



香港地址：中國香港干諾道中 139 號三臺商業大廈 1101室
 電話：(+852) 69170661 傳真：(+852)35202067
 深圳地址：深圳市龍崗區橫崗大康福田村東海科技工業園 6 號
 電話：0755-28990157 傳真：0755-28994723
<http://www.2008szhongda.com.cn> E-mailhongdahe@163.com QQ:1553948220

ADD: ROOM1101. NO. 139SANTAI COMMERCIAL MASION, CONNAUGHT ROAD, HONGKONG
 TEL:(852)69170661 FAX:(852)35202067
 ADD: NO.6, DONGHAI TECHNOLOGY INDUSTRIAL DISTRICT, DAKANG FUTIAN VILLAGE, HENGGANG, LONGGANG DISTRICT, SHENZHEN CITY, GUANGDONG PROVINCE, CHINA.
 T E L : 0 7 5 5 - 2 8 8 9 0 1 5 7 F A X : 0 7 5 5 - 2 8 8 9 4 7 2 3
<http://www.2008szhongda.com.cn> E-mailhongdahe@163.com QQ:1553948220

董事長 何齊華
 手提: (+852) 69170661
 手機: 136 0308 4953

願天下企業興旺發達願天下父母皆能歡欣願天下兒女皆成棟梁願所有家庭五福臨門 14191314191313

香港宏達機械實業有限公司 深圳市華源宏達機械有限公司 HONG KONG HONGDA MACHINERY INDUSTRY CO., LTD SHENZHEN HUAYUAN HONGDA MACHINERY CO.LTD



香港宏達機械實業有限公司
 HONG KONG HONGDA MACHINERY INDUSTRY CO., LTD
 深圳市華源宏達機械有限公司
 SHENZHEN HUAYUAN HONGDA MACHINERY CO.LTD



本公司榮獲國際標準
 ISO9001: 2015認證合格企業
 Our company has won the international standard
 ISO9001:2015 certified qualified enterprise



表業、首飾業、五金業、藍寶石刀具專業制造商
 INDUSTRY MACHINERY, PROFESSIONAL TOOL MANUFACTURERS

以信經營 質量第一 客戶至上
 質量求生存 信譽求發展
 Run by a letter Quality is the first The customer is supreme
 Quality for survival Reputation for development

事雖難做則必成路雖遠行則必至 141913
 Things are hard to do but done at all Though the road goes far, it will reach 141913

文化交流 Culture Communication



企業簡介 Enterprise brief introduction

誠 贏天下客
 Honesty wins the world

■ 香港宏達精密機械有限公司: 成立於2012年, 2021年變更為香港宏達機械實業有限公司, 面向香港客戶及進出口業務接洽, 滿足國內外客戶業務需求。深圳市華源宏達機械有限公司(原深圳市龍崗區宏達鐘表工具廠): 成立於1998年, 專業研究生產自動化鐘表, 首飾, 五金及手機機械設備及相關工裝治具, 表業專用於刀具和輔料。

深圳市龍崗區宏達鐘表工具廠: 自2017年起正式轉型為專業生產藍寶石, 康寧料, K料, 瑞士白片及其它材料手表鏡片相關光學配件等。

本公司專業研發、設計、生產、營銷自動化及半自動化鐘表生產機械設備、工裝治具、不同材質手表鏡片及相關光學配件。我們公司秉承以誠信經營, 質量第一, 客戶至上, 準時交貨的企業宗旨, 堅持“以人為本, 雇客至上”的企業經營理念, 多年來, 憑借優質的產品、一流的服務贏得廣大客戶的信任與青睞, 使我們的產品遍布國內海外! 承蒙廣大新老客戶的支持, 我們將會更加努力進取, 以更優質、更高效的服務回饋廣大客戶!



Hong Kong Hongda Precision Machinery Co., LTD. Founded in 2012, changed to Hong Kong Hongda Machinery Industry Co., LTD in 2021, for Hong Kong customers and import and export business contact, to meet the business needs of customers at home and abroad.

Shenzhen Huayuan Hongda Machinery Co., Ltd. (formerly Hongda Watch Tool Factory, Longgang District, Shenzhen City): Founded in 1998, specializing in the production of automated clocks, jewelry, hardware and mobile phone machinery and related tooling and treatment equipment, the watch industry is dedicated to cutting tools and accessories.

Shenzhen Longgang Hongda Watch Tool Factory: Since 2017, it has been formally transformed into a professional manufacturer of sapphire, Corning, K, Swiss white watches and other materials, optical accessories related to lenses, etc.

The company specializes in R&D, design, production, marketing automation and semi-automation of watch production machinery and equipment, tooling and fixtures, watch lenses of different materials and related optical accessories. Our company adheres to the enterprise tenet of honesty, quality first, customer first, punctual delivery, adheres to the enterprise management concept of "people-oriented, customer first". Over the years, with high-quality products and first-class services, we have won the trust and favor of our customers, so that our products are all over the country and overseas! With the support of the vast number of new and old customers, we will make greater efforts to forge ahead. In order to provide better and more efficient service to our customers!



專利證書 The patent certificate

共創新未來 Innovating the future together



2021100508305
精密全自動單橋玻璃研磨機發明專利證書



202020890659X
精密自控半自動雙型雙碟磨光機實用新型



2021201032880
全自動單橋玻璃研磨機實用新型專利證書



2020205641811
自動噴耳孔機實用新型



2020206878345
一種精密水塔式環保獨立除塵四工位拋光一體機實用新型



2020206887999
一種精密水塔式環保獨立除塵兩工位拋光一體機實用新型



2020208902141
精密自控半自動型單頭單橋機實用新型



2020210040716
一種環保獨立除塵全自動車砂機實用新型



2020210557667
一種精密自動研磨車砂機實用新型



2020231420132
一種精密陶瓷刀磨刀機實用新型



2020231569039
一種精密自控半自動型拋光機實用新型



2020233280409
手動頂身鑽耳孔機實用新型專利證書



2021201074879
氣壓半自動鑽耳孔機用氣動夾持機構實用新型專利證書



2021227651548
自動鑽孔機實用新型專利證書



2014303475732
雙碟磨光機(精密自控半自動型)HD-A894)-外觀專利



2014303475751
精密自控半自動型單頭單橋機(HD-A893)-外觀專利

認證證書 The patent certificate

共創新未來 Innovating the future together

華源 (ISO認證證書)



企業榮譽 Enterprise honor

商道酬信 The way of doing business is to reward honest men



企業榮譽 Enterprise honor



企業風采 Enterprise style

天道酬勤 God reward those who work hard




企業風采 Enterprise style

地道酬善 The earth thanks good people




車間掠影 The workshop We know

人道酬誠 Reward honest people



車間掠影 The workshop We know

業道酬精 To reward someone who does a good job



這7張圖要不要排上去, 要的話提供編號和文字內容!

①

(1) 双橋精磨機



②

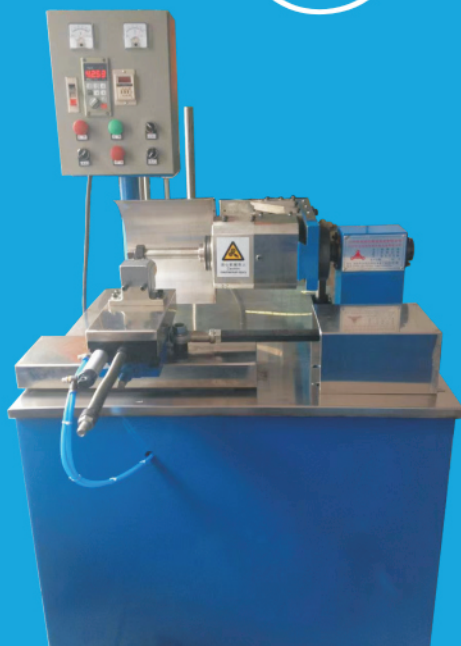
2) 精密拋光机



③



④



⑤



⑦



⑧



HD-A 藍寶石玻璃機械系列 HD lathe series

HD-A876

自動精粗磨仿形機

Automatic fine rough grinding copying machine

機器功能

主電機功率: 1.5kw/380V/1400RPM
操控系統: 人機界面
操作方式: 按鍵式
用途: 藍寶石、普通玻璃外形加工, 可加工圓片、TV片, 粗/精磨一次性完成, 精度可以控制在 ± 0.01
外觀尺寸: 1200x900x1600mm

Machine Function

Main motor power: 1.5KW /380V/1400RP
MControl system: man-machine interface
Operation mode: push-button type
Use: sapphire, common glass shape processing, processingWafer, TV film, coarse/fine grinding one time, precision is goodTo keep it within ± 0.01
Dimensions: 1200x900x1600mm



HD-A877

球面精磨機 Glass machinery

機器功能

主電機功率: 0.75kw/380V/1400RPM
操作方式: 按鍵式
用途: 主要加工藍寶石球面內外R精磨, 磨頭大小可以任意更有、換, 加工範圍R15以上, 精度可達 ± 0.01
外觀尺寸: 1600x900x1700mm

Machine Function

Main motor power: 0.75KW /380V/1400RPM
Operation mode: push-button type
Application: mainly processing sapphire spherical inside and outside R fine grinding,Grinding head size can be arbitrary more, change, processing range Above R15, the accuracy can reach ± 0.01
Dimensions: 1600x900x1700mm



HD-A 藍寶石玻璃機械系列 HD lathe series

HD-A878

精密自動化圈口機

Precision automatic winding machine

機器功能

主電機功率: 0.75kw/380V/1400RPM
操作方式: 按鍵式
用途: 藍寶石、普通玻璃內孔料精加工, 加工範圍 $\Phi 10-\Phi 60$, 精度可以控制在 ± 0.02
外觀尺寸: 1300x700x1300mm

Machine Function

Main motor power: 0.75KW /380V/1400RPM
Operation mode: push-button type
Use: sapphire, ordinary glass inner hole material finishing, processingRange of $\Phi 10-\Phi 60$, accuracy can be controlled in ± 0.02
Appearance size: 1300x700x1300mm



HD-A879

平面拋光機

Coarse grinding machine

機器功能

主電機功率: 1.1kw/380V
主軸轉速: 0-2800RPM
用途: 大尼龍紗, 石棉砂
特點: 機身重, 噪音小, 可根據不同的產品變頻, 控制轉速, 使產品更加完美
外觀尺寸: 1200x450x1500mm

Machine Function

Main motor power: 1.1/380V
Spindle speed: 0-2800rpm
Purpose: large nylon yarn asbestos sand
Features: heavy body, small noise, can be according to different product frequency conversion, control the speed to make the product more perfect
Appearance: 1200x450x1500mm



HD-A 藍寶石玻璃機械系列 HD lathe series

HD-A880

雙頭單橋精磨機
Double head single bridge fine mill

機器功能

主電機功率: 1.1kw/380V
主軸轉速: 0-2800RPM
用途: 大尼龍紗, 石棉砂
特點: 機身重, 噪音小, 可根據不同的產品
變頻, 控制轉速, 使產品更加完美
外觀尺寸: 1200x450x1500mm

Machine Function

Main motor power: 1.1/380V
Spindle speed: 0-2800rpm
Purpose: large nylon yarn asbestos sand
Features: heavy body, small noise, can be according to different product frequency conversion, control the speed to make the product more perfect
Appearance: 1200x450x1500mm



HD-A881

兩頭倒邊機
Two end flanging machine

機器功能

主電機功率: 0.75kw/380V/1400RPM
操作方式: 按鍵式
用途: 主要加工藍寶石圓片倒邊, 磨頭大小可以任意更換, 加工範圍 $\phi 10-\phi 80$, 精度可以控制在 ± 0.02
外觀尺寸: 800x800x1600mm

Machine Function

Main motor power: 0.75KW /380V/1400RPM
Operation mode: push-button type
Purpose: mainly processing sapphire round edge, grinding head size can be arbitrary Replacement, processing range of $\phi 10-\phi 80$, precision can be controlled in ± 0.02
Appearance size: 800x800x1600mm



HD-A 藍寶石玻璃機械系列 HD lathe series

HD-A882

四頭光邊機
Four-end polishing machine

機器功能

主電機功率: 1.1kw/380V/1400RPM
操作方式: 按鍵式
用途: 主要加工藍寶石圓片光邊, 磨頭大小可以任意更換, 加工範圍可做到 $\phi 10-\phi 80$, 精度可控制在 ± 0.02
外觀尺寸: 1600x900x1700mm

Machine Function

Main motor power: 1.1KW /380V/1400RPM
Operation mode: push-button type
Purpose: mainly processing sapphire round wafer smooth edge, grinding head size Can be arbitrarily replaced, the processing range can be $\phi 10-\phi 80$, The precision can be controlled to ± 0.02
Dimensions: 1600x900x1700mm



HD-A883

平面精磨機
Surface fine grinding machine

機器功能

主電機功率: 3kw/380V/1400RPM
操作方式: 按鍵式
用途: 主要加工藍寶石平面精磨, 操作簡單, 一人可同時操作多臺機, 加工範圍可做到 $\phi 5-\phi 80$, 精度可控制在 ± 0.02
外觀尺寸: 1300x900x1530mm

Machine Function

Main motor power: 3KW /380V/1400RPM
Operation mode: push-button type
Application: mainly processing sapphire flat fine grinding, simple operation, One person can operate more than one machine at the same time, the processing range can be done $\phi 5-\phi 80$, precision can be controlled within ± 0.02
Appearance size: 1300x900x1530mm



HD-A 車床系列 HD lathe series



HD-A884

數控車床(自動送料斜軌)
CNC lathe (automatic feeding inclined rail)

機床配置	
選配系統	新代系統/寶元系統
伺服電機	新代伺服電機/安川電機
絲杠	臺灣 3210
導軌	臺灣 35型 30型
絲杠軸承	日本THT P4
主軸	臺灣健椿精密主軸
伺服驅動器	海太科驅動 4KW
機床參數	
主軸最高轉速	0-4000RPM
X軸快速進給速度	24000mm/min
Z軸快速進給速度	24000mm/min
最大加工件長度	200mm
最大加工工件直徑	36mm
X軸最大行程	750mm
Z軸最大行程	300mm
X軸定位精度	0.001mm
Z軸定位精度	0.001mm
可控制刀位數	20
機床重量	約2000kg
機床尺寸	1850*1400*1750mm
夾緊	液壓
機床電源	
主軸電機功率	4kw 400*1750mm
電源額定頻率	50Hz
電源額定電壓	3相交流電380V
最大輸入功率	9KW

Machine configuration	
Matching system	NEW GENERATION SYSTEMS/BAOYUAN systems
Servo motor	New Generation Servo Motor/yaskawa Motor
Lead screw	Taiwan 3210
Guide Rail	Taiwan type 35 type 30
Lead screw bearing	Japan THT P 4
Principal Axis	Taiwan toon precision spindle
Servo Drive	4 kw driven by the HITACCO
Machine parameter	
Maximum spindle speed	0-4000RPM
X-axis fast feed speed	24000mm/min
Fast z-axis feed rate	24000mm/min
Maximum length of work piece	200mm
Maximum diameter of machined workpiece	36mm
X-axis maximum travel	750mm
The maximum stroke on the Z axis	300mm
X-axis positioning accuracy	0.001mm
Z-axis positioning accuracy	0.001mm
The number of cutter positions can be controlled	20
Machine weight	About 2.000 kg
Machine size	1850*1400*1750mm
Clamp	Hydraulic pressure
Machine power supply	
Spindle power	4kw 400*1750mm
Rated frequency of power supply	50Hz
Power supply rated voltage	3-phase AC 380V
Maximum input power	9KW

HD-A 車床系列 HD lathe series

HD-A885

數控車床(25型、36型斜軌)
Automatic CNC lathe (flat rail)

機床配置	
選配系統	新代系統/寶元系統
伺服電機	新代大扭力絕對式伺服電機 / 安川電機伺服電機
絲杠	臺灣 3210 絲杆 (預拉伸裝配)
導軌	臺灣精密級30導軌
絲杠軸承	重型絲杆專用軸承
主軸	36機械精密主軸
伺服驅動器	4KW主軸驅動器
機床參數	
主軸最高轉速	3000RPM
X軸快速進給速度	20米
Z軸快速進給速度	20米
最大加工件長度	150mm
最大加工工件直徑	90
X軸最大行程	650mm 0090000000
Z軸最大行程	200mm
X軸定位精度	0.005mm
Z軸定位精度	0.01mm
機床重量	約1600kg
機床尺寸	1550*1300*1700mm
機床電源	
輸入壓縮空氣氣壓	0.2-0.6MPa
主軸電機功率	4KW
電源額定頻率	50Hz
電源額定電壓	3相交流電380V
最大輸入功率	5.5KW

Machine configuration	
Matching system	NEW GENERATION SYSTEMS/BAOYUAN systems
Servo motor	New Generation High torque absolute Servo Motor/ yaskawa Motor Servo Motor
Lead screw	Taiwan 3210 screw Rod (pre-stretching Assembly)
Guide Rail	Taiwan precision class 30 rail
Lead screw bearing	Special bearing for heavy duty screw Rod
Principal Axis	36 mechanical precision spindle
Servo Drive	4KW spindle drive
Machine parameter	
Maximum spindle speed	3000RPM
X-axis fast feed speed	20 meters
Fast z-axis feed rate	20 meters
Maximum length of work piece	150mm
Maximum diameter of machined workpiece	90
X-axis maximum travel	650mm 0090000000
The maximum stroke on the Z axis	200mm
X-axis positioning accuracy	0.005mm
Z-axis positioning accuracy	0.01mm
Machine weight	About 1,600 kg
Machine size	1550*1300*1700mm
Machine power supply	
Enter Compressed air pressure	0.2-0.6MPa
Spindle power	4KW
Rated frequency of power supply	50Hz
Power supply rated voltage	3-phase AC 380V
Maximum input power	5.5KW



HD-A 車床系列 HD lathe series



HD-A886

自動數控車床(平軌)
Automatic CNC lathe (flat rail)

