



JAINNHER

EXCEEDING THE PURSUIT OF EXCELLENCE
DILIGENCE IS THE SOUL OF BUSINESS



COMPANY HISTORY 公司沿革

- Established in November 1982 in Taichung County
- Published centerless grinder model 12, 18 in 1983
- JHC-18S-CNC8 axes in 1992
- Moved to Taichung Industrial Park in 1992
- Acquire CE certificate on centerless grinder in 1995
- Started producing cylindrical grinder in 1997
- Passed ISO 9001 and 9002 in 2000
- Started producing CNC internal grinding machine in 2005
- Acquire CE certificate on cylindrical in 2005
- Moved to current facility in 2005
- Started producing CNC plunge cylindrical grinding machine in 2006
- Acquire CE certificate on internal in 2006
- Produce center hole grinding machine in 2007
- Produce angular grinding machine in 2008
- Produce double spindle grinding machine in 2010
- Display CNC vertical grinding machine on TIMTOS in 2015
- 1982年 設立於台中市太平區
- 1983年 開始製造12,18型無心磨床
- 1992年 開發JHC-18S-CNC8軸無心磨床
- 1992年 搬遷至台中工業區18路
- 1995年 取得無心磨床的CE認證
- 1997年 開始生產圓筒磨床
- 2000年 通過ISO-9001認證
- 2005年 開發CNC內圓磨床
- 2005年 取得圓筒磨床的CE認證
- 2005年 搬遷至現址
- 2006年 開發直進式CNC圓筒磨床
- 2006年 內孔磨床通過CE認證
- 2007年 開始生產中心孔磨床
- 2008年 生產斜進式CNC圓筒磨床
- 2010年 生產CNC雙主軸內外圓磨床
- 2015年 於台北國際機械展中展出立式磨床

EXCEEDING THE PURSUIT OF EXCELLENCE
DILIGENCE IS THE SOUL OF



SALES NETWORK 銷售國家

NORTH AMERICA

United States
Canada
Mexico

SOUTH AMERICA

Brazil
Chile

EUROPE

Germany
United Kingdom
France
Finland
Belgium
Italy
Spain
Turkey
Poland
Denmark

Czech Republic

Bulgaria
Croatia
Slovakia
Slovenia
Russia
Israel
Latvia
Portugal

AFRICA

South Africa
Egypt

ASIA

Taiwan
China Mainland
Hong Kong
Japan
Korea
Iran
Thailand
Indonesia
Malaysia
Philippines
Singapore
India
Pakistan

