短加工時間，提升效能。C軸工作台使用DD馬達(車削加工MAX可達800rpm/min)，提供高扭矩及剛性，並解決傳統蝸桿蝸輪背隙及磨耗問題。主軸結合高扭矩及高功率輸出，完整的高剛性結構，可粗銑至精銑在同一機台完成，適合強硬材料加工及非鐵材料加工。

五軸同動加工

- 縮短加工時間提升效能，在曲面加工應用上能有更優良的表現。

旋轉軸補償校正

- 3D接觸式探針自動測量旋轉軸，將傾斜動作造成的定位誤差降至最低。

動態碰撞監控

- 加強機械與操作員的安全性，有助於預防因機械毀損造成的損失。

FEATURES

The 5 axes simultaneous processing, can reduce the times of workpiece unloading and the requirement of the jigs, shorten the processing time and improve performance. C-axis table using the DD motor provides (Turning Speed 800rpm/min) high torque and rigidity, and solve the traditional worm gear backlash and worn problems. High torque and efficiency of the spindle with a complete high-rigidity structure applied results in roughing to finishing can be completed on the same machine, suitable for machining hard materials and non-ferrous materials processing.

5 Axis Fixed Processing

- To shorten the processing time, improve performance.

Rotating axis compensated correction

- 3D touch probe can measure the rotating axis automatically, the positioning will be more accurate.

Dynamic Collision Monitoring

- To enhance safety for the operator and prevent collision mechanically.

型 號 MODEL BC-700T

工作範圍 CAPACITY

X 軸行程 X travel	1300mm
Y 軸行程 Y travel	610mm
Z軸行程(立式/臥式) Z travel(Vertical/Horizontal)	610/750mm

主 軸(夾頭) SPINDLE

主軸轉速 Spindle speeds	12000rpm
鼻端型式 Spindle nose	HSK-63T

刀 塔 TURRET

刀具數 Tool storage capacity	30T
---------------------------	-----

工作 台 TABLE

工作台面積 Table size	1480X610mm
盤面容許載量 Permissible mass of workpiece	1600kg
C軸工作台面積 C axis table size	φ 600

進 給 率 FEED RATE

X/Y/Z快速位移 X/Y/Z rapid traverse	36/36/30 m/min
--------------------------------	----------------