機床配置	
選配系統	新代系統22TA/寶元系統
伺服電機	新代伺服電機/安川伺服電機
絲杠	臺灣 3210
導軌	臺灣 35型 30型
絲杠軸承	日本THT P4
主軸	臺灣健格主軸/永磁同步電主軸
刀塔	8工位伺服刀塔
主軸伺服驅動器	海太科驅動 4KW

機床參數	
主軸最高轉速	0-3000RPM
X軸快速進給速度	24米
Z軸快速進給速度	24米
最大加工件長度	100mm
最大加工件直徑	100mm
X軸最大行程	250mm RPM
Z軸最大行程	150mm
X軸重複定位精度	0.005mm
Z軸重複定位精度	0.01mm
機床重量	約2200kg
機床尺寸	1850*1800*1900mm

機床電源	
工件夾緊	氣動 (0.2-0.6)
主軸電機功率	4KW
電源額定頻率	50Hz
電源額定電壓	3相交流電380V
最大輸入功率	11KW

Machine configuration		
Matching system	New Generation System 22TA/bogen system	
Servo motor	The new servomechanism Yasukawa servomotor	
Lead screw	Taiwan 3210	
Guide Rail	Taiwan type 35 type 30	
Lead screw bearing	Japan THT P 4	
Principal Axis	Taiwan toon spindle/permanent magnet synchronous motor spindle	
Knife Tower	8 station servo knife tower	
SPINDLE SERVO drive	4 kw driven by the HITACCO	

Machine parameter		
Maximum spindle speed	0-3000RPM	
X-axis fast feed speed	24 meters	
Fast z-axis feed rate	24 meters	
Maximum length of work piece	100mm	
Maximum diameter of machined workpiece	100mm	
X-axis maximum travel	250mm RPM	
The maximum stroke on the Z axis	150mm	
X-axis repeated positioning accuracy	0.005mm	
Precision of z-axis repetitive positioning	0.01mm	
Machine weight	About 2200 kg	
Machine size	1850*1800*1900mm	

Machine power supply		
Workpiece clamping	Pneumatic (0.2-0.6)	
Spindle power	4KW	
Rated frequency of power supply	50Hz	
Power supply rated voltage	3-phase AC 380V	
Maximum input power	11KW	

HD-A 車床系列 HD lathe series



HD-A887

數控車床 CNC lathe

項目/單位	參數規格
X/Z 軸滾珠絲杆 (mm)	25/500
X/Z 直線導軌 (mm)	25/500
X 向最大行程 (mm)	500
Z 向最大行程 (mm)	180
主軸轉速 (r/min)	100/3000
刀架形式	排刀式
主軸電機功率 (KW)	2.2
卡盤(氣動)	0.4/0.6
水泵	150W
整機容量 (KVA)	5.5
機床重量(Kg)	1000
機床外形尺寸(長寬高:mm)	1530*1060*1600

Project / Unit	Parameter
X/Z Axle ball screw(mm)	25/500
X/Z Linear guide(mm)	25/500
X Direction is the most forming(mm)	500
Z Direction is the most forming(mm)	180
Speed of mainshaft(r/min)	100/3000
Tool holder form	Knife arrangement type
Spindle motor power(kw)	2.2
Chuck (pneumatic)	0.4/0.6
Water pump	150W
Whole machine capacity(KVA)	5.5
Machine weight(kg)	1000
External dimensions of machine tool length, width and height ;mm	1530*1060*1600

HD-A888

自編程半自動油壓車床 (俗稱油壓機)
Self-programming oil semi-automatic lathes
(commonly known as hydraulic machine)

項目/單位	參數規格
最多加工直徑 (mm)	φ 100
最多加工長度 (mm)	80
主軸轉速範圍 (r/min)	490-3000
主電機功率 (KW) (雙速)	2.4
刀架橫 (X) 向最大行程 (mm)	120
刀架縱 (Y) 向最大行程 (mm)	140
工作臺回轉角度	± 45°
氣動工作壓力 (Mpa)	0.4-0.6
液壓最大工作壓力 (Mpa)	3.5
機身淨重800Kg	油箱 :43L

Project / Unit	Parameter
Maximum machining diameter(mm)	φ 100
Maximum processing length(mm)	80
Speed of mainshaft(r/min)	490-3000
Spindle motor power(kw)Double speed	2.4
Maximum lateral (X) travel of tool holder(mm)	120
Maximum longitudinal (Y) travel of tool holder(mm)	140
Working rotation angle	± 45°
Pneumatic working pressure	0.4-0.6
Hydraulic maximum working pressure	3.5
Net weight of fuselage 800kg	Fuel tank 43L



部分加工產品展示



HD-A 鑽孔機系列 HD Drilling machine series

HD-A889

自動鑽盲耳孔機
 Automatic drilling blind hole machine

機器功能 Machine Function

- 自動頂細身鑽表殼耳孔；
 - 圖像式控制面板；
 - 氣缸進刀，油壓減速；
 - 千分尺調節細身到耳孔尺寸；
 - 一次完成4個孔；
 - 精度可達到±0.03；
 - 一人可同時操作兩臺機。
- Automatic top fine body drill case ear hole
 -Image control panel
 -Cylinder feed, oil pressure slows down
 -Micrometer adjusts fine body to ear hole size
 -Complete 4 holes at a time
 -Accuracy can be achieved ±0.03
 -One person can operate two machines at the same time

Project / Unit	Parameter
主機馬達 Host motor	380V 60W 1400 RPM
水泵 Water pump	380V 90W 25L/M
夾頭 Chuck	Er11
主軸轉速 Speed of mainshaft	5500 RPM
外觀尺寸 Appearance size	950X1000X1500mm



A型

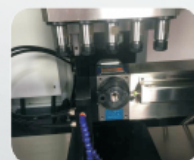
HD-A890

數控五頭自動鑽孔機（專業巴孔機）
 (四、五、六、七、八、九頭鑽孔機)
 NC four heads automatic drilling machine
 (professional bar hole machine)
 (4, 5, 6, 7, 8, 9 drilling machines)

Project name	Parameter
電源 Power supply	110V/220V/50/60HZ
裝刀方式樣 Knife loading method	Er20
最大空運行速度 Maximum idle running speed	15M/MIN
電力要求 power demand	220V/5KW
主軸 Spindle	功率1.5KW-轉速0-7500RPM-水冷
拖板行程 Pallet profile	X軸280MM Z軸100M
刀具規格 Cutter specification	直徑 Diameter 1MM-12MM
最大加工速度 Maximum processing speed	5M/MIN
機床重量 Machine Weight	680KG
機床體積 Machine Volume	1.2x1x1.7m



360°旋轉夾具



其它五金件加工
專用夾具

部分加工產品展示

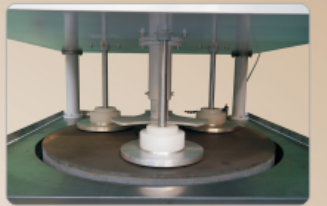


面釘孔 底孔 巴孔、按的孔 斜面石仔孔 其它五金類產品 巴孔 按的孔

HD-A 鑽孔機、精密重型研磨機 HD Drilling machine Precision heavy duty grinding machine



部分加工產品展示



HD-A891

精密重型研磨機（專業精磨五金件）
 Precision heavy duty grinding machine
 (professional fine grinding hardware)

機器功能

主電機功率：7.5KW 380V
 研磨盤轉速：0~60RPM
 機盤外徑：910mm
 內徑：310mm
 最大加工尺寸 直徑：450mm
 工件加工平度：0.005mm
 外觀尺寸：1150mmx1300mmx2500mm

Machine Function

Main motor power: 7.5 kw 380 v
 Grinding wheel speed: 0 ~ 60 rpm
 Machine disc outside diameter: 910 mm
 Inner diameter: 310 mm
 Maximum processing size: 450 mm
 Workpiece processing flatness: 0.005 mm
 Appearance size: 1150mm x 1300mm x 2500 mm

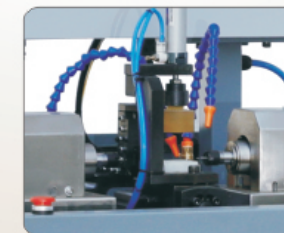
HD-A892

自動鑽孔機
 (專業鑽表殼、穿耳孔、表帶孔、五金件孔)
 Automatic drilling machine
 (professional drill atlas, wear ear canal,
 Strap holes, hardware hole)

機器功能 Machine Function

- 全中文數字作，鑽嘴不利自動報警；
- 表帶、頭粒鑽孔、夾具可180度旋轉
- 自動頂細身鑽耳孔；
- 一次完成4個孔；
- 一人可同時操作兩臺機。

Project name	Parameter
主機馬達 Host motor	220V 90W 2800 RPM
水泵馬達 Pump motor	220V 90W 25L/MIN
日本進口步進電機 Japan imports stepping motor	24V 4.5A
進口絲杆、滑軌 Import screw rod, slide rail	
夾頭 Chuck	Er11
外觀尺寸 External dimensions	950X500X1300mm



HD-A 草轆機、磨光機系列 HD grass roll machine, polishing machine series

HD-A893

精密自控半自動重型單頭草轆機
(觸摸屏系統版)
Precision automatic semi automatic
single head heavy grass reel machine
(touch screen system version)

機器功能

主電機功率: 1.1Kw/380V/2800RPM。
主軸轉速: 0-4380RPM
特點: 彩色觸屏控制板, 根據不同產品變頻控制轉速。
用途: 磨表殼大身, 細身, 草輪及尼龍輪都可使用。
外觀尺寸: 1000mm*720mm*1100mm
可以特定尺寸

Machine Function

Main motor power: 1.1 kw / 380v / 2800 rpm.
Spindle speed: 0 rpm
Features: color touch screen control panel,
according to different product frequency conversion
control speed.
Use: grinding case large body, fine body, grass
wheel and nylon wheel can be used.
Appearance size: 1000 mm x 720 mm x 1100 mm
Can be specific size



HD-A894

精密自控半自動重型雙碟磨光機
(觸摸屏系統版)
Semi automatic precision
control of heavy disc grinder
(touch screen system version)

機器功能

主電機功率: 750w/380V/2800RPM。
主軸轉速: 0-4380RPM
特點: 彩色觸屏控制板, 根據不同產品變頻控制轉速。穩定性
好, 精度高, 平面跳動0.025mm以內, 工作拖板可微調。
用途: 磨表殼, 表帶及五金飾品。
外觀尺寸: 900mmx600mmx1100mm
可以特定尺寸

Machine Function

Main motor power: 750 w / 380v / 2800 rpm.
Spindle speed: 0 rpm
Features: color touch screen control panel, according
to different product frequency conversion control speed.
Good stability, high precision, flat clearance of less than
0.025 mm, the working plate can be fine – adjusted.
Purpose: wear case, watch band and hardware accessories.
Appearance size: 900 mm x 600 mm x 1100 mm
Can be specific size



HD-A 草轆機、磨光機系列 HD grass roll machine, polishing machine series

HD-A895

精密自控半自動重型單頭草轆機
Precision automatic semi automatic
single head heavy grass reel machine
(trim)

機器功能

主電機功率: 1.1Kw/380V/2800RPM。
主軸轉速: 0-4380RPM
特點: 根據不同產品按鈕調節變頻控制轉速。
用途: 磨表殼大身, 細身, 草輪及尼龍輪都可使用。
外觀尺寸: 1000mmx720mmx1100mm

Machine Function

Main motor power: 1.1 kw / 380v / 2800 rpm.
Spindle speed: 0 – 4380rpm
Characteristics: adjust frequency conversion speed
according to different product buttons.
Use: grinding case large body, fine body, grass wheel
and nylon wheel can be used.
Appearance size: 1000 mm x 720 mm x 1100 mm



HD-A896

精密自控半自動重型雙碟磨光機 (微調版)
Semi automatic precision
control of heavy disc grinder
(trim)

機器功能

主電機功率: 750w/380V/2800RPM
主軸轉速: 0-4380RPM
特點: 根據不同產品按鈕調節變頻轉速。
穩定性好, 精度高, 平面跳動0.03mm以內,
工作拖板可微調
用途: 磨表殼, 表帶及五金飾品。
外觀尺寸: 900mm*600mm*1100mm

Machine Function

Main motor power: 750 w / 380v / 2800 rpm.
Spindle speed: 0 rpm
Characteristics: adjust frequency conversion
speed according to different product buttons.
Good stability, high precision, less than 0.03 mm in plane,
Drag carriage can be fine – fine
Purpose: wear case, watch band and hardware
accessories.
Appearance size: 900 mm * 600 mm * 1100 mm



HD-A 拋光機、磨光機 HD polishing machine, polishing machine

HD-A897-A

精密自控半自動重型拋光機
Precision automatic semi-automatic heavy polishing machine

機器功能

主電機功率: 3.0Kw/380V/2800RPM。

主軸轉速: 0-2900RPM

特點:彩色觸屏控制板,根據不同產品變頻控制轉速。

用途:磨表殼大身,細身,草輪及尼龍輪都可使用,兩人可同時工作。

外觀尺寸: 1800mmx600mmx820mm



Machine Function

Main motor power: 3.0 / 380v / 2,800 / 2,800.

Spindle speed: 0-2900 rpm

Features: color touch screen control panel, according to different product frequency conversion control rotational speed.

Uses: grinding case large body, fine body, grass wheel and nylon wheel can be used, Both can work at the same time.

Appearance size: 1800 mm x 600 mm x 820 mm

HD-A897-B

精密自控防爆雙頭草輪機(A型)
Precision automatic control explosion-proof Double-head roller (Type A)

機器功能

主電機功率: 3.0Kw/380V/2800RPM。

主軸轉速: 0-2900RPM

特點:彩色觸屏控制板,根據不同產品變頻控制轉速。

用途:磨表殼大身,細身,草輪及尼龍輪都可使用,兩人可同時工作。

外觀尺寸: 1800mmx600mmx820mm

Machine Function

Main motor power: 3.0 / 380v / 2,800 / 2,800.

Spindle speed: 0-2900 rpm

Features: color touch screen control panel, according to different product frequency conversion control rotational speed.

Uses: grinding case large body, fine body, grass wheel and nylon wheel can be used, Both can work at the same time.

Appearance size: 1800 mm x 600 mm x 820 mm



HD-A 水塔式環保除塵機 HD Tower-type environmental dust machine

HD-A898

精密自控半自動重型雙碟磨光機(A型)
Semi-automatic precision heavy Disc grinder (A type)

機器功能

主電機功率: 750w/380V/2800RPM。

主軸轉速: 0-4380RPM

水泵功率: 90W/380V

特點:

彩色觸屏控制板,根據不同產品變頻控制轉速,此款機精密度高,自帶水泵,冷卻加工後不會出現工件發藍、發黃、滴塑不平等現象,可降低成本。

穩定性好,精度高,平面跳動0.03mm以內,工作拖板可微調。

用途:磨表殼,表帶及五金飾品。

外觀尺寸: 900mmx600mmx1100mm

Machine Function

Main motor power: 750 w / 380v / 2800 rpm.

Spindle speed: 0-4380rpm

Pump power: 90w / 380v

Features: color touch screen control panel, according to different product frequency conversion control speed. precision. this machine has high precision, process post will not appear the workpiece blueing, yellowing, the drop of inequality, drop low cost

The stability is good, the precision is high, the plane jumps 0.03 Inside, the work unit can be fine tuned.

Purpose: wear case, watch band and hardware accessories.