OCEANIA

Australia
New Zealand



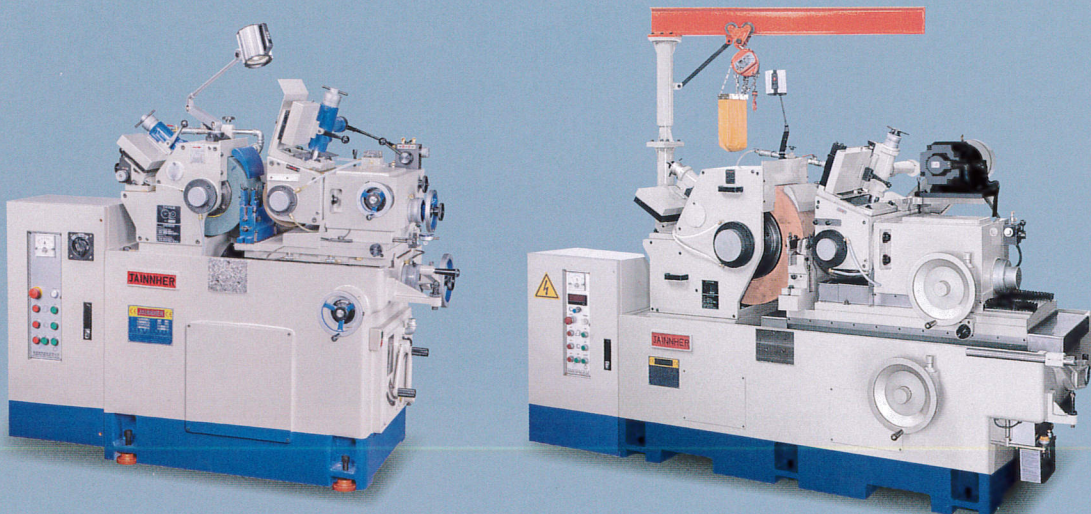
BUSINESS



JHC Series 系列

- Traditional manual / NC / CNC
- Range of grinding diameter: 1~230 mm
- Maximum infeed grinding length: 600 mm
- One-Piece fabricated base
- Hydrodynamic, hydrostatic grinding wheel spindle
- Hydraulic pressure detector, protect wheel spindle and alloy bearing
- Precision spindle surface hardness after carburizing heat treatment is over HRC60
- Japanese made servo motor for regulating wheel, variable speed for idea peripheral speed
- NC / CNC servo axis choice
- Conversational operation interface on NC machine
- Customized auto loading unloading device, fully automatic mass production equipment

- 傳統手動 / NC / CNC
- 研磨外徑範圍: 1~230 mm
- 停止研磨最大長度: 600 mm
- 一體成型床台
- 動壓、靜壓式砂輪主軸
- 油壓壓力檢知，保護主軸及軸承
- 精密主軸經滲碳熱處理 表面硬度可達HRC60以上
- 調整輪主軸馬達採用日製伺服馬達，無段數位設定，可以調整到最佳線速度
- NC / CNC 伺服軸向選擇
- NC 機型控制器採用對話式操作介面
- 客製化送收料機構，全自動量產生產設備



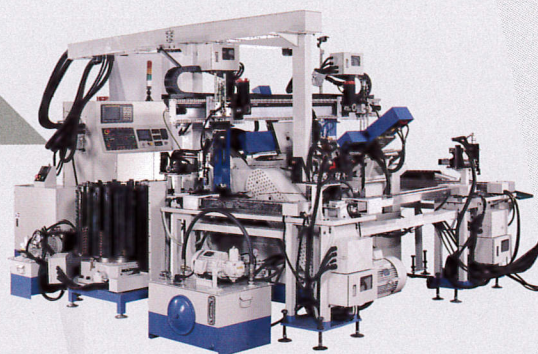
CENTERLESS GRINDING MACHINE 無心磨床

JHC-18S-CNC

8 axes/軸

With fully automatic loading unloading device for universal joint kits.

全自動送收料機構，研磨汽車十字接頭

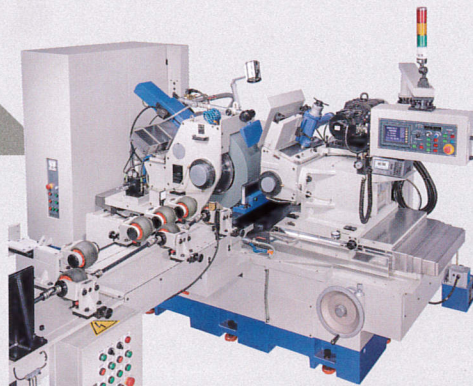


JHC-2408T-NC

3 axes/軸

Both side feeding with 6 meter bar feeder and receiver

雙邊進給及6米長棒材送收料機構

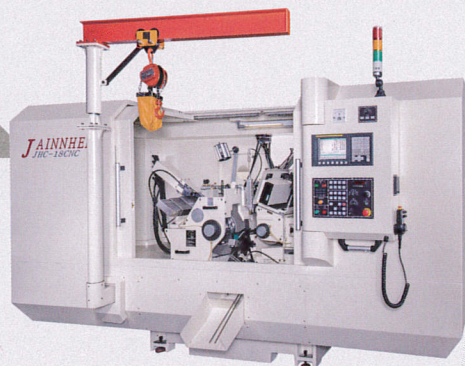


JHC-18S-CNC

6 axes/軸

With fully automatic loading unloading device for grinding automobile engine valve

