

HOSEA

改變世界的力量

HOSEA

TURN THE WORLD

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和昕精密科技有限公司
CNC分度盤的領導品牌
www.hosea-world.com



Hosea Precision Co., Ltd.
Leading Brand of CNC Rotary Table
www.hosea-world.com

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ACHIEVEMENT 成就

300⁺

平均每年外銷
超過300台五軸分度盤
為台灣最大的五軸分度盤供應商

CNC rotary table sets exported per year.
The largest CNC 5 axis rotary table supplier in Taiwan.

HOSEA

和昕精密

TECHNOLOGY 能力

和昕自製蝸桿蝸輪磨耗率與
日本知名廠商相比低於

26%

Abrasion loss rate of HOSEA's Worm Wheel & Shaft is
26% lower than established Japan manufacturers.



EXPERIENCE 累積

SINCE

1968

超過52年研發生產經驗

More than 52 years experience in CNC
development & manufacturing.

PRESISTENCE 堅持

做一個直線軸或是一個圓盤大家都會
但怎麼樣把它做得非常地直、非常地圓
維持一貫的精準度及穩定性
這便是和昕精密一路走來的洗鍊與堅持

There are many CNC milling machines
manufactured today, all able to perform a vast
array of milling operations. Whether it's the
milling of straight lines or complex curved
surfaces, the challenge manufacturers face is to
consistently produce milling machines that
perform with perfect accuracy and precision.
This is where HOSEA stands out from all the rest.

AEROSPACE QUALITY

航太品質

#1

臺灣首家
AS9100航太系統
品質認證分度盤製造商

The first indexing table supplier in
Taiwan to obtain AS9100
aerospace-quality certification



德國最大廠指定HOSEA為五軸ODM廠，
合作長達10年以上。

Germany's largest machining company
has designated HOSEA as one of its
primary 5-Axis CNC machine ODM
companies. This cooperation has
lasted for more than 10 years.

90+%

九成以上關鍵零組件自製

自行開發轉位雙導程蝸桿，具咬合率較深、接觸面積大、承受推力大、提升剛性、對蝸輪磨耗較低。

Over 90% of Key Components Made
In-house

HOSEA's independently designed, dual-lead worm shaft has a deep bite rate and covers a large contact area. It can maintain rigidity while withstanding high stresses, giving lower wear on the worm wheel.

德國進口徑軸向軸承 / ETEL馬達

堅持用料等級，達到高負載、高強度的加工結構設計。

Germany Made Radial Axial Bearings /
ETEL Motor

To achieve high-load, high-strength structural
designs in all their machines, HOSEA adheres to a
policy of using only top-quality materials.



CONTINUING DEVELOPEMENT

精益求精

多元傳動機構選擇

Multiple Transmission Mechanism Solution

DD馬達
Direct Drive Motor



蝸桿蝸輪
Worm Wheel & Shaft



滾子凸輪
Roller-Gear Cam



鞍齒輪
Hypoid Gear



加工參數自動補正優化

每台分度盤提供的數據皆為未經補正之原始數據，讓使用者無需經過控制器系統補正即可達到高精密的加工尺寸。

Auto-compensation and
Optimization of Processing
Parameters

Every rotary indexing table is preset with
standard original data, assuring high
precision and accurate performance can
be achieved without the need for
adjustments by a machine's control
system.

Renishaw無線雷射檢驗

採用最先進的系統進行定位與重覆精
度檢驗，提供符合國際標準的
ISO-230-2檢驗方式進行。

Renishaw Laser Interferometer

HOSEA uses cutting-edge
inspection systems
conforming to
ISO-230-2
international
standards for
consistent and
repeatable accuracy.





CUSTOMER EMPATHY

同理心

HOSEA



五軸加工
Universal Machining Center



WFCH-650D

PRODUCT SERIES

產品系列



臥式加工
Horizontal Machining Center



APC-C400

AIoT CNC雲端智能服務

當加工過程中出現蝸輪、蝸桿齒合不良等問題，感測器及輸出訊號至雲端服務系統，用戶端及製造端均會接收到異常訊號，可立即進行初步檢視與修復。

AIoT CNC Cloud Intelligent Service

During machining operations, if any divergence occurs between worm gear and worm gear teeth, a sensor will send a signal to the cloud service indicating the problem. Both the client and the manufacturer will receive notification, allowing for immediate inspection and repair.



客製化產品設計

依不同加工條件推出高荷重、高剛性、高轉速、高精度、零背隙、液靜壓轉台均可接受客製化，產品一應俱全。

Customized Product Design

For machining conditions involving high load, high rigidity, and high speed, or requiring high precision, fine tolerances or hydrostatic rotary tables, HOSEA provides customized products for complete solutions.



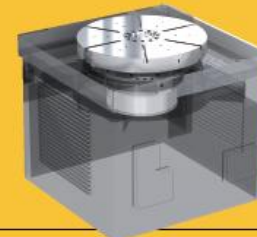
立式加工
Vertical Machining Center



WMH-320



磨床
Rotary Table Grinder Machine



HPH-1000D



龍門型加工
Gantry Type Machines



WMH-1500



搪床加工
Boring Machines



WHH-800S

產品履歷系統

透過掃描機台QR-Code，除了可進行產品註冊延長保固服務外，也可立即了解機台出廠時相關資訊、簡易問題排解方式等。

Product Tracking System

Scanning the machine's QR-Code gives instant access to product registration, extended warranty information, operating instructions and simple troubleshooting solutions.



和昕精密保有產品設計及變更的權利，詳細規格資料請洽和昕精密。

HOSEA Precision reserves the right to modify product designs. For detailed specifications, please contact HOSEA Precision.