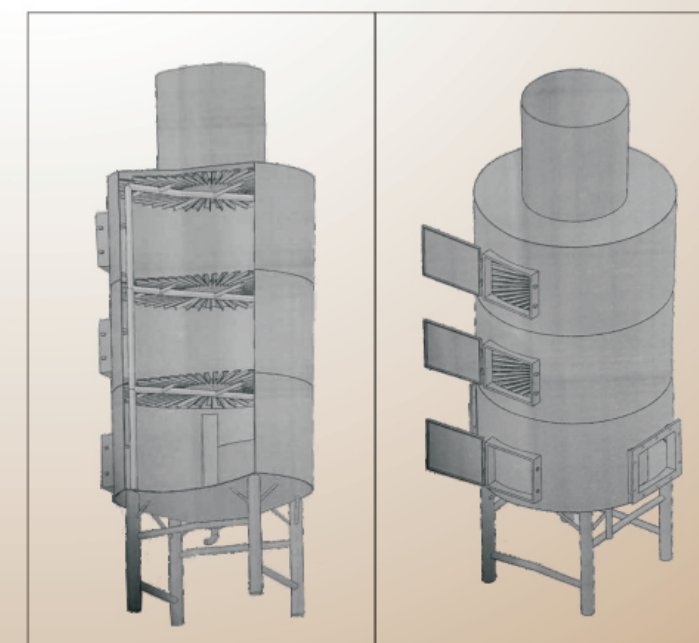
Appearance size: 900 mm x 600 mm x 1100 mm



HD-A899

水塔式環保除塵機
Tower-type environmental dust machine

HD-A900 HD-A901 HD-A902 HD-A903 HD-A904 HD-A905



HD-A 水塔式環保除塵機 HD Tower-type environmental dust machine



HD-A900-A

精密自動研磨打砂機(A型)
Precision automatic grinding sand machine (TYPE A)

機器功能

主電機功率: 1.1kw/380V
主軸轉速: 0-2800RPM
用途: 大尼龍紗, 石棉砂
特點: 機身重, 噪音小, 可根據不同的產品變頻, 控制轉速, 使產品更加完美
外觀尺寸: 1200x450x1500mm

Machine Function

Main motor power: 1.1/380V
Spindle speed: 0-2800rpm
Purpose: large nylon yarn asbestos sand
Features: heavy body, small noise, can be according to different product frequency conversion, control the speed to make the product more perfect
Appearance: 1200x450x1500mm

重點檢查

HD-A900-B

精密自動研磨打砂機(B型)
Precision automatic grinding sand machine (TYPE B)
Precision automatic grinding sand machine

機器功能

主電機功率: 1.1kw/380V
主軸轉速: 0-2800RPM
用途: 大尼龍紗, 石棉砂
特點: 機身重, 噪音小, 可根據不同的產品變頻, 控制轉速, 使產品更加完美
外觀尺寸: 1200x450x1500mm

Machine Function

Main motor power: 1.1/380V
Spindle speed: 0-2800rpm
Purpose: large nylon yarn asbestos sand
Features: heavy body, small noise, can be according to different product frequency conversion, control the speed to make the product more perfect
Appearance: 1200x450x1500mm



HD-A 水塔式環保除塵機 HD Tower-type environmental dust machine

HD-A901

精密重型自動鑽切一體機
Precision automatic vertical sand belt machine

機器功能

主電機功率: 1.1kw/380V
主軸轉速: 0-2800RPM
用途: 大尼龍紗, 石棉砂
特點: 機身重, 噪音小, 可根據不同的產品變頻, 控制轉速, 使產品更加完美
外觀尺寸: 1200x450x1500mm

Machine Function

Main motor power: 1.1/380V
Spindle speed: 0-2800rpm
Purpose: large nylon yarn asbestos sand
Features: heavy body, small noise, can be according to different product frequency conversion, control the speed to make the product more perfect
Appearance: 1200x450x1500mm

重點檢查



HD-A902

精密自動立式砂帶機
Precision automatic vertical sand belt machine

機器功能

主電機功率: 0.75kw
主軸裝夾方式: 氣動
特點: 全中文數字化操作; 表殼橫直砂打磨, 360°可任意調節等份; 砂帶磨損自動補償; 進口步進電機控制、精度高、加工穩定; 氣動快捷裝卸表殼; 一人可同時操作多臺
用途: 小五金及底蓋橫直砂打磨
外觀尺寸: 1250x1050x1380mm

Machine Function

Main motor power: 0.75KW
Spindle clamping method: pneumatic
Features: All Chinese digital operation; Case sanded horizontally, 360° can be arbitrarily adjusted equal parts; Automatic compensation for sand belt wear; Import stepper Motor control, high precision, stable processing; Pneumatic quick handling table Shell; One person can operate multiple sets at the same time
Use: hardware and bottom cover horizontal sand grinding
Dimensions: 1250x1050x1380mm





HD-A903

精密自動升降R砂帶機
Precision automatic lifting R belt machine

機器功能

主電機功率: 1.1kw/380V
主軸轉速: 0-2800RPM
用途: 大尼龍紗, 石棉砂
特點: 機身重, 噪音小, 可根據不同的產品
變頻, 控制轉速, 使產品更加完美
外觀尺寸: 1200x450x1500mm

Machine Function

Main motor power: 1.1/380V
Spindle speed: 0-2800rpm
Purpose: large nylon yarn asbestos sand
Features: heavy body, small noise, can be according to different product frequency conversion, control the speed to make the product more perfect
Appearance: 1200x450x1500mm

重點檢查

HD-A904

精密獨立除塵環保雙碟磨光機
Precision independent dust removal and environmental protection double disc polishing machine

機器功能

主電機功率: 1.1kw/380V
主軸轉速: 0-2800RPM
用途: 大尼龍紗, 石棉砂
特點: 機身重, 噪音小, 可根據不同的產品
變頻, 控制轉速, 使產品更加完美
外觀尺寸: 1200x450x1500mm

Machine Function

Main motor power: 1.1/380V
Spindle speed: 0-2800rpm
Purpose: large nylon yarn asbestos sand
Features: heavy body, small noise, can be according to different product frequency conversion, control the speed to make the product more perfect
Appearance: 1200x450x1500mm



重點檢查

HD-A 水塔式環保除塵機 HD Tower-type environmental dust machine



HD-A905

精密獨立除塵環保單頭草轆機
Precision independent dust removal and environmental protection single head grass roller

機器功能

主電機功率: 1.1kw/380V
主軸轉速: 0-2800RPM
用途: 大尼龍紗, 石棉砂
特點: 機身重, 噪音小, 可根據不同的產品
變頻, 控制轉速, 使產品更加完美
外觀尺寸: 1200x450x1500mm

Machine Function

Main motor power: 1.1/380V
Spindle speed: 0-2800rpm
Purpose: large nylon yarn asbestos sand
Features: heavy body, small noise, can be according to different product frequency conversion, control the speed to make the product more perfect
Appearance: 1200x450x1500mm

重點檢查

HD-A906

精密平面圓砂機
Precision flat circular sand machine

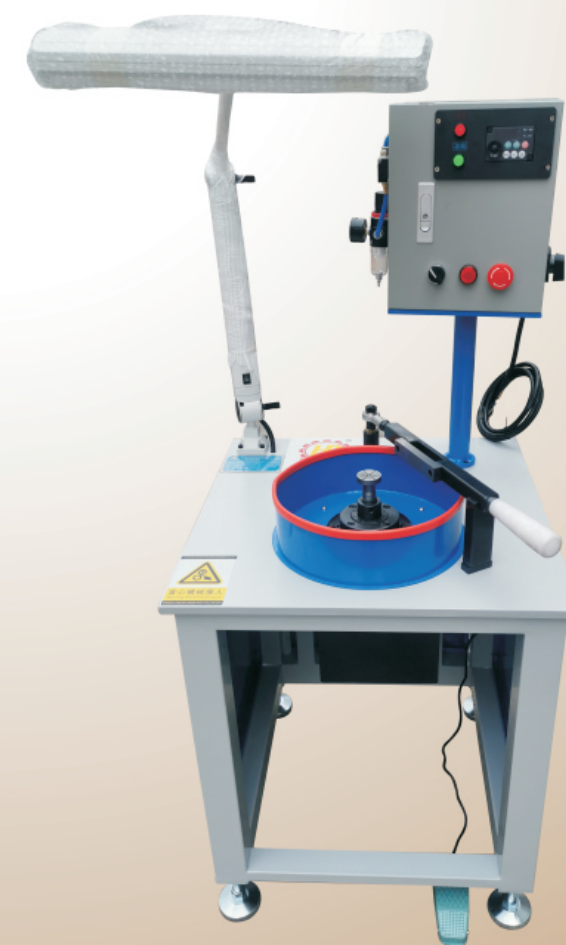
機器功能

主電機功率: 1.1kw/380V
主軸轉速: 0-2800RPM
用途: 大尼龍紗, 石棉砂
特點: 機身重, 噪音小, 可根據不同的產品
變頻, 控制轉速, 使產品更加完美
外觀尺寸: 1200x450x1500mm

Machine Function

Main motor power: 1.1/380V
Spindle speed: 0-2800rpm
Purpose: large nylon yarn asbestos sand
Features: heavy body, small noise, can be according to different product frequency conversion, control the speed to make the product more perfect
Appearance: 1200x450x1500mm

重點檢查



HD-A 水塔式環保除塵機 HD Tower-type environmental dust machine

HD-A907

精密水塔式環保獨立除塵兩工位小型拋光一體機
Precision water tower type environmental protection independent dust removal two-station polishing machine

機器功能

主電機功率: 1.1kw/380V
主軸轉速: 0-2800RPM
用途: 大尼龍紗, 石棉砂
特點: 機身重, 噪音小, 可根據不同的產品變頻, 控制轉速, 使產品更加完美
外觀尺寸: 1200x450x1500mm

Machine Function

Main motor power: 1.1/380V
Spindle speed: 0-2800rpm
Purpose: large nylon yarn asbestos sand
Features: heavy body, small noise, can be according to different product frequency conversion, control the speed to make the product more perfect
Appearance: 1200x450x1500mm



HD-A908

精密水塔式環保獨立除塵兩工位拋光一體機
Precision water tower type environmental protection independent dust removal two-station polishing machine

機器功能

主電機功率: 1.1kw/380V
主軸轉速: 0-2800RPM
用途: 大尼龍紗, 石棉砂
特點: 機身重, 噪音小, 可根據不同的產品變頻, 控制轉速, 使產品更加完美
外觀尺寸: 1200x450x1500mm

Machine Function

Main motor power: 1.1/380V
Spindle speed: 0-2800rpm
Purpose: large nylon yarn asbestos sand
Features: heavy body, small noise, can be according to different product frequency conversion, control the speed to make the product more perfect
Appearance: 1200x450x1500mm



重點檢查

HD-A 水塔式環保除塵機 HD Tower-type environmental dust machine

HD-A909

精密水塔式環保獨立除塵四工位拋光一體機
Precision water tower type environmental protection independent dust removal four-station polishing machine

機器功能

主電機功率: 1.1kw/380V
主軸轉速: 0-2800RPM
用途: 大尼龍紗, 石棉砂
特點: 機身重, 噪音小, 可根據不同的產品變頻, 控制轉速, 使產品更加完美
外觀尺寸: 1200x450x1500mm

Machine Function

Main motor power: 1.1/380V
Spindle speed: 0-2800rpm
Purpose: large nylon yarn asbestos sand
Features: heavy body, small noise, can be according to different product frequency conversion, control the speed to make the product more perfect
Appearance: 1200x450x1500mm



重點檢查

HD-A 車床仔、戒指機 HD lathe, ring machine



HD-A001

精密重型車床仔 (A 型)
Precision heavy lathe Aberdeen (A type)

機器功能

主電機功率: 1.1Kw/380V
主軸轉速: 600/750/1100/1500RPM
特點: 切削鋼表殼, 推拉式裝卸表殼及打磨圓砂
用途: 加工鋼表殼
外觀尺寸: 910mmx435mmx1160mm

Machine Function

Main motor power: 1.1 / 380v
Spindle speed: 600 / 750 / 1100 / 1500 rpm
Features: cutting steel case, push-pull loading and unloading case and grinding round sand
Purpose: steel case for processing steel case
Appearance size: 910 mm x 435 mm x 1160 mm

HD-A002

多功能戒指機 (首飾、戒指、表殼專用)
Multifunctional ring machine (jewelry, rings, watchcase special)

機器功能

主電機功率: 3.0Kw/380V
主軸轉速: 1430RPM
特點: 配置不銹鋼外罩
用途: 首飾、戒指、表殼專用, 適合加工黃金材質使用
外觀尺寸: 850mmx920mmx1200mm

Machine Function

Main motor power: 3.0 / 380v
Spindle speed: 0-1430 rpm
Features: stainless steel cover configuration, Suitable for processing gold material
Purpose: jewelry, rings, case - specific
Appearance size: 850 mm x 920mm x 1200 mm



HD-A 小車床系列 HD small lathe series



HD-A003

小車床 (臺灣式)
Small lathe (Taiwan)

機器功能

主電機功率: 1.1KW/380V
主軸轉速: 850/1400/1800RPM
特點: 多刀操作
用途: 加工鋼殼及五金飾品
外觀尺寸: 820x650x1200mm

Machine Function

Main motor power: 1.1 / 380v
Spindle speed: 850 / 1400 / 1800 rpm
Feature: multi - knife operation
Purpose: processing steel shell and metal jewelry
Appearance size: 820 x 650 x 1200 mm

HD-A004

大型小車床 (專用陶瓷刀具精車鋼表殼、鋼圈耳底、耳面)

Large small lathe (special ceramic cutter finishing steel case, steel ear, ear surface.)

機器功能

主電機功率: 3KW/380V
主軸轉速: 850/1400/1800RPM
特點: 多刀操作
用途: 加工鋼殼及五金飾品
外觀尺寸: 820x650x1200mm

Machine Function

Motor power: 3kw / 380v
Spindle speed: 850 / 1400 / 1800 rpm
Feature: multi - knife operation
Purpose: processing steel shell and metal jewelry
Appearance size: 820 x 650 x 1200 mm



HD-A 磨刀機系列 HD knife sharpening machine series



HD-A005

精密重型磨陶瓷刀磨刀機（專業磨陶刀具）
Precision heavy professional ceramic cutter sharpener

機器功能

電機功率: 550w/380v
主軸轉速: 2800RPM
水泵功率: 90W/380V
特點: 帶有油泵，可以自動加油和設有可調角度平臺可根據不同的角度隨便調節。
用途: 專業磨表殼切削車刀及陶瓷刀具精磨。
外觀尺寸: 1080mmx500mmx1140mm

Machine Function

Motor power: 550 w / 380v
Spindle speed: 2800 rpm
Pump power: 90w / 380v
Features: with oil pump, automatic refueling and a adjustable angle platform can be adjusted according to different angles.
Application: professional grinding case, cutting tools and ceramic tools, grinding.
Appearance size: 1080 mm x mm 500 x1140 mm



HD-A006

磨刀機（專業磨切削刀具）
Grinding machine (professional grinding cutting tools)

機器功能

電機功率: 250w/380v
主軸轉速: 2800RPM
特點: 設有可調角度平臺可根據不同的角度隨便調節。
用途: 適用於表殼車刀及精加工車刀。
外觀尺寸: 900mm*460mm*1100mm

Machine Function

Motor power: 250 w / 380v
Spindle speed: 2800 rpm
Characteristics: with adjustable angle platform can be adjusted according to different angles.
Purpose: suitable for case turning and finishing tools.
Appearance size: 900 mmx460 mm x1100 mm

HD-A 耳孔機系列 HD earhole machine series



HD-A007

氣動頂細身耳孔機
Pneumatic top small hole machine

機器功能

主電機功率: 250W/380V
主軸轉速: 4000RPM
特點: 不論表殼絲孔是否偏心，細身定位鑽孔，使細身與耳孔的偏差縮小到0.02毫米範圍內
用途: 鑽鋼殼耳孔
外觀尺寸: 450x500x450mm

Machine Function

Main motor power: 250 w / 380v
Spindle speed: 4000 rpm
Features: no matter if the case wire hole is eccentric, fine positioning drilling, Narrow the gap between the body and the ear to 0.02 mm
Purpose: drill steel shell ear hole
Appearance size: 450 x 500 x 450 mm



HD-A008

手動頂細身耳孔機
Manual top small hole machine

機器功能

主電機功率: 250W/380V
主軸轉速: 4000RPM
特點: 自動頂細身定位，快、精、準；可鑽直孔、斜孔
用途: 用於鑽表殼盲孔
外觀尺寸: 450x500x450mm

Machine Function

Main motor power: 250 w / 380v
Spindle speed: 4000 rpm
Characteristics: automatic roof fine positioning, fast, accurate, accurate; can drill straight hole and oblique hole
Purpose: used for drilling hole blind hole
Appearance size: 450 x 500 x 450 mm

HD-A 耳孔機、牙機系列 HD earhole machine, tooth machine series



HD-A009

氣壓手動頂細身耳孔機
Pneumatic manual top small hole machine

機器功能

主機電機功率: 250W/380v
主軸轉速: 4000RPM
特點: 以細身定位, 鑽耳孔通孔都可以鑽, 鑽孔準。
用途: 氣壓頂位用于鋼表殼鑽耳孔頂細身。
外觀尺寸: 450x500x450mm

Machine Function

Host motor power: 250 w / 380v
Spindle speed: 4000 rpm
Features: fine positioning, drill hole drill hole can be drilled, drilling.
Application: pneumatic top position is used for steel case drill hole tip.
Appearance size: 450 x 500 x 450 mm



HD-A010

九刀牙機
Nine cutter tooth machine

機器功能

主機電機功率: 750W/380v
主軸轉速: 1400RPM
特點: 操作簡便, 精密度高。
用途: 精車表殼、表底牙。
外觀尺寸: 560x400x980mm

Machine Function

Host motor power: 750 w / 380v
Spindle speed: 0-1400 rpm
Characteristics: simple operation, high precision.
Purpose: fine car watch case, table bottom teeth.
Appearance size: 560x400x980 mm

HD-A 牙機、車床仔系列 HD tooth machine, lathe series



HD-A011

牙機 (四刀、六刀、八刀)
Tooth machine (four, six, eight knife knife knife)

機器功能

主機電機功率: 370W/380v
主軸轉速: 1400RPM
特點: 此機還分為三刀、六刀、八刀, 操作簡便, 精密度高。
用途: 精車表殼、表底牙。
外觀尺寸: 560x400x980mm

Machine Function

Host motor power: 370 w / 380v
Spindle speed: 1400 rpm
Features: this machine is divided into three knives, six knives, eight knives, easy operation, high precision.
Purpose: fine car watch case, table bottom teeth.
Appearance size: 560 x 400 x 980 mm

HD-A012

精密重型車床仔 (A型)
Precision heavy duty lathe at (A type)

機器功能

主電機功率: 1.1KW/380V
主軸轉速: 600/750/1100/1500RPM
用途: 加工鋼表殼
特點: 切削鋼表殼, 推拉式裝卸表殼, 配置打砂機頭打磨圓砂更方便
外觀尺寸: 910x435x1160mm

Machine Function

Main motor power: 1.1kw/ 380v
Spindle speed: 600/750/1100/1500 rpm
Purpose: Machined steel case
Characteristics: Cutting steel case, push-pull loading and unloading case, and distributing sand head. It is more convenient to grind round sand
Appearance size: 910 x 435 x 1160 mm



HD-A 小車床系列 HD small lathe series



HD-A013-A

高速小車床A型 (25型、32型)
High speed small lathe A type
(25type, 32type)

機器功能

主電機功率: 1.1KW/380V
主軸轉速:1260RPM 1520RPM 1838RPM
用途: 車不銹鋼表殼及手飾品
特點: 生產效率高, 主軸電機帶離合斷電即剎車
外觀尺寸: 900x450x1080mm

Machine Function

Main motor power: 1.1 / 380v
Spindle speed: 1260 rpm, 1520 rpm 1838 rpm
Usage: stainless steel case and accessories for stainless steel
Characteristics: high production efficiency, spindle motor with clutch power cut, namely brake
Appearance size: 900 x 450 x 1080 mm

HD-A013-B

高速小車床B型 (15型、25型、32型)
High speed small lathe B type
(15type,25type,32type)

機器功能

主電機功率: 1.1KW/380V
主軸轉速: 1260RPM 1520RPM 1838PRM
用途: 車不銹鋼表殼及飾品
特點: 生產效率高, 主軸電機帶離合, 斷電即剎車
外觀尺寸: 900x450x1080mm