全自動送收料機構，研磨汽車引擎用之汽門閥

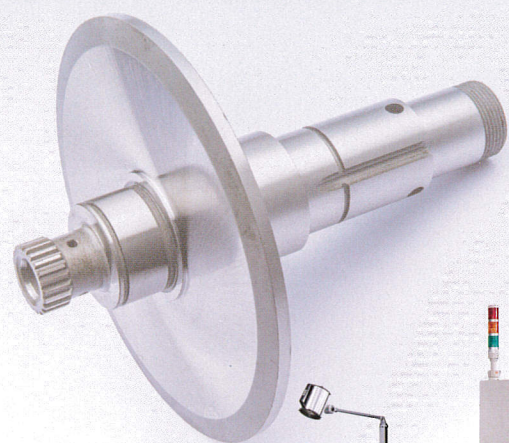


UNIVERSAL CYLINDRICAL GRINDING MACHINE 萬能圓筒磨床

JHU-27/35 Series 系列

- Manual, NC and CNC
- Maximum grinding diameter 250 and 330 mm
- Maximum grinding length 600, 1,000, 1,500, 2,000 mm
- One-Piece fabricated base
- Hydrodynamic type grinding wheel spindle
- Internal attachment
- Conversational operation interface on NC machine
- Hydraulic tailstock on CNC machine
- Multiple functions and various grinding modes
- Variety grinding cycle on CNC machine

- 傳統手動 / NC / CNC
- 最大研磨外徑: 250 / 330 mm
- 最大研磨長度: 600 / 1,000 / 1,500 / 2,000 mm
- 一體成型床台
- 動壓式砂輪主軸
- 可加裝內徑研磨裝置
- NC 機型控制器採用對話式操作介面
- CNC 機台附油壓尾座
- 多功能及多種研磨方式
- CNC 可選擇多樣化研磨循環

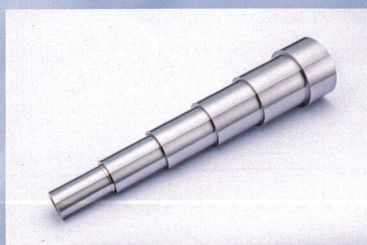


PLUNGE / ANGULAR 直進/斜進式圓筒磨床 CYLINDRICAL GRINDING MACHINE

JHA/P-20/35/40 Series 系列

- CNC cylindrical grinding Machine
- Maximum grinding diameter 200, 330 and 380 mm
- Maximum grinding length 300, 600 and 1,000 mm
- One-Piece fabricated base, box type structure, superior stability and rigidity
- Bearing, hydrodynamic, hydrostatic type grinding wheel spindle
- Hydraulic tailstock on CNC machine
- Multiple functions and various grinding modes, non-circular grinding
- Variety grinding cycle on CNC machine
- Traditional hand scraping ensure machine accuracy
- High resolution linear scale for close-loop feedback
- Automatic lubrication system
- With robot arm or gantry to increase productivity

- CNC 圓筒磨床
- 最大研磨外徑: 200 / 330 / 380 mm
- 最大研磨長度: 300 / 600 / 1,000 mm
- 一體成型床台、箱型結構、穩重、剛性佳
- 軸承、動壓、靜壓式砂輪主軸
- CNC 機台附油壓尾座
- 多功能及多種研磨方式、非圓研磨
- CNC 可選擇多樣化研磨循環
- 傳統人工鏟花確保機台精度品質
- 光學尺高解析度閉回路迴受控制
- 床身自動潤滑系統
- 可搭配多關節機械手臂或門型移載可增加產能