Machine Function

Main motor power: 1.1 / 380v
Spindle speed: 1260 rpm, 1520 rpm 1838 prm
Usage: stainless steel case and accessories for stainless steel
Characteristics: make stainless steel cover, suitable for processing gold material
Appearance size: 900 x 450 x 1080 mm



HD-A 小車床系列 HD small lathe series



HD-A013-C1

高速小車床C1型 (15型、25型、32型)
High speed small lathe C1 type (15type, 25type, 32type)

機器功能

主電機功率: 1.1kw/380V
主軸轉速: 1260-1520RPM
用途: 車不銹鋼表殼及飾品
特點: 配制不銹鋼外罩, 適合加工黃金材質使用
外觀尺寸: 900x450x1080mm

Machine Function

Main motor power: 1.1/380V
Spindle speed: 1260-1520rpm
Purpose: stainless steel watchcase and accessories
Features:stainless steel housing, suitable for processing gold material
Appearance: 900x450x1080mm

HD-A013-C2

高速小車床C2型 (15型、25型、32型)
High speed small lathe C1 type (15type, 25type, 32type)

機器功能

主電機功率: 1.1kw/380V
主軸轉速: 0-2800RPM
用途: 車不銹鋼表殼及飾品
特點: 生產效率高, 主軸電機帶離合, 斷電即剎車
外觀尺寸: 900x450x1080mm

Machine Function

Main motor power: 1.1/380V
Spindle speed: 1260-1520rpm
Purpose: stainless steel watchcase and accessories
Features:stainless steel housing, suitable for processing gold material
Appearance: 900x450x1080mm



HD-A 砂輪機系列 HD grinder series



HD-A014

立式帶抽風防塵砂輪機 (上海三菱)(A型)
Vertical suction dust grinder (Shanghai Mitsubishi)
(A type)

機器功能

主電機功率: 750W/380V
主軸轉速: 2850RPM
用途: 環保型除塵式砂輪機
特點: 砂輪機和除塵器一體化組合, 吸塵效率及設備運行更安全
砂輪尺寸: 250x25x 32
外觀尺寸: 680x250x1060mm

Machine Function

Main motor power: 750 w / 380v
Spindle speed: 2850 rpm
Application: environment-friendly dedusting type grinding machine
Features: integrated combination of grinding wheel machine and dust catcher, dust absorption efficiency and setting operational safety
Grinding wheel size: 250 x25x 32
Appearance size: 680 x 250 x 1060m

HD-A014

立式砂輪機 (西湖牌)(B型)
vertical wheel (West Lake)(B type)

機器功能

主電機功率: 750W/380V
主軸轉速: 2850RPM
特點: 雙砂輪對稱配置, 撤銷更方便
用途: 磨切削刀工具
砂輪尺寸: 250x25x 32
外觀尺寸: 450x500x450mm

Machine Function

Main motor power: 750 w / 380v
Spindle speed: 2850 rpm
Features: double wheel symmetry configuration, easier to undo
Purpose: abrasive cutting tool tool
Grinding wheel size: 250 x25x 32
Appearance size: 450 x 500 x 450 mm



HD-A 小車床、精車機 HD small lathe, fine turning machine



HD-A015

精密重型小車床 (B型)
Precision heavy duty lathe at (B type)

機器功能

主電機功率: 1.5KW/380V
主軸轉速: 850/1400/2800RPM
用途: 加工鋼殼及圈、底、蓋
特點: 專用車圓砂、打弧圓砂, 精加工
外觀尺寸: 82x65x120 c m

Machine Function

Main motor power: 1.5kw / 380v
Spindle speed: 850 / 1400 / 2800 rpm
Purpose: processing steel shell and ring, bottom, cover
Characteristics: special purpose vehicle round sand, da round sand, fine processing
Appearance size: 82 x 65 x 120 cm

HD-A016

精密重型精車機 (專車五金件、首飾件)
precision heavy duty finishing machine (special hardware, jewelry pieces)

機器功能

主電機功率: 1.1KW/380V
主軸轉速: 600/750/1100/1500RPM
用途: 專車五金件、首飾件
外觀尺寸: 1000x500x1200mm

Machine Function

Main motor power: 1.1 / 380v
Spindle speed: 600 / 750 / 1100 / 1500 rpm
Usage: special car hardware, jewelry pieces
Appearance size: 1000 x 500 x 1200 mm



HD-A 草軋機系列 HD grass roller series

HD-A017-A

精密自控重型雙頭草軋機(A型)
Precision Self-controlled Heavy-duty
Double-head Straw Roller (Type A)

機器功能

主電機功率: 1.1kw/380V
主軸轉速: 0-2800RPM
用途: 大尼龍紗, 石棉砂
特點: 機身重, 噪音小, 可根據不同的產品
變頻, 控制轉速, 使產品更加完美
外觀尺寸: 1200x450x1500mm

Machine Function

Main motor power: 1.1/380V
Spindle speed: 0-2800rpm
Purpose: large nylon yarn asbestos sand
Features: heavy body, small noise, can be
according to different product frequency
conversion, control the speed to make the
product more perfect
Appearance: 1200x450x1500mm



重點檢查

HD-A017-B

精密自控防爆雙頭草軋機(B型)
Precision Self-controlled Heavy-duty
Double-head Straw Roller (Type B)

機器功能

主電機功率: 3KW/380V
主軸轉速: 0-2800RPM
用途: 磨表殼大身, 細身及五金飾品
特點: 根據不同產品變頻控制轉速
外觀尺寸: 1200x450x1500mm

Machine Function

Main motor power: 3kw / 380v
Spindle speed: 0-2800 rpm
Purpose: grinding case, body, fine body and
hardware jewelry
Characteristics: according to different product
frequency conversion control speed
Appearance size: 1200 x 450 x 1500 mm



HD-A 草軋機系列 HD grass roller series

HD-A018-A

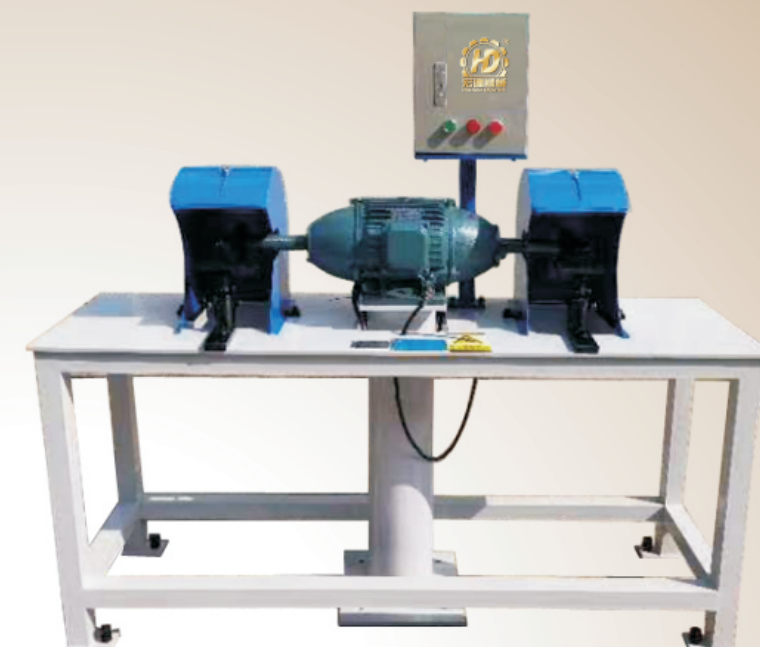
精密自控分體雙頭草軋機(A型)
Precision Automatic Control Split Double
Head Straw Roller (Type A)

機器功能

主電機功率: 1.1kw/380V
主軸轉速: 0-2800RPM
用途: 大尼龍紗, 石棉砂
特點: 機身重, 噪音小, 可根據不同的產品
變頻, 控制轉速, 使產品更加完美
外觀尺寸: 1200x450x1500mm

Machine Function

Main motor power: 1.1/380V
Spindle speed: 0-2800rpm
Purpose: large nylon yarn asbestos sand
Features: heavy body, small noise, can be
according to different product frequency
conversion, control the speed to make the
product more perfect
Appearance: 1200x450x1500mm



重點檢查

HD-A018-B

精密分體防爆雙頭草軋機(B型)
Precision Automatic Control Split Double
Head Straw Roller (Type B)

機器功能

主電機功率: 1.1kw/380V
主軸轉速: 0-2800RPM
用途: 大尼龍紗, 石棉砂
特點: 機身重, 噪音小, 可根據不同的產品
變頻, 控制轉速, 使產品更加完美
外觀尺寸: 1200x450x1500mm

Machine Function

Main motor power: 1.1/380V
Spindle speed: 0-2800rpm
Purpose: large nylon yarn asbestos sand
Features: heavy body, small noise, can be
according to different product frequency
conversion, control the speed to make the
product more perfect
Appearance: 1200x450x1500mm



重點檢查

HD-A 草軋機系列 HD grass roller series

HD-A018-C

精密重型雙頭草軋機(C型)
Precision Automatic Control Split Double
Head Straw Roller (Type C)

機器功能

主電機功率: 1.1kw/380V
主軸轉速: 0-2800RPM
用途: 大尼龍紗, 石棉砂
特點: 機身重, 噪音小, 可根據不同的產品
變頻, 控制轉速, 使產品更加完美
外觀尺寸: 1200x450x1500mm

Machine Function

Main motor power: 1.1/380V
Spindle speed: 0-2800rpm
Purpose: large nylon yarn asbestos sand
Features: heavy body, small noise, can be
according to different product frequency
conversion, control the speed to make the
product more perfect
Appearance: 1200x450x1500mm



HD-A019

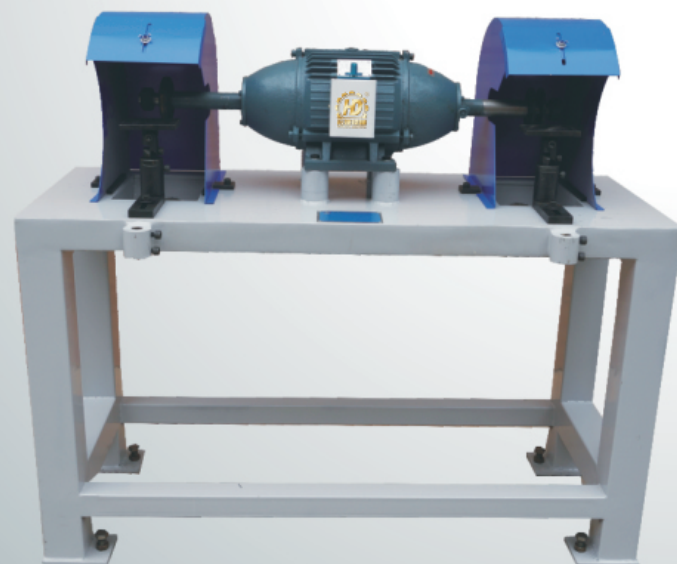
重型雙頭草軋機 (B型雙速)
Heavydouble-headed grass reel machine
(B type double speed)

機器功能

主電機功率: 3KW/380V
主軸轉速: 1400RPM/2800RPM
用途: 磨表殼大身, 細身及五金飾品
特點: 可同時兩人工作
外觀尺寸: 1500x650x1030mm

Machine Function

Main motor power: 3kw / 380v
Spindle speed: 1400 rpm / 2800 rpm
Purpose: grinding case, body, fine body and
hardware jewelry
Features: two people can work at the same time
Appearance size: 1500 x 650 x 1030 mm



HD-A 草軋機系列 HD grass roller series

HD-A020-B

重型雙頭草軋機(B型)
Heavy Duty Double End Straw Tackle (Type B)

機器功能

主電機功率: 3KW/380V
主軸轉速: 1400RPM/2800RPM
用途: 磨表殼大身, 細身及五金飾品
特點: 可同時兩人工作
外觀尺寸: 1500x650x1030mm

Machine Function

Main motor power: 3kw / 380v
Spindle speed: 1400 rpm / 2800 rpm
Purpose: grinding case, body, fine body and
hardware jewelry
Features: two people can work at the same time
Appearance size: 1500 x 650 x 1030 mm



HD-A021-A

精密自控重型單頭草軋機 (A型)
Precision control of heavy duty single head
grass reel machine (A type)

機器功能

主電機功率: 1.1KW/380V
主軸轉速: 0-2800RPM
用途: 大尼龍紗, 石棉砂
特點: 機身重, 噪音小, 可根據不同的產品變頻,
控制轉速, 使產品更加完美
外觀尺寸: 1200x450x1500mm

Machine Function

Main motor power: 1.1 / 380v
Spindle speed: 0-2800 rpm
Purpose: large nylon yarn, asbestos sand
Features: heavy body, small noise, can be
according to different product frequency
conversion, control the speed to make the
product more perfect
Appearance size: 1200 x 450 x 1500 mm



HD-A 草轆機系列 HD grass roller series



HD-A021-B

精密自控重型單頭草轆機(B型)
 Precision self-controlled heavy duty single head roller

機器功能

主電機功率: 1.1kw/380V
 主軸轉速: 0-2800RPM
 用途: 大尼龍紗, 石棉砂
 特點: 機身重, 噪音小, 可根據不同的產品變頻, 控制轉速, 使產品更加完美
 外觀尺寸: 1200x450x1500mm

Machine Function

Main motor power: 1.1/380V
Spindle speed: 0-2800rpm
Purpose: large nylon yarn asbestos sand
Features: heavy body, small noise, can be according to different product frequency conversion, control the speed to make the product more perfect
Appearance: 1200x450x1500mm

重點檢查

HD-A022-B

精密自控重型單頭草轆機 (B 型)
 Precision control of heavy duty single head grass reel machine (B type)

機器功能

主電機功率: 750KW/380V
 主軸轉速: 0-2800RPM
 用途: 大尼龍紗, 石棉砂
 特點: 機身重, 噪音小, 可根據不同的產品變頻, 控制轉速, 使產品更加完美
 外觀尺寸: 1200x450x1500mm

Machine Function

Main motor power: 750 KW/ 380v
Spindle speed: 0-2800 rpm
Purpose: large nylon yarn, asbestos sand
Features: heavy body, small noise, can be according to different product frequency conversion, control the speed to make the product more perfect
Appearance size: 1200 x 450 x 1500 mm



HD-A 超聲波、草轆機系列 HD ultrasonic, grass roll machine series



HD-A023

超聲波
 Ultrasonic

機器功能

加熱功率: 4.0KW
 超聲功率: 1440KW
 用途: 清洗表殼
 內槽尺寸: 600x400x400mm
 外觀尺寸: 1500x650x1030mm

Machine Function

Heating power: 4.0 kw
Ultrasonic power: 1440 kw
Purpose: cleaning case
Internal slot size: 600 x 400 x 400 mm
Appearance size: 1500 x 650 x 1030 mm

HD-A024

重型單頭草轆機
 Heavy duty single head grass reel machine

機器功能

主電機功率: 750KW/380V
 主軸轉速: 1400RPM/2800RPM/3200RPM
 用途: 打尼龍砂, 砂棉砂
 特點: 草輪及尼龍輪兩種, 均可使用安裝
 外觀尺寸: 800x500x1400mm

Machine Function

Main motor power: 750KW / 380v
Spindle speed: 1400 rpm / 2800 rpm / 3200 rpm
Purpose: nylon sand, sand and cotton sand
Characteristics: straw and nylon wheel, both can be installed
Appearance size: 800 x 500 x 1400 mm



HD-A 磨光機系列 HD polishing machine series

HD-A025-A

精密自控微調重型雙碟磨光機(A型)
Precision self-controlled fine-tuning heavy-duty double disc polishing machine (Type A)

機器功能

主電機功率：750KW/380V
主軸轉速：0-2800RPM
用途：大尼龍紗，石棉砂
特點：機身重、穩定性好，平面跳動0.03mm以內，
工作拖板可微調，根據不同產品變頻調節轉速
外觀尺寸：900x600x1475mm

Machine Function

Main motor power: 750kw / 380v
Spindle speed: 0-2800 rpm
Purpose: large nylon yarn, asbestos sand
Features: body weight, good stability, plane runout of less than 0.03 mm, the dragging unit can be adjusted to adjust the speed according to different product frequency conversion
Appearance size: 900 x 600 x 1,475 mm



HD-A025-A1

精密自控微調重型雙碟磨光機(A1型)
Precision self-controlled fine-tuning heavy-duty double disc polishing machine (Type A1)

機器功能

主電機功率：1.1kw/380V
主軸轉速：0-2800RPM
用途：大尼龍紗，石棉砂
特點：機身重，噪音小，可根據不同的產品變頻，
控制轉速，使產品更加完美
外觀尺寸：1200x450x1500mm

Machine Function

Main motor power: 1.1/380V
Spindle speed: 0-2800rpm
Purpose: large nylon yarn asbestos sand
Features: heavy body, small noise, can be according to different product frequency conversion, control the speed to make the product more perfect
Appearance: 1200x450x1500mm

重點檢查

HD-A 磨光機系列 HD polishing machine series

HD-A025-B

精密自控微調重型雙碟磨光機 (B型)
Precision control of heavy disc grinder (B type)

機器功能

主電機功率：750KW/380V
主軸轉速：0-2800RPM
用途：大尼龍紗，石棉砂
特點：機身重、穩定性好，平面跳動0.03mm以內，
工作拖板可微調，根據不同產品變頻調節轉速
外觀尺寸：900x600x1475mm

Machine Function

Main motor power: 750kw / 380v
Spindle speed: 0-2800 rpm
Purpose: large nylon yarn, asbestos sand
Features: body weight, good stability, plane runout of less than 0.03 mm, the dragging unit can be adjusted to adjust the speed according to different product frequency conversion
Appearance size: 900 x 600 x 1,475 mm



HD-A 磨光機系列 HD polishing machine series

HD-A025-A

精密自控微調重型雙碟磨光機(A型)
Precision self-controlled fine-tuning heavy-duty double disc polishing machine (Type A)

機器功能

主電機功率: 750KW/380V
主軸轉速: 0-2800RPM
用途: 大尼龍紗, 石棉砂
特點: 機身重、穩定性好, 平面跳動0.03mm以內,
工作拖板可微調, 根據不同產品變頻調節轉速
外觀尺寸: 900x600x1475mm

Machine Function

Main motor power: 750kw / 380v
Spindle speed: 0-2800 rpm
Purpose: large nylon yarn, asbestos sand
Features: body weight, good stability, plane runout of less than 0.03 mm, the dragging unit can be adjusted to adjust the speed according to different product frequency conversion
Appearance size: 900 x 600 x 1,475 mm



HD-A025-A1

精密自控微調重型雙碟磨光機(A1型)
Precision self-controlled fine-tuning heavy-duty double disc polishing machine (Type A1)

機器功能

主電機功率: 1.1kw/380V
主軸轉速: 0-2800RPM
用途: 大尼龍紗, 石棉砂
特點: 機身重, 噪音小, 可根據不同的產品變頻,
控制轉速, 使產品更加完美
外觀尺寸: 1200x450x1500mm

Machine Function

Main motor power: 1.1/380V
Spindle speed: 0-2800rpm
Purpose: large nylon yarn asbestos sand
Features: heavy body, small noise, can be according to different product frequency conversion, control the speed to make the product more perfect
Appearance: 1200x450x1500mm

重點檢查



HD-A 磨光機系列 HD polishing machine series

HD-A026

精密自控半自動微調重型雙碟磨光機 (A型)
Precision control semi automatic trimming heavy double grinder (A type)

機器功能

主電機功率: 750W/380V
主軸轉速: 0-2800RPM
用途: 專用表帶、表殼、同時能使粗幼砂一致。
特點: 使用精密微調, 公差0.01, 拖板可微調解
高度、角度, 使產品更加完美。
外觀尺寸: 900x700x1475mm

Machine Function

Main motor power: 750 w / 380v
Spindle speed: 0-2800 rpm
Uses: special watch ctrap, watch case, and can make coarse sand.
Characteristics: use fine adjustment, tolerance 0.01, the extension unit can be micro - Mediation Height, angle, make the product more perfect.
Appearance size: 900 cx700 x 1,475 mm



HD-A027

精密微調重型雙碟磨光機 (雙速)
Precision heavy duty disc grinder (double-speed)

機器功能

主電機功率: 550W/750W/380V
主軸轉速: 1400/2800RPM
用途: 磨鋼表殼、鋼表帶及五金件, 首飾品
手機配件
特點: 电机可調解快慢速
外觀尺寸: 650x450x1100mm

Machine Function

Main motor power: 550 w / 750 w / 380v
Spindle speed: 1,400 / 3000 rpm
Purpose: wear steel case, steel band and hardware, first jewelry mobile phone accessories
Characteristics: motor can be mediated fast slow speed
Appearance size: 650 x 450 x 1100 mm



HD-A 磨光機系列 HD polishing machine series



HD-A028-A

精密重型雙碟磨光機(A型)
Precision heavy duty Double disc Polisher (Type A)

機器功能

主電機功率: 1.1kw/380V
主軸轉速: 0-2800RPM
用途: 大尼龍紗, 石棉砂
特點: 機身重, 噪音小, 可根據不同的產品
變頻, 控制轉速, 使產品更加完美
外觀尺寸: 1200x450x1500mm

Machine Function

Main motor power: 1.1/380V
Spindle speed: 0-2800rpm
Purpose: large nylon yarn asbestos sand
Features: heavy body, small noise, can be according to different product frequency conversion, control the speed to make the product more perfect
Appearance: 1200x450x1500mm

HD-A028-B

精密重型雙碟磨光機(B型)
Precision heavy duty Double disc Polisher (Type B)

機器功能

主電機功率: 750W/380V
主軸轉速: 1400RPM
用途: 適用於鋼、銅表殼表帶及五金產品的磨砂
加工, 可以配套高射炮, 艇仔機, 彎面炮做其他
五金件
特點: 機身重, 穩定性好, 精度高, 價格適宜
使產品更加優良
外觀尺寸: 650x450x1100mm

Machine Function

Main motor power: 750 w / 380v
Spindle speed: 1,400 rpm
Purpose: applicable to grinding of steel, copper watch case, watch strap and hardware products processing, can complete anti - aircraft gun, boat, curved face gun to do other hardware
Features: heavy airframe, good stability, high precision, suitable price make the product better
Appearance size: 650 x 450 x 1100 mm



HD-A 磨光機系列 HD polishing machine series



HD-A029

精密自控重型雙碟磨光機
Precision control of heavy disc grinder

機器功能

主電機功率: 750W/380V
主軸轉速: 0-4380RPM
用途: 磨表帶、表殼及五金飾品
特點: 穩定性好, 精度高, 平面跳動0.03mm以內,
根據不同的產品調解轉速
外觀尺寸: 650x500x1500mm

Machine Function

Main motor power: 750 w / 380v
Spindle speed: 0-4380 rpm
Purpose: wear watch strap, watch case and metal accessories
Features: good stability, high precision, less than 0.03 mm in plane, speed of mediation based on different product
Appearance size: 650 x 500 x 1500 mm

HD-A030

精密調頻重型單碟磨光機 (水箱式)
Precision FM heavy single disc grinder (tank)

機器功能

主電機功率: 750W/380V
主軸轉速: 0-4380RPM
用途: 表殼、表帶及五金飾品。
水泵功率: 90W 380V
外觀尺寸: 650x450x1500mm

Machine Function

Main motor power: 750 w / 380v
Spindle speed: 0-4380 rpm
Purpose: watch case, watch band and hardware accessories.
Pump power: 90w 380v
Appearance size: 650 x 450 x 1500 mm



HD-A 磨光機、批鋒機系列 HD polishing machine, batch front machine series



HD-A031

精密重型單碟磨光機
Precision heavy single disc grinder

機器功能

主電機功率: 750W/380V
水泵功率: 90W/380V
主軸轉速: 2800RPM
用途: 適用於手表、首飾、五金件滴塑產品
特點: 精密度高, 操作簡單, 自帶水泵, 冷卻加工加後, 不會出現工作發藍、發黃、滴塑不平溶等現象, 可降低成本, 質量帶到保證。
外觀尺寸: 650x360x1140mm

Machine Function

Main motor power: 750 w / 380v
Pump power: 90w / 380v
Spindle speed: 2800 rpm
Purpose: applicable to the watch, jewelry, hardware and plastic drop mold products
Features: high precision, simple operation, with water pump, cooling after processing, will not appear the work of blueing, yellowing, mold not flat and other phenomena, can reduce costs, quality to ensure.
Appearance size: 650 x 360 x 1140 mm

HD-A032-A1

重型批鋒機 (配擺角度夾具) (A1型)
Heavy duty batch front (equipped with angle fixture)
(A1 type)

機器功能

主電機功率: 750W/380V
主軸轉速: 2800RPM
用途: 磨表殼、表帶及五金披鋒
特點: 操作簡單, 工作板可擺角度
外觀尺寸: 600x600x960mm

Machine Function

Main motor power: 750 w / 380v
Spindle speed: 2800 rpm
Purpose: wear case, band and metal front
Features: simple operation, working plate can swing angle
Appearance size: 600 x 600 x 960 mm



HD-A 批鋒機系列 HD batch front machine series



HD-A032-A2

重型批鋒機 (配擺角度夾具) (A2型)
Heavy duty batch front (equipped with angle fixture)
(A2 type)

機器功能

主電機功率: 750W/380V
主軸轉速: 2800RPM
用途: 磨表帶、表殼及五金披鋒
特點: 操作簡單, 工作板可擺角度
外觀尺寸: 450x350x960mm

Machine Function

Main motor power: 750 w / 380v
Spindle speed: 2,800 rpm
Purpose: wear watch cttrap, watch case and metal front
Features: simple operation, working plate can swing angle
Appearance size: 450 x 350 x 960 mm

HD-A033-B

重型批鋒機 (B型)
Heavy duty batch front (B type)

機器功能

主電機功率: 750W/380V
主軸轉速: 2800RPM
用途: 磨表殼、表帶及五金披鋒
外觀尺寸: 450x350x960mm

Machine Function

Main motor power: 750 w / 380v
Spindle speed: 2800 rpm
Purpose: wear case, band and metal front
Appearance size: 450 x 350 x 960 mm



HD-A 內影機系列 HD camera series

HD-A034-A

重型內影機 (A型)
Heavy internal camera (A type)

機器功能

主機電機功率: 550W/380V
主軸轉速: 2800RPM
特點: 配置重型工作臺面, 隨機配有大小軸芯, 根據客戶要求可定做R軸芯。
用途: 適用於鋼殼方型內影打磨及拉砂,
外觀尺寸: 500x600x720mm

Machine Function

Host motor power: 550 w / 380v
Spindle speed: 2800 rpm
Characteristics: equipped with heavy duty surface, with the size of the core shaft, according to the customer requirements can be customized r core.
Purpose: applicable to the square inner shadow grinding and sanding of the steel shell,
Appearance size: 500 x 600 x 720 mm



HD-A034-B

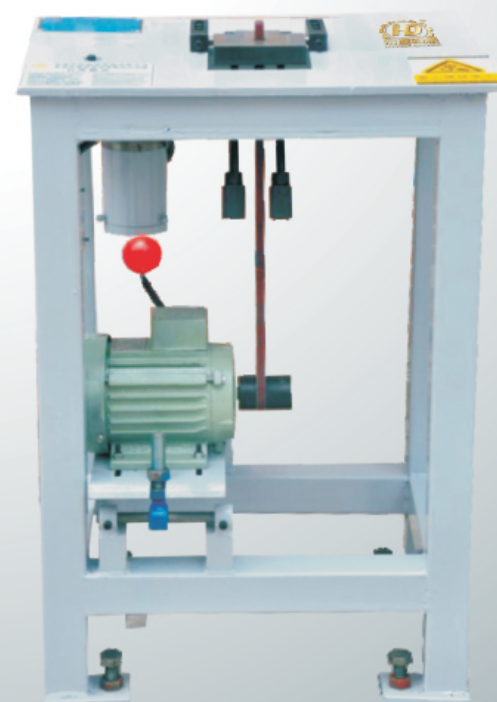
重型內影機 (B型)
Heavy internal camera (B type)

機器功能

主機電機功率: 550W/380V
主軸轉速: 2800RPM
特點: 配有大小軸芯, 根據客戶要求可定做R軸芯。
用途: 適用於鋼殼方型內影打磨及拉砂,
外觀尺寸: 500x350x720mm

Machine Function

Host motor power: 550 w / 380v
Spindle speed: 2800 rpm
Features: equipped with size core, according to customer requirements can be customized r core.
Purpose: applicable to the square inner shadow grinding and sanding of the steel shell,
Appearance size: 500 x 350 x 720 mm



HD-A 直砂機系列 HD sand straightening machine series

HD-A035-A

重型直砂機 (A型)
Heavy straight sand machine (A type)

機器功能

主機電機功率: 750W/380V
主軸轉速: 0-2800RPM
特點: 可任意升降高度, 擺斜度, 穩定型高, 根據不同產品變頻控制轉速。
用途: 磨表帶、表殼、首飾、五金雜件直砂
外觀尺寸: 780x600x960mm

Machine Function

Host motor power: 750 w / 380v
Spindle speed: 0 - 2800rpm
Characteristics: can arbitrarily lift height, tilt, stable height, according to different product frequency control speed.
Purpose: wear watch strap, watch case, jewelry, metal pieces, straight sand
Appearance size: 780 x 600 x 960 mm



HD-A035-A1

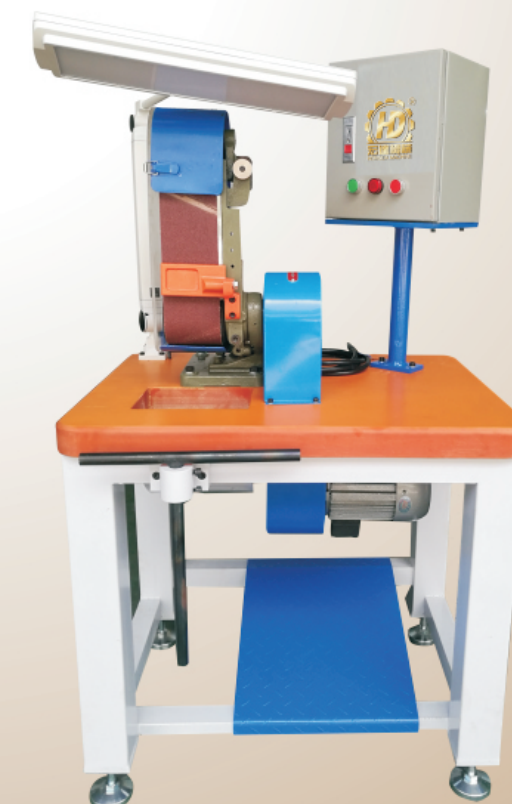
重型直砂機 (A1型)
Heavy straight sand machine (A1 type)

機器功能

主機電機功率: 750W/380V
主軸轉速: 0-2800RPM
特點: 可任意升降高度, 擺斜度, 穩定型高, 根據不同產品變頻控制轉速。
用途: 磨表帶、表殼、首飾、五金雜件直砂
外觀尺寸: 780x600x960mm

Machine Function

Host motor power: 750 w / 380v
Spindle speed: 0 - 2800rpm
Characteristics: can arbitrarily lift height, tilt, stable height, according to different product frequency control speed.
Purpose: wear watch strap, watch case, jewelry, metal pieces, straight sand
Appearance size: 780 x 600 x 960 mm



HD-A 內影機系列 HD camera series



HD-A035-B

重型直砂機 (B型)
Heavy straight sand machine (B type)

機器功能

主電機功率: 750W/380V
主軸轉速: 1400RPM
用途: 適用於表殼表帶及五金磨直砂之加工,
工作臺可以任意升高降低, 擺斜度, 穩定性高
特點: 加工產品良好, 價格合理
外觀尺寸: 650x400x750mm

Machine Function

Main motor power: 750 w / 380v
Spindle speed: 1,400 rpm
Purpose: applicable to the case watch strap and metal grinding straight sanding processing, working table fan be arbitrarily raised, the pendulum slope, high stability
Features: good processing products, reasonable price
Appearance size: 650 x 400 x 750 mm

HD-A035-B1

重型直砂機 (B1型)
Heavy straight sand machine (B1 type)

機器功能

主電機功率: 750W/380V
主軸轉速: 1400RPM
用途: 適用於表殼表帶及五金磨直砂之加工,
工作臺可以任意升高降低, 擺斜度, 穩定性高
特點: 加工產品良好, 價格合理
外觀尺寸: 650x400x750mm

Machine Function

Main motor power: 750 w / 380v
Spindle speed: 1,400 rpm
Purpose: applicable to the case watch strap and metal grinding straight sanding processing, working table fan be arbitrarily raised, the pendulum slope, high stability
Features: good processing products, reasonable price
Appearance size: 650 x 400 x 750 mm



HD-A 打磨機系列 HD grinding machine series



HD-A036-A

精密自控重型打磨機 (A型)
Precision automatic heavy polishing machine (A type)

機器功能

主機電機功率: 250W/380V
主軸轉速: 0-2800RPM
特點: 根據不同產品變頻控制轉速.
用途: 適用於大細凹位拋光加工, 手表行業和五金飾品打磨。
外觀尺寸: 800x600x970mm

Machine Function

Host motor power: 250 w / 380v
Spindle speed: 0-2800 rpm
Characteristics: according to different product frequency conversion control speed.
Purpose: applicable to large fine concave bit polishing, watch industry and hardware jewelry grinding.
Appearance size: 800 x 600 x 970mm

HD-A036-B

精密自控重型打磨機 (B型)
Precision automatic heavy polishing machine (B type)

機器功能

主機電機功率: 250W/380V
主軸轉速: 0-2800RPM
特點: 根據不同產品變頻控制轉速.
用途: 適用於大細凹位拋光加工, 手表行業和五金飾品打磨。
外觀尺寸: 900x600x1270mm

Machine Function

Host motor power: 250 w / 380v
Spindle speed: 0-2800 rpm
Characteristics: according to different product frequency conversion control speed.
Purpose: applicable to large fine concave bit polishing, watch industry and hardware jewelry grinding.
Appearance size: 900 x 600 x 1270 mm



HD-A 草轆機、磨光機系列 HD grass roll machine, polishing machine series



HD-A037-A

精密高速輕型打磨機 (A 型)
Precision light grinding machine (A type)

機器功能

主機電機功率: 180W/220V
主軸轉速: 1400/2800RPM
特點: 操作簡單, 精密度高
用途: 精磨五金件、首飾品打磨
外觀尺寸: 810x520x950mm

Machine Function

Host motor power: 180 w / 220
Spindle speed: 1400/2800rpm
Features: simple operation, high precision.
Uses: fine grinding hardware, first jewelry grinding.
Appearance size: 810 x 520 x 950 mm

HD-A038

精密自動斬批鋒機
Precision automatic chopper machine

機器功能

主機電機功率: 450W/220V
特點: 操作簡單, 精密度高
用途: 表帶皮鋒
外觀尺寸: 1000x800x1730mm

Machine Function

Host motor power: 450 w / 220v
Features: simple operation, high precision.
Uses: Skin front
Appearance size: 1000x800x1730mm



HD-A 大磨盤、水砂機系列 HD large grinder, water sand machine series



HD-A039

精密重型 R 草轆機
Precision R heavy grass reel machine

機器功能

主軸轉速: 2800RPM
主機電機功率: 750W/380V
用途: 適用於表殼、表帶的粗幼磨加工。
特點: 草輪及尼龍輪兩種均可使用安裝、操作簡便。
外觀尺寸: 530x390x750mm