INTERNAL GRINDING MACHINE 內圓磨床

JHI-150/3006/3012 Series 系列

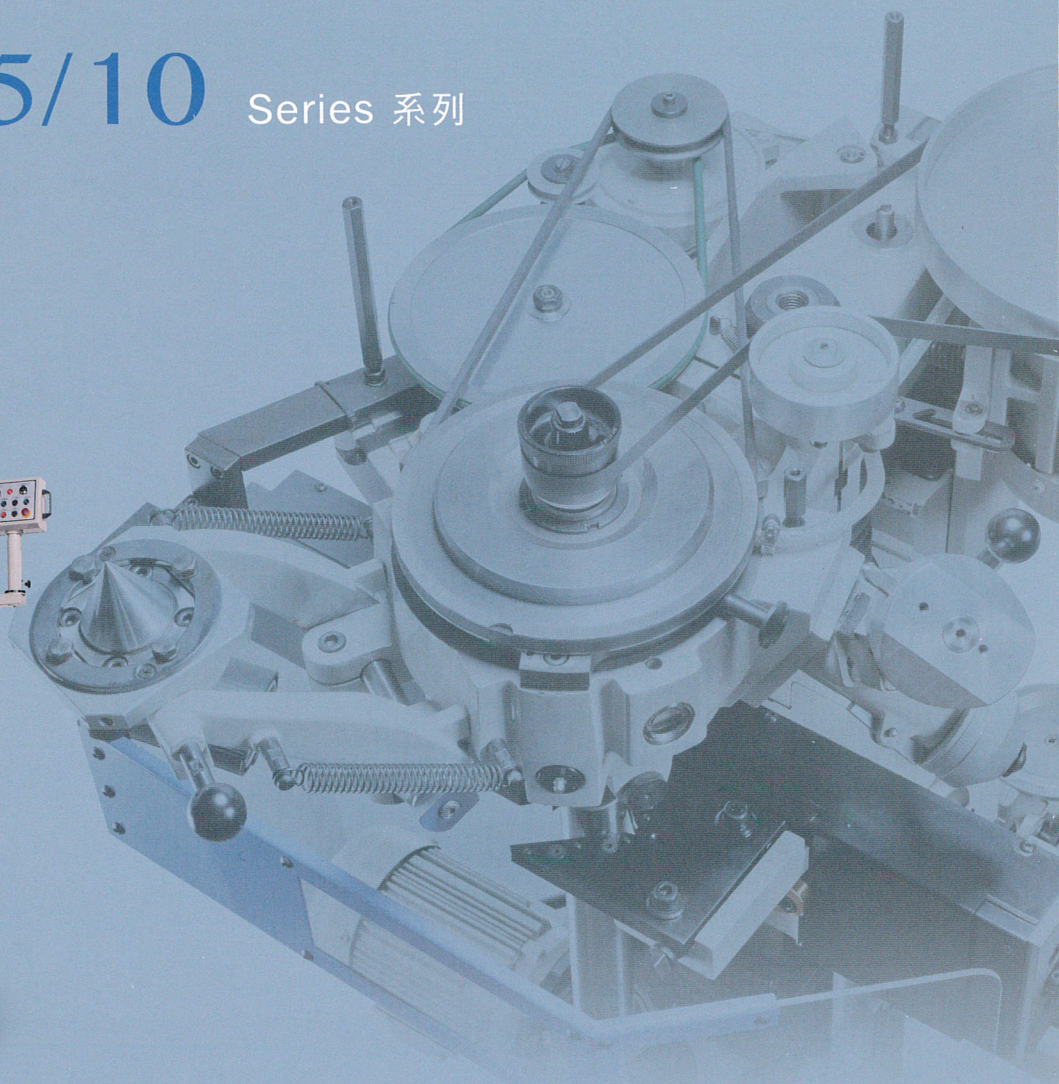
- NC / CNC internal grinding machine
- Range of I.D. grinding: 6~300 mm
- Maximum grinding depth 300 mm
- Maximum holding length 1,200 mm
- Maximum swing over bed 500 mm
- One-Piece fabricated base, box type structure, high rigidity
- Hardening heat treatment double-V slide
- Adjustable angle spindle head
- Traditional hand scraping ensure machine accuracy
- Conversational operation interface on NC machine
- Various operational mode selections
- Automatic lubrication system
- Variety grinding cycle on CNC machine
- With customized loading unloading device increase productivity

- NC / CNC 內圓磨床
- 內徑研磨範圍: 6~300 mm
- 最大研磨深度: 300 mm
- 最大夾持長度: 1,200 mm
- 最大床面旋徑: 500 mm
- 一體成型床台、箱型結構、高剛性
- 雙V滑軌硬化熱處理
- 可調整角度之主軸台
- 傳統人工鏟花確保機台精度品質
- NC機型控制器採用對話式操作介面
- 多種操作模式選擇
- 床身自動潤滑系統
- CNC可選擇多樣化研磨循環
- 搭配客製化送收料機構增加效能