Machine Function

Spindle speed: 2,800 rpm
Host motor power: 750 w / 380v
Usage: suitable for rough grinding of watchcase and watch strap.
Characteristics: grass wheel and nylon wheel, both can use the installation, easy to operate.
Appearance size: 530 x 390 x 750 mm

HD-A040

精密重型平面磨光機
Precision heavy plane grinder

機器功能

主機電機功率: 750W/380V
主軸轉速: 2800RPM
用途: 磨表殼、表帶及五金飾品。
特點: 穩定性好, 精密度高。
外觀尺寸: 500x520x1300mm

Machine Function

Host motor power: 750 w / 380v
Spindle speed: 2,800 rpm
Purpose: wear case, band and metal accessories.
Characteristics: good stability, high precision.
Appearance size: 500 x 520 x 1300 mm



HD-A 水砂機、噴砂機 HD water sand machine, sand blasting machine

HD-A041

精密重型大磨盤
Precision heavy large millstone

機器功能

電機總功率: 2.2KW
拋光輪轉速: 左輪2840RPM、中輪2200RPM、
右輪2200RPM
加工生產力: 700-1250件/小時
夾頭自轉速度: 1100-2100RPM
夾頭公轉速度: 1-5RPM
拋光輪最大直徑: 300mm
外形尺寸: 1540x1120x1800mm

Machine Function

Total motor power: 8.1 kw
Buffing wheel speed: revolver 2 200 rpm,
medium wheel 2200 rpm, Right wheel 2,200 rpm
Processing productivity: 700 – 1250 pieces / hours
Rotation speed of chuck: 1100 – 2100 rpm
Revolution speed of chuck: 1 – 5 rpm
Maximum diameter of buffing wheel: 300mm
Figure size: 1540 x 1120 x 1800 mm

HD-A042

精密重型水砂機
Precision heavy water sand machine

機器功能

主電機功率: 7.5KW/380V
主軸轉速: 980RPM
用途: 適用於表帶、首飾、五金件磨砂加工
特點: 轉速可以從0至1400無級變速。可根據自身產品要求選擇速度, 更大程度保證想要的磨光效果和質量。
外觀尺寸: 1600x850x1350mm

Machine Function

Main motor power: 7.5 kw / 380v
Spindle speed: 980 rpm
Purpose: applicable to watch strap, jewelry, hardware grinding
Characteristics: speed can be from 0 to 1400 infinitely variable speed. Ke root according to their products, the choice of speed, to a greater degree of assurance the polished effect and quality of a de.
Appearance size: 1600 x 850 x 1350 mm



HD-A 圓砂機、弧砂機系列 HD round sand machine, arc sand machine series

HD-A043

精密重型自動水砂機
Precision heavy automatic water sand machine

機器功能

主機電機功率: 7.5KW/380V
主軸轉速: 980RPM
用途: 適用於表帶、首飾、五金件磨砂加工
特點: 在拉砂的同時通過冷卻液不斷地對工作進行冷卻、潤滑, 不但使工件在加工時不受燒傷, 而且拉出來的直砂條級更光滑、細膩、清晰, 一人同時操作2-3臺, 1臺機器產量等于手動3台產量。
外觀尺寸: 1641x1103x1361mm

Machine Function

Mainframe motor power: 7.5 kw / 380v
Spindle speed: 980 rpm
Purpose: applicable to watch strap, jewelry, hardware grinding
Features: cooling the work through the coolant at the same time as the sand lubrication, not only the workpiece in the processing without burns, and pull out the straight sand level is smoother, delicate and clear, and one person operates 2 – 3, the output of 1 machine is equal to manual 3 output.
Appearance size: 1641 x 1103 x 1,361 mm



HD-A044

噴砂機
Sand blasting machine

機器功能

主機電機功率: 370W/280V
機器照明燈: 220V13W節能燈
特點: 加工效能好, 能源消耗低, 自動回砂, 旋風分離器能將砂塵分離, 降低磨料消耗。
用途: 適合所有金屬制品、玻璃、塑膠、工藝品、首飾、眼睛、鐘表的表面處理。

Machine Function

Host motor power: 370 w / 380v
Machine lighting: 220 fluorescent lamp
Features: good processing efficiency, low energy consumption, automatic sand return, the cyclone separator can separate sand and dust and reduce the abrasive consumption.
Purpose: suitable for all metal products, glass, plastic, process surface treatment of goods, jewelry, eyes, and watches.



HD-A 弧砂機、橫砂機 HD arc sand machine, horizontal sand machine



HD-A045

圓砂機
Circular grinding machine

機器功能

主電機功率: 1.5KW/380V
主軸轉速: 2800RPM
用途: 專科加工底蓋圓砂, 五金件圓砂
外觀尺寸: 1060x430x1400mm

Machine Function

Main motor power: 1.5 / 380v
Spindle speed: 2,800 rpm
Purpose: specializing in the processing of round sand, hardware round sand
Appearance size: 1060 x 430 x 1400 mm

HD-A046-A

精密重型 R 弧砂機 (A 型)
Precision heavy duty R arc machine (A type)

機器功能

主電機功率: 750W/380V
主軸轉速: 1400/2800RPM
用途: 專科加工大細位置磨砂
特點: 本機採取變頂針設計便于互換各種不同大小 R 軸使用方便、外觀美
外觀尺寸: 600x600x930mm

Machine Function

Main motor power: 750 w / 380v
Spindle speed: 1,400 / 2,800 rpm
Purpose: specialist processing, large size, grinding scrub
Characteristics: this machine adopts the variable thimble design to facilitate the exchange of different sizes the r axis is easy to use and the appearance is beautiful
Appearance size: 600 x 600 x 930 mm



HD-A 橫砂機、砂帶機系列 HD horizontal sand machine, sand belt machine series



HD-A046-B

精密重型 R 弧砂機 (B 型)
Precision heavy duty R arc machine (B type)

機器功能

主電機功率: 750W/380V
主軸轉速: 1400/2800RPM
用途: 專科加工大細位置磨砂
特點: 本機採取變頂針設計便于互換各種不同大小 R 軸使用方便
外觀尺寸: 500x550x930mm

Machine Function

Main motor power: 750 w / 380v
Spindle speed: 1,400 / 2,800 rpm
Purpose: specialist processing, large size, grinding scrub
Characteristics: this machine adopts the variable thimble design to facilitate the exchange of different types convenient use of the same size r axis
Appearance size: 500 x 550 x 930 mm

HD-A047-A

多功能橫砂機 (A 型)
Multifunctional horizontal sand machine (A type)

機器功能

主電機功率: 750W/380V
主軸轉速: 1400RPM/2800RPM
用途: 使用于表殼表帶磨橫紋及斜紋, 可加工多個 R 位之用。
特點: 操作簡單, 精密度高
外觀尺寸: 800x600x1300mm

Machine Function

Main motor power: 750 w / 380v
Spindle speed: 1,400 rpm/2800rpm
Usage: used in watchcase, watch cttrap, twill and twill, more machinable the use of a r bit.
Features: simple operation, high precision
Appearance size: 800 x 600 x 1300 mm



HD-A 弧砂機、橫砂機 HD arc sand machine, horizontal sand machine



HD-A047-B

多功能橫砂機 (B型)
Multifunctional horizontal sand machine (B type)

機器功能

主機電機功率: 750W/380v
主軸轉速: 1400RPM/2800 RPM
特點: 配有各種不同大小R軸,可加工多種R位之用
用途: 適用於表殼、表帶、磨橫紋及斜紋
外觀尺寸: 460x480x800mm

Machine Function

Host motor power: 750 w / 380v
Spindle speed: 1400 rpm/2800 rpm
Characteristics: with a variety of different size r-axis, processed a variety of r-bit.
Usage: suitable for case, strap, grinding cross striations and twill.
Appearance size: 460 x 480 x 800 mm

HD-A047-B1

多功能橫砂機 (B1型)
Multifunctional horizontal sand machine (B1 type)

機器功能

主機電機功率: 750W/380v
主軸轉速: 1400RPM/2800 RPM
特點: 配有各種不同大小R軸,可加工多種R位之用
用途: 適用於表殼、表帶、磨橫紋及斜紋
外觀尺寸: 460x480x800mm

Machine Function

Host motor power: 750 w / 380v
Spindle speed: 1400 rpm/2800 rpm
Characteristics: with a variety of different size r-axis, processed a variety of r-bit.
Usage: suitable for case, strap, grinding cross striations and twill.
Appearance size: 460 x 480 x 800 mm



HD-A 弧砂機、橫砂機 HD arc sand machine, horizontal sand machine

HD-A048-A

立式R砂帶機 (A型)
Vertical R belt machine (A type)

機器功能

主機電機功率: 750W/380v
主軸轉速: 1400RPM/2800RPM
特點: R位大小任意互換R軸,配有專用夾具操作更方便。
用途: 磨表殼、表底、R位。
外觀尺寸: 600x800x1300mm

Machine Function

Host motor power: 750 w / 380v
Spindle speed: 1400 rpm/2800 rpm
Features: r-bit size, arbitrary interchangeable r axis, with special clipit is more convenient to operate.
Purpose: grinding case, table bottom, r bit.
Appearance size: 600 x 1,300



HD-A048-B

立式R砂帶機 (B型)
Vertical R belt machine (B type)

機器功能

主機電機功率: 750W/380v
主軸轉速: 1400RPM/2800 RPM
用途: 磨表殼、表底、R位。
特點: R位大小任意互換R軸, 操作方便。
外觀尺寸: 460x480x800mm

Machine Function

Host motor power: 750 w / 380v
Spindle speed: 1400 rpm/2800 rpm
Purpose: grinding case, table bottom, r bit
Features: r-bit size is arbitrary interchangeable r axis, easy to operate. .
Appearance size: 460 x 480 x 800 mm



HD-A 鑽床系列 HD drilling machine series

HD-A049

西湖鑽床 (406型表殼專用)

West Lake drilling (406case for)

機器功能

主機電機功率: 250 W/380V/220V
主軸最大行程: 60/65mm,
主軸錐度: B10
主軸轉速範圍: 1400-5600rpm.
最大鑽孔直徑: 6.0mm
底座尺寸: 200mm × 200mm
總高: 556/606mm

Machine Function

Host motor power: 250 w / 380v / 220v
Maximum journey of spindle: 60 / 65 mm,
Spindle taper: b10
Spindle speed range: 1400 – 5600 rpm.
Maximum borehole diameter: 6.0 mm
Base size: 200mm × 200mm
Total: 556 / 606 mm



HD-A050

西湖牌臺式鑽床 (表帶專用)

West Lake bench drill (strap special)

機器功能

主機電機功率: 250 W/380V
主軸最大行程: 100mm
主軸錐度: B16
主軸轉速範圍: 480-4100rpm
最大鑽孔直徑: 12.7/16mm
底座尺寸: 250mm × 300mm
總高: 1037mm
用途: 表殼專用

Machine Function

Host motor power: 250 w / 380v
Maximum length of spindle: 100 mm
Spindle taper: B16
Spindle speed range: 480 – 4,100
Maximum drilling diameter: 12.7 / 16 mm
Base size: 250 mm × 300 mm
Total height: 1,037 mm
Purpose: special purpose case for watchcase



HD-A 鑽床、攻牙機系列 HD drilling machine, tapping machine series

HD-A051

西湖鑽床 (512-2型表殼專用)

West Lake drilling machine (512-2 type case for)

機器功能

主機電機功率: 250 W/380V
主軸最大行程: 100mm,
主軸錐度: B16
主軸轉速範圍: 480-4100rpm.
最大鑽孔直徑: 12.7/16mm
底座尺寸: 250mm × 300mm, 總高: 1037mm
用途: 表殼專用

Machine Function

Host motor power: 250 w / 380v
Main shaft maximum travel: 100 mm
spindle taper: B16
Spindle speed range: 480 – 4,100.
Maximum drilling diameter: 12.7 / 16 mm
Base size: 250 mm × 300 mm,
Total height: 1,037
Purpose: special purpose case for watchcase



HD-A052

高速臺式鑽床

High speed drilling machine

機器功能

電機功率: 750W/380V
主軸轉速: 500RPM/900RPM/1600RPM
工作臺面尺寸: 235mm × 230mm
最大攻絲直徑: M8 × 10mm

Machine Function

Motor power: 750 w / 380v
Spindle speed: 500 rpm / 900 rpm / 1600 rpm
Working table size: 235 mm × 230 mm
Maximum tapping diameter: M8 × 10mm



HD-A 鑽床、攻牙機系列 HD drilling machine, tapping machine series



HD-A053

精密自動攻牙機
Precision automatic tapping machine

機器功能

電機功率: 750W/380V
主軸轉速: 500RPM/900RPM/1600RPM
工作臺面尺寸: 235mm × 230mm
最大攻絲直徑: M8 × 10mm

Machine Function

Motor power: 750 w / 380v
Spindle speed: 500 rpm / 900 rpm / 1600 rpm
Working table size: 235 mm × 230 mm
Maximum tapping diameter: M8 × 10mm

HD-A054

半自動攻牙機 (西湖牌)
Semi automatic tapping machine (West Lake)

機器功能

主機電機功率: 370 W/380V
最大攻絲直徑(鑄件 / 鋼件): M6/M5, M12/M8
主軸中心綫至立柱表面距離: 127mm
主軸端至工作臺最大距離: 261/250mm
主軸錐度: B12 / B16
主軸轉速: 正: 480,850/260-750rpm
反: 580,1050/320-930rpm
總高: 815/825mm

Machine Function

Host motor power: 370 w / 380v
Maximum tapping diameter (casting / steel piece):
M6 / M5, M12 / M8
Spindle center line to column surface distance: 127 mm
Maximum distance of spindle end to workbench: 261 / 250 mm
Spindle taper: B12 / B16
Spindle speed: Zheng :480,850/ 260 – 750 rpm
Anti: 580, 1050 / 320 – 930 rpm
Total: 815 / 825 mm



HD-A 鑽床、攻牙機系列 HD drilling machine, tapping machine series



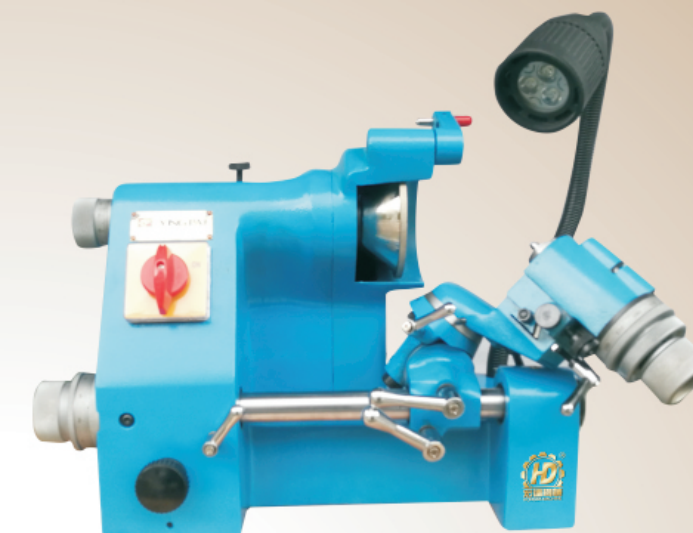
HD-A055

數控鑽床
CNC drilling machine



HD-A057-A

手啤機 (A 型)
Hand beer machine (A type)



HD-A056

萬能磨刀機 (臺灣 U 2 牌、昆明牌)
Universal cutter grinder (Taiwan U2brand,
Kunming licensing)



HD-A058-B

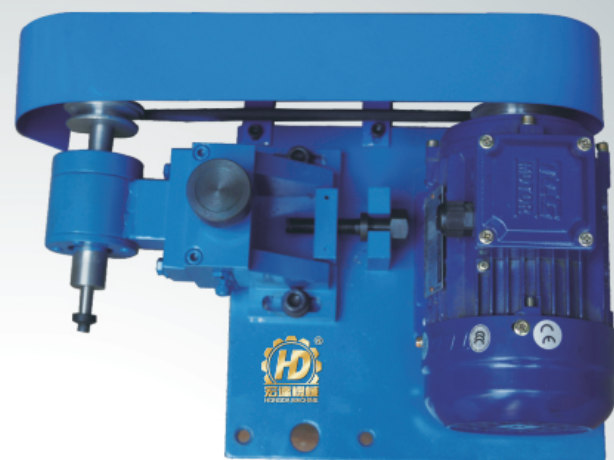
手啤機 (B 型)
Hand beer machine (B type)

HD-A 打砂機頭、研磨機、砂輪機、小車床 HD sand machine head, grinding machine, grinder, small lathe



HD-A058-C

手啤機 (C型)
Hand beer machine (C type)



HD-A059

打砂機頭
The sanding head



HD-A060

氣壓研磨機
Pneumatic grinding machine



HD-A061

臺式砂輪機 (上海三菱牌)
Bench grinding wheel machine
(Shanghai Mitsubishi brand)

HD-A 拋光機系列 HD polishing machine series



HD-A063

拋光機 (雙速江門紅菱)
Polishing machine (double speed
Jiangmen Hongling)



HD-A064

拋光機 (單速江門紅菱)
Polishing machine (single speed Jiangmen Hongling)



HD-A065

拋光機 (雙速江門牌)
Polishing machine (double speed Jiangmen licensing)



HD-A066

拋光機 (單速江門牌)
Polishing machine (single speed Jiangmen licensing)



HD-A067

防爆拋光機
Explosion-proof polishing machine



HD-A068

防爆拋光機 (加裝底座)
Explosion-proof polishing machine (Install the base)

HD-B 四環索、霸孔座、霸孔機、夾具系列 HD-B four ring cable, hole seat, hole machine, fixture series

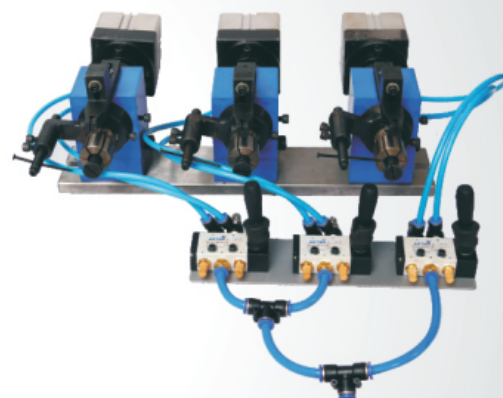


HD-B001

四環索
Ring cable

HD-B002

鋼霸孔座
Steel blaster hole seat

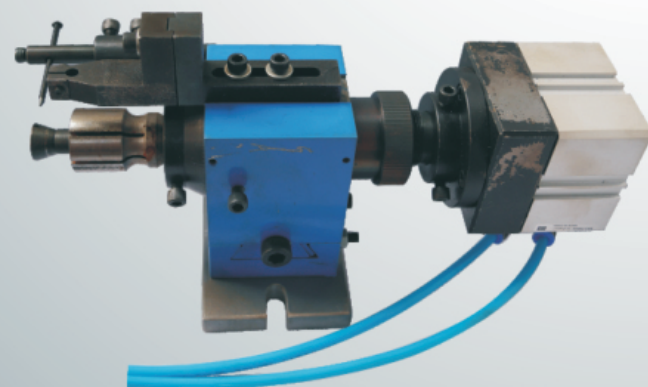


HD-B004

三頭氣動鋼霸孔座
Three head pneumatic steel Ba hole seat

HD-B003

霸孔機
Blaster hole seat

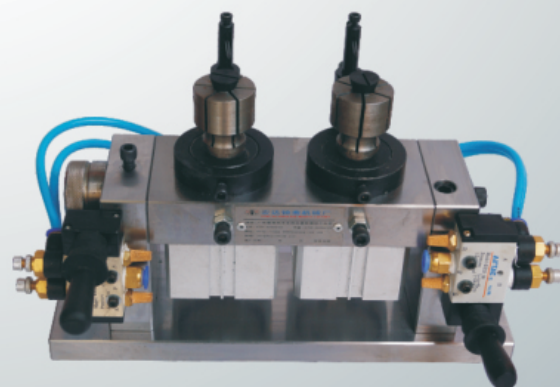


HD-B005

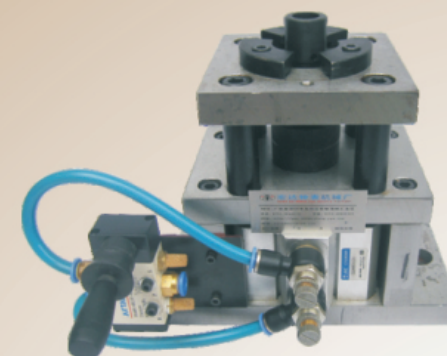
氣動鋼霸孔座.
Pneumatic steel Ba hole seat.

HD-B006

雙頭氣動 C N C 夾具
Double CNC pneumatic fixture

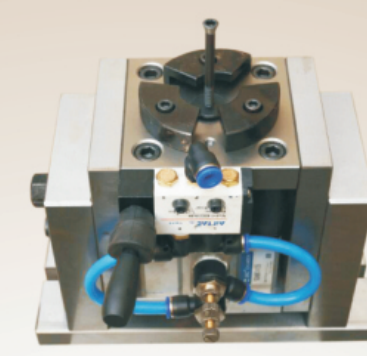


HD-B 夾具系列 HD-B fixture series



HD-B007

氣動單頭 C N C 夾具 (A 型)
Pneumatic single head CNC fixture (A type)



HD-B007

(HD-B007新款)



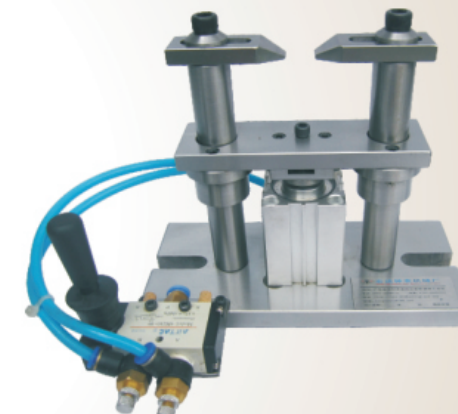
HD-B008

氣動單頭 C N C 夾具 (B 型)
Pneumatic single head CNC fixture (B type)



HD-B009

手動單頭 C N C 夾具
Manual single head CNC fixture



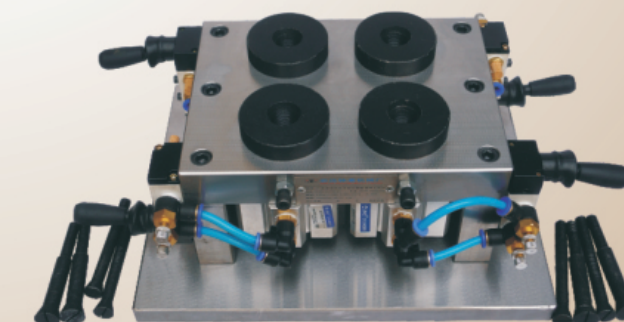
HD-B010

氣動米坑夾具
Pneumatic meter pit fixture



HD-B011

手動四頭 C N C 夾具
Manual four head CNC fixture



HD-B012

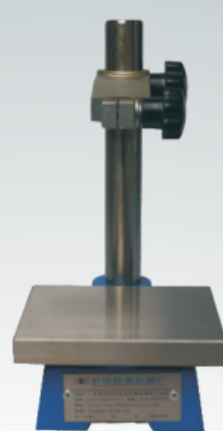
四缸氣動 C N C 夾具
Four cylinder CNC pneumatic fixture

HD-B 表座、測量座、測量儀器 Hd-b table seat, measuring seat, measuring instrument



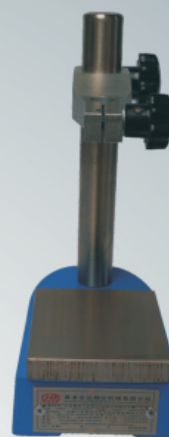
HD-B013

多功能不銹鋼絲表座
Multifunctional stainless steel wire table



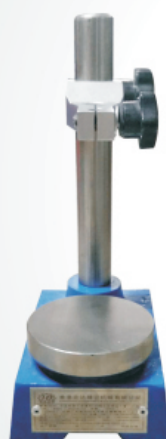
HD-B014 (大方)

不銹鋼絲表座 (大方型)
Stainless steel wire table (and type)



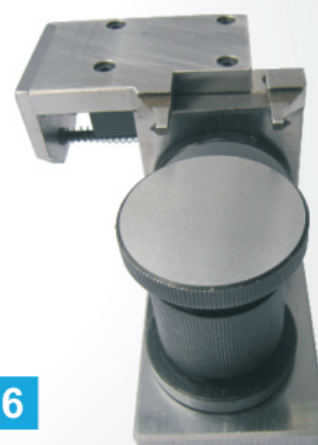
HD-B014 (方)

不銹鋼絲表座 (方型)
Stainless steel wire table (square)



HD-B015

不銹鋼絲表座 (圓型)
Stainless steel wire gauge seat (square)



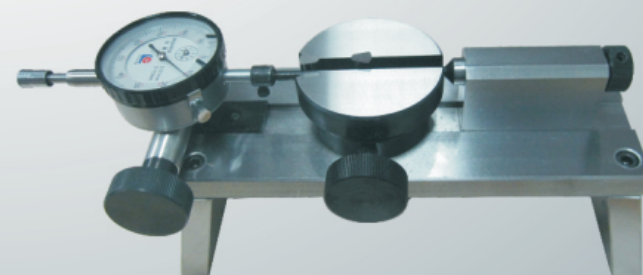
HD-B016

精密耳孔測量座
Precision hole measuring seat



HD-B017

精密測量 (內徑) 儀器
Precision measuring diameter instrument



HD-B018

內徑 (內坑) 測量表座
Diameter (hang) measurement table

HD-B 鑽孔座、測量座、巴管機、合仔模、雕刻機底座
HD-B drilling seat, measuring seat, ba pipe machine, clamping mold, engraving machine base



HD-B019

萬能鑽孔座
Universal drilling base



HD-B020

外徑測量座
Outside diameter measuring seat



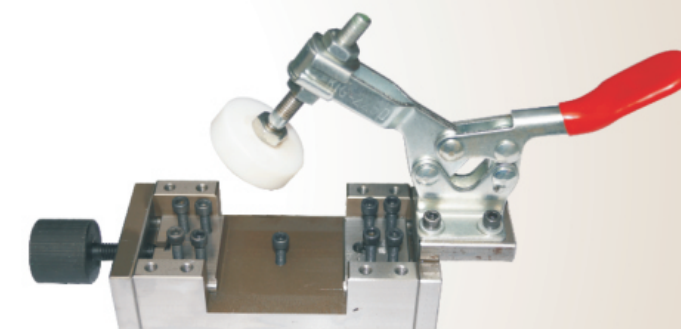
A 型



B 型

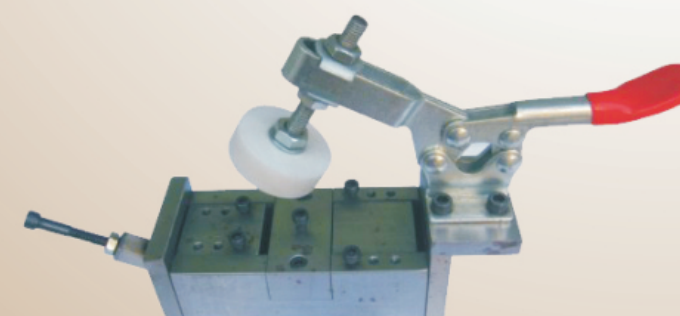
HD-B021

巴管機
Palestinian pipe machine



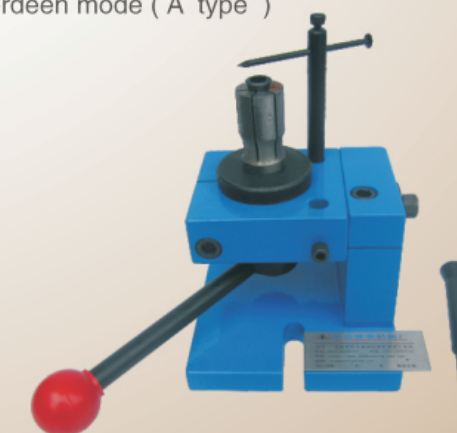
HD-B022

合仔模 (A 型)
With Aberdeen mode (A type)



HD-B023

合仔模 (B 型)
With Aberdeen mode (B type)



HD-B024

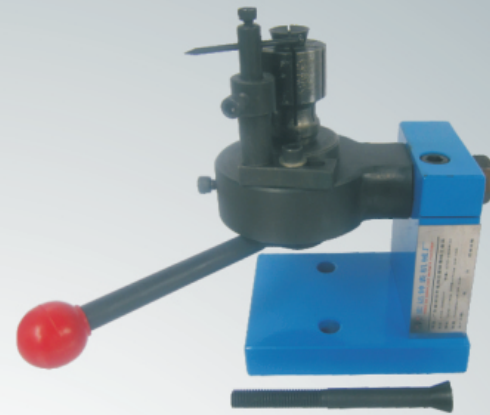
雕刻機底座
Engraving machine base

HD-B 夾具、攻牙機系列 Hd-b fixture, tapping machine series



HD-B025

鋼殼鑼仔夾具
Steel gongs Aberdeen fixture



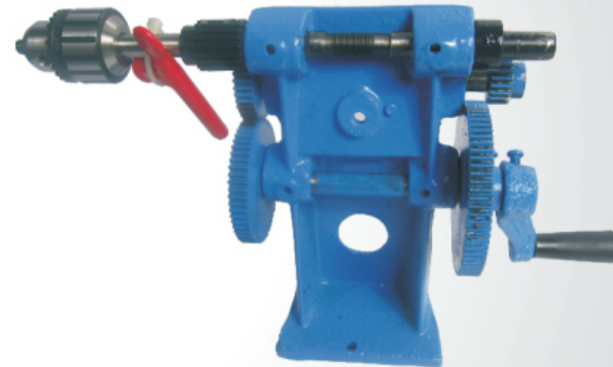
HD-B026

鑼仔夾具
Gong's fixture



HD-B027

手動攻牙機 (A 型)
Manual tapping machine (A type)



HD-B028

手動攻牙機 (B 型)
Manual tapping machine (B type)



HD-B029

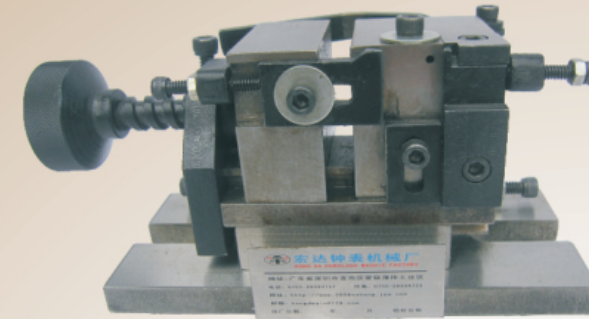
鑽床輔助夾具 (A 型)
Drill jig (A type)



HD-B030

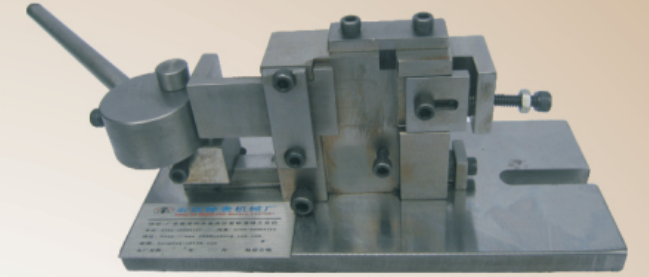
鑽床輔助夾具 (B 型)
Drill jig (B type)

HD-B 夾具、開底、鎖底機、磨光修正器 Hd-b fixture, bottom opening, bottom locking machine, polishing modifier



HD-B031

鑽鋼帶夾具 (A 型)
Drill steel fixture (A type)



HD-B032

鑽鋼帶夾具 (B 型)
Drill steel fixture (B type)



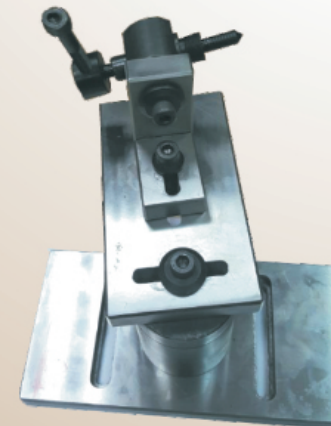
HD-B033

草轆機專用夾具
Grass reel machine fixture



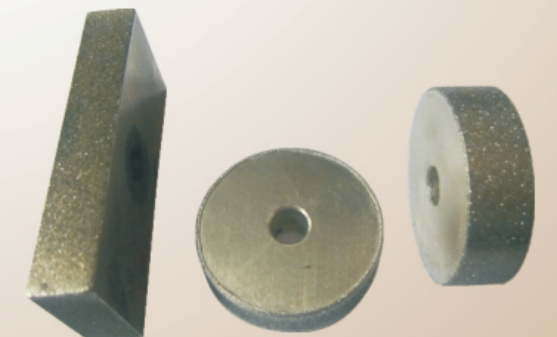
HD-B034

開底 鎖底機 (瑞士產)
The bottom of the opening end of the lock machine (Swiss)



HD-B035

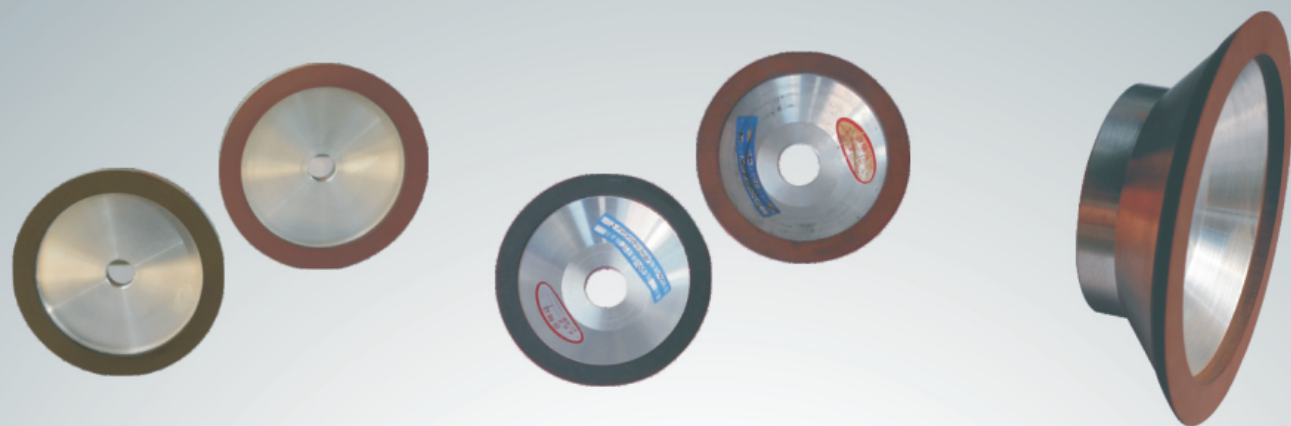
外觀打砂夾具
Appearance sand fixture



HD-B036

磨光修正器
Polish corrector

HD-B 光碟、砂輪; HD-C 高射炮系列
Hd-b optical disc, grinding wheel; HD-C anti-aircraft gun series