CENTER HOLE GRINDING MACHINE 中心孔磨床

JHG-15/10 Series 系列



- Manual center hole grinding machine
- Range of center hole grinding: 2~60 mm
- Range of clamp O.D: 5~125 mm
- Range of clamp length: 50~2,000 mm
- Center hole angle 60°
- One-Piece fabricated base
- Grinding wheel spindle adopt sleeve design, easy maintenance
- With small oil groove after grinding
- Planetary motion of grinding wheel spindle
- Grinding wheel reciprocating motion is along a conical surface
- Atomizer device for grinding wheel spindle
- Conical type wheel dressing device
- Workpiece driving device

- 手動式中心孔磨床
- 中心孔研磨範圍: 2~60 mm
- 外徑夾持範圍: 5~125 mm
- 工件長度夾持範圍: 50~2,000 mm
- 中心孔角度60°
- 一體成型床台
- 砂輪主軸採軸套組設計，易保養
- 研磨後具有微小的油袋功能
- 砂輪主軸採行星運動
- 砂輪沿錐形表面直線往復運動
- 砂輪主軸噴霧式給油裝置
- 斜錐砂輪修整裝置
- 工件驅動裝置

DOUBLE SPINDLE GRINDING MACHINE

雙主軸磨床



JHD-15/32 Series 系列

- CNC internal, external grinding machine
- Range of I.D grinding: 2~200 mm
- Maximum grinding depth: 150 mm
- Maximum grinding O.D.: 320 mm
- Maximum grinding O.D. length: 200 mm
- Maximum swing over bed: 500 mm
- One-Piece fabricated base, box type structure, high rigidity
- 3 axes feeding system adopts high precision roller linear guide-way
- Double pre-tensioned ball screws
- Applicable B and C axis
- Manual swing angle wheel seat
- Optional built-in spindle
- Manual swing angle work head
- Automatic lubrication system

- CNC雙主軸內外圓磨床
- 內徑研磨範圍: 2~200 mm
- 最大研磨深度: 150mm
- 最大研磨外徑: 320 mm
- 最大研磨外徑長度: 200 mm
- 最大床面旋徑: 500 mm
- 一體成型床台、箱型結構、高剛性
- 三軸進給採用高精密級線性滾柱滑軌
- 雙預拉滾珠螺桿
- 可搭配B軸及C軸
- 手動調整角度之砂輪座
- 可選擇內藏式砂輪主軸
- 可手動調整角度之工作主軸
- 自動潤滑系統

VERTICAL GRINDING MACHINE

立式磨床



JHV-1008 Series 系列

- CNC vertical grinding machine
- Range of I.D grinding: 50~800 mm
- Maximum O.D. grinding: 1,000 mm
- Maximum grinding altitude: 800 mm
- Maximum installed parts altitude: 800 mm
- Center high (table to spindle): 1,800 mm
- Maximum work table loaded: 1,200 kg
- Mechanical structure adopt triangle principle design
- C type machine structure improved X and Z axes straightness
- Adopts X axis slant guideway design utilizing gravity eliminate gap
- Work table adopts two ramps fit each other and rotation principle, became an adjustable leveling device
- German made hydrostatic rotary table
- Grinding wheel head spindle manually rotated $\pm 30^\circ$
- Rotary type grinding wheel dressing attachment

- CNC 立式磨床
- 內徑研磨範圍: 50~800 mm
- 最大研磨外徑: 1,000 mm
- 最大研磨深度: 800 mm
- 最高可安裝工件: 800 mm
- 工作台至主軸高度: 1,800 mm
- 工作台最大荷重: 1,200 kg
- 機械結構採三角形作為設計基礎
- C型結構設計, 善X軸與Z軸的直線度
- X軸採用傾斜式軌道設計, 利用重力消除間隙
- 工作轉盤採2斜面相互契合與轉動原理, 自然形成可調整水平裝置
- 德國製造之液靜壓工作轉盤
- 砂輪主軸可手動旋轉 $\pm 30^\circ$
- 迴轉式砂輪修正機構



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