HD-B037

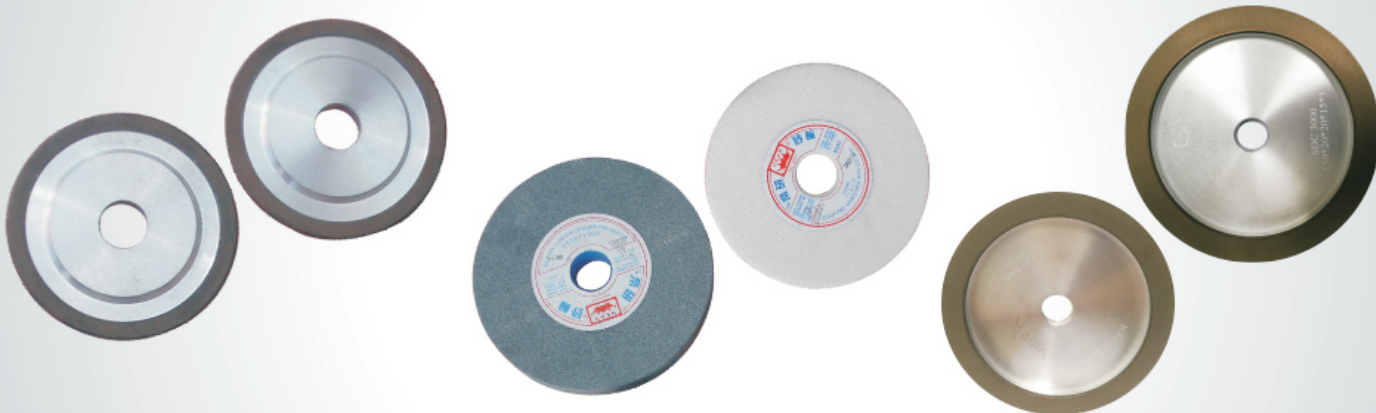
鑽石光碟
Diamond discs

HD-B038

碗型光碟
Bowl type CD

HD-B039

碗型三角光碟
Bowl type triangular discs



HD-B040

R 型光碟
R type CD

HD-B041

砂輪
Grinding wheel

HD-B042

進口鑽石光碟
Imported Diamond CD



HD-C001

扇形高射炮 (香港式)
Fan guns (Hongkong)



HD-C002

扇形高射炮
Fan guns

HD-C 搖擺炮、高射炮、磨房炮仔、挺仔機
HD-C swing gun, anti-aircraft gun, mill gun, tandy machine



HD-C003

搖擺炮 (香港式)
Swing shot (Hongkong)



HD-C004

搖擺炮
Rocking cannon



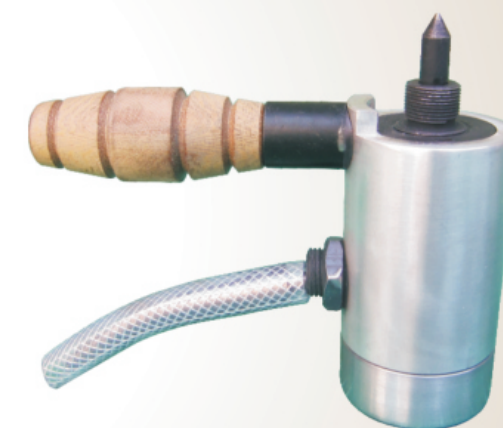
HD-C005

高射炮 (香港式)
Flak (Hongkong)



HD-C006

精密分度高射炮
Precision indexing flak



HD-C007

A 級磨房炮仔 (15 牙、16 牙)
A mill artillery Aberdeen (15teeth, 16teeth)



HD-C008

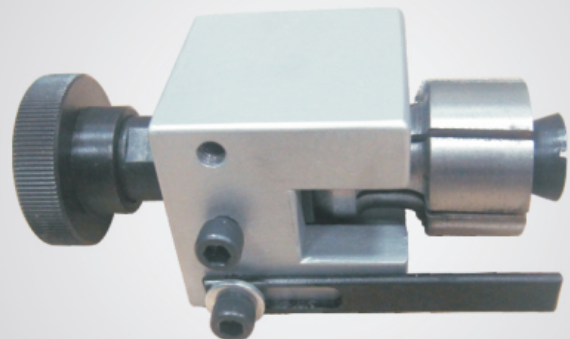
B 級磨房炮仔 (15 牙、16 牙)
B mill artillery Aberdeen (15teeth, 16teeth)



HD-C009

挺仔機
A young machine

HD-C 打砂夾具、清洗架、洗殼架、清洗籠 Hd-c sand fixture, cleaning frame, shell washing frame, cleaning cage



HD-C010

打砂夾具
Play sand fixture



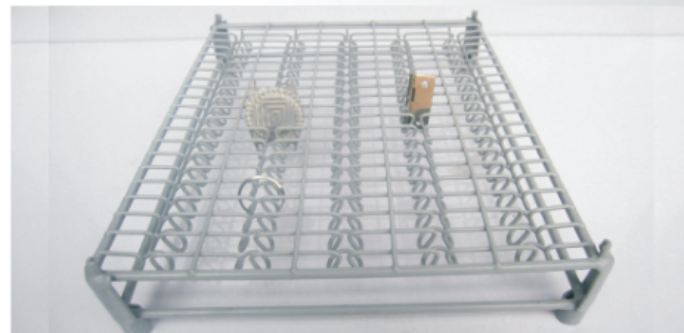
HD-C011

表殼清洗架
Watchcase cleaning frame



HD-C012

表殼洗殼架(根據超聲波尺寸設計大小)
Case washing frame (according to ultrasonic dimension design size)



HD-C013

底蓋、手機、五金件清洗架(根據超聲波尺寸及表殼大小設計掛數量，適合單帶清洗)
Bottom cover, mobile phone, hardware cleaning frame (according to ultrasonic dimension and case size design hanging quantity, Suitable for single belt cleaning)



HD-C014

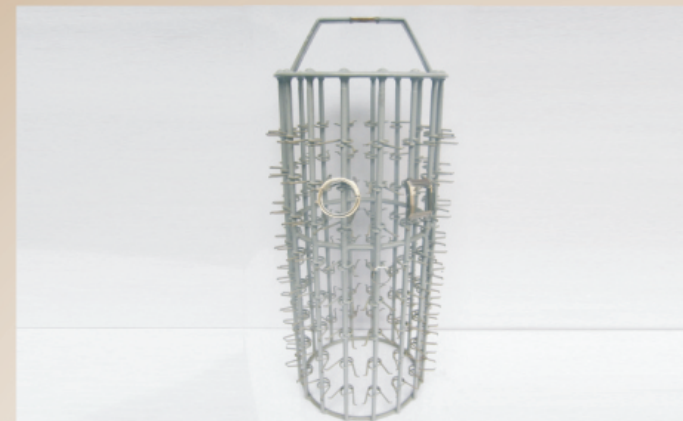
表帶清洗籠(根據超聲波尺寸及表帶長短設計掛數量，適合單帶清洗)
Watch cage cleaning (according to size and strap length design of ultrasonic hanging quantity, suitable for single belt cleaning)



HD-C015

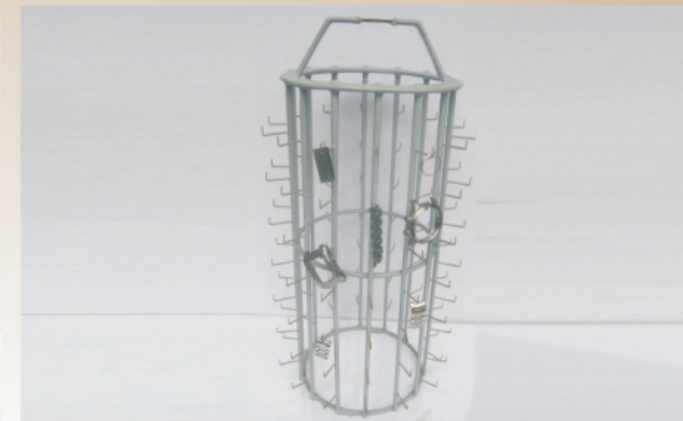
表殼清洗籠(根據超聲波尺寸及表殼大小設計掛數量，適合單帶清洗)
Watch cage cleaning(according to ultrasonic dimension and case size design hanging quantity, suitable for single belt cleaning)

HD-C 表殼清洗籠、電鍍架、表帶挂架、表蓋扣挂架、洗架 HD-C case cleaning cage, electroplating frame, watchband hanger, table cover buckle hanger, washing frame



HD-C016

表殼清洗籠(根據超聲波尺寸及表殼大小設計掛數量，適合單帶清洗)
Watch cage cleaning(according to ultrasonic dimension and case size design hanging quantity, suitable for single belt cleaning)



HD-C017

表殼 表帶 首飾 清洗籠(根據超聲波尺寸及表殼大小設計掛數量，適合單帶清洗)
Case strap jewelry cleaning cages(according to ultrasonic dimension and case size design hanging quantity, suitable for single belt cleaning)



HD-C018

表殼電鍍專用架
Watchcase special rack plating



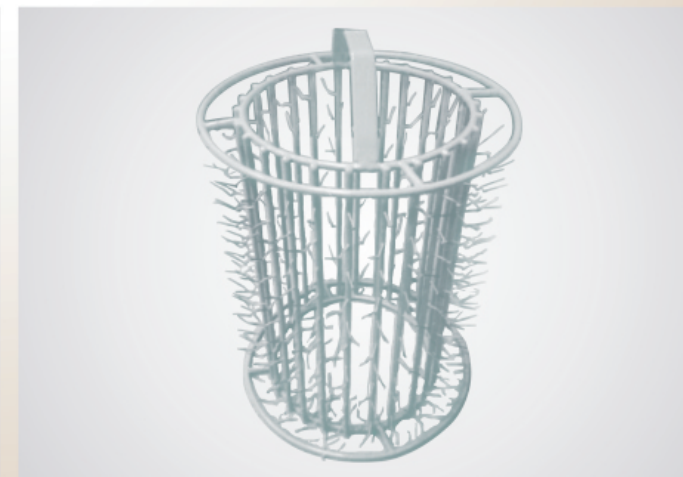
HD-C019

表帶專用挂架
Special rack



HD-C020

表蓋扣挂架
Table cover buckle up



HD-C021

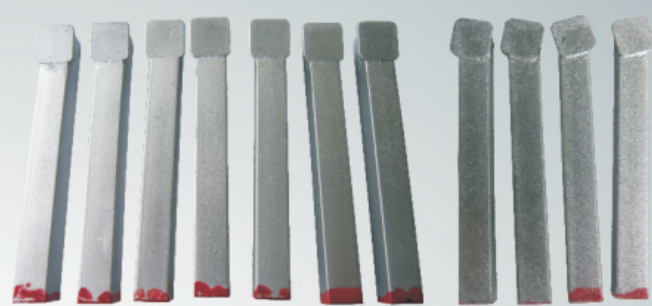
表蓋洗架
Table cover wash rack

HD-D 切削刀具、陶瓷刀具、批花刀具、鑽石刀具、鎢鋼鐸刀
HD-D cutting tools, ceramic cutting tools, batch cutting tools, diamond cutting tools, tungsten steel gong knives



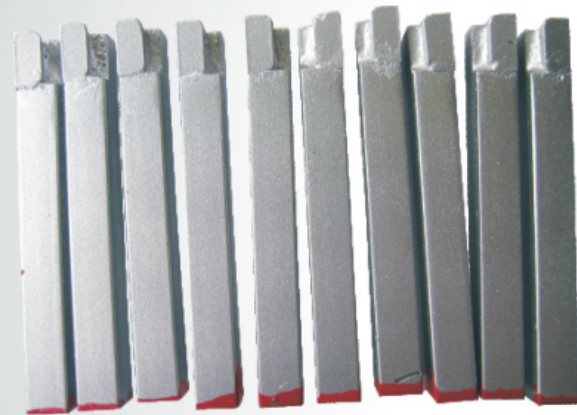
HD-D001

表業切削刀具 (車刀)
Table cutting tool (tool)



HD-D002

超硬陶瓷刀具平面、耳底、耳面 (車刀)
Super hard ceramic tool plane (tool)



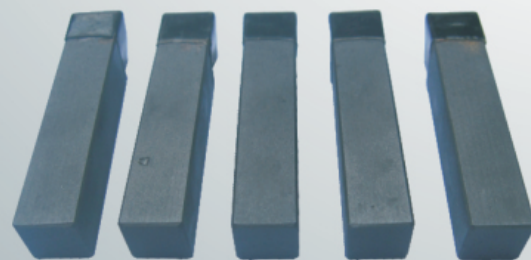
HD-D003

超硬陶瓷刀具K4L/R (車刀)
Super hard ceramic tool K4L/R (tool)



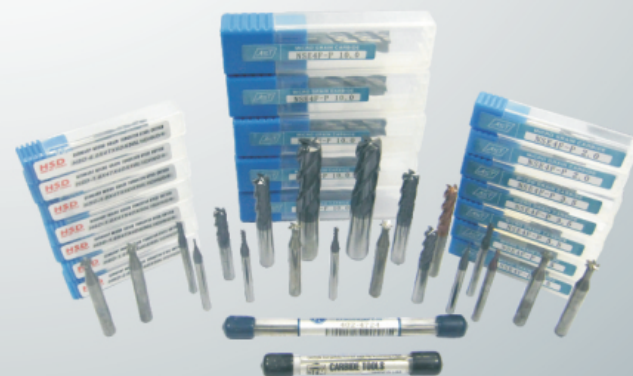
HD-D004

批花刀具 (車刀)
Batch flower tool (tool)



HD-D005

鑽石刀具 (進口、國產)
Diamond cutting tools (import, domestic)



HD-D006

進口鎢鋼鐸刀 (銑刀)
Import tungsten steel gongs knife (cutter)

HD-D 荔枝鑽咀、YG鑽咀、鎢鋼圓棒、白鋼刀、銑刀、數控車刀
HD-D litchi drill, YG drill, tungsten steel round bar, white steel cutter, milling cutter, CNC turning tool



HD-D007

荔枝鑽咀 (進口)
Litchi drills (import)



HD-D008

進口 Y G 鑽咀
import YG drill



HD-D009

鎢鋼圓棒
tungsten steel rod



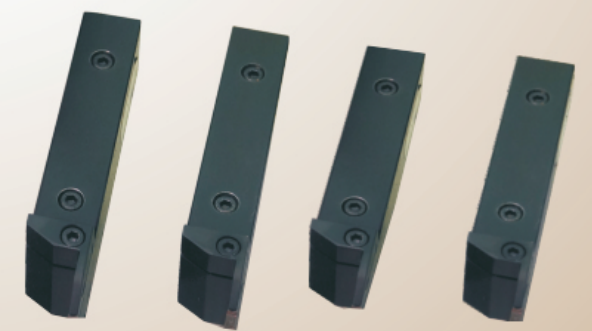
HD-D010

進口白鋼刀
Import white steel knife



HD-D011

國產銑刀 (鐸刀)
Domestic mill (gongs knife)



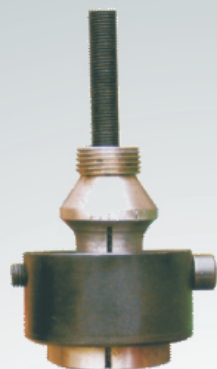
HD-D012

數控車刀
CNC turning tool

HD-D 鎖頭系列、樣咀系列 Hd-d lock series, sample nozzle series



HD-D013 拉索頭
Cable head



HD-D014 拉索頭外套
Cable head jacket



HD-D015 精索頭
Spermatic cord head



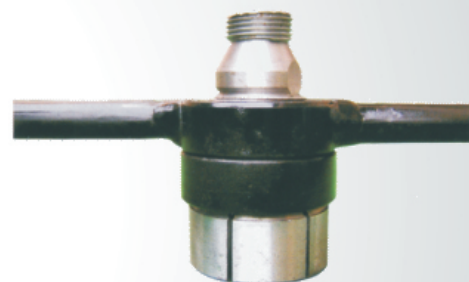
HD-D016 車床仔索頭
Lathe Aberdeen cable head



HD-D017 車床仔索頭外套拉芯
Lathe Aberdeen cable head outer pull core



HD-D018 拍索頭
Cable head shot



HD-D019 拍索頭外套手柄
Taking cable head outer handle



HD-D020 大樣咀
Big mouth



HD-D021 無牙 C N C 樣咀
Edentulous CNC like Tsui



HD-D022 三角形拉索頭
Triangle cable head

HD-D 索頭、樣咀、索咀、坑針、尖針、平針、卡尺、測量表、拉芯 HD-D cable head, sample tip, cable tip, pit needle, sharp needle, flat needle, caliper, measuring gauge, pull core



HD-D023 C N C 索頭
CNC cable head



HD-D024 油機索頭
Oil machine cable head



HD-D025 車床樣咀
Lathe type nozzle



HD-D026 大磨盤索咀、磨房索咀、磨房樣咀 (15牙、16牙)
Large millstone mill cable, cableTsui Tsui, mill type nozzle (15 teeth, 16 teeth)



HD-D027 不銹鋼坑針
Stainless steel needle hole



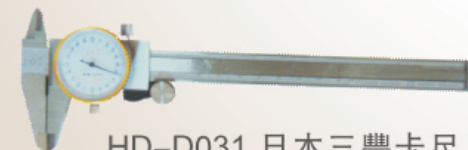
HD-D028 不銹鋼尖針
Stainless steel needle



HD-D029 不銹鋼平針
Stainless steel flat



HD-D030 日本三豐卡尺
Japan's Mitutoyo caliper



HD-D031 日本三豐卡尺
Caliper caliper, domestic work



0-10mm 0-20mm
0-30mm 0-50mm
HD-D032 日本三豐表
Japan Mitutoyo



HD-D033 手提測量表
Portable meter



HD-D034 精索頭拉芯
Spermatic head with core

HD-D038 耳吼機索頭
Ears roar machine cable head

HD-D037 拔咀
Tsui

HD-D036 自動機拉芯
Pull the core automaton

HD-D035 車床仔拉芯
Carefully pull core lathe



HD-D039 自動內機拉芯、鑽床拉芯
Automatic machine, drilling core pulling core pulling

HD-E 自動車床車刀、全鎢鋼鋸片 Hd-e automatic lathe turning tool, all tungsten steel saw blade

E系列刀具 E series of tools



自動車床車刀 Automatic lathe tools



全鎢鋼鋸片 The tungsten Gangju tablets

HD-E 非標刀具 HD-E non-standard cutting tools

非標刀具
Non standard cutting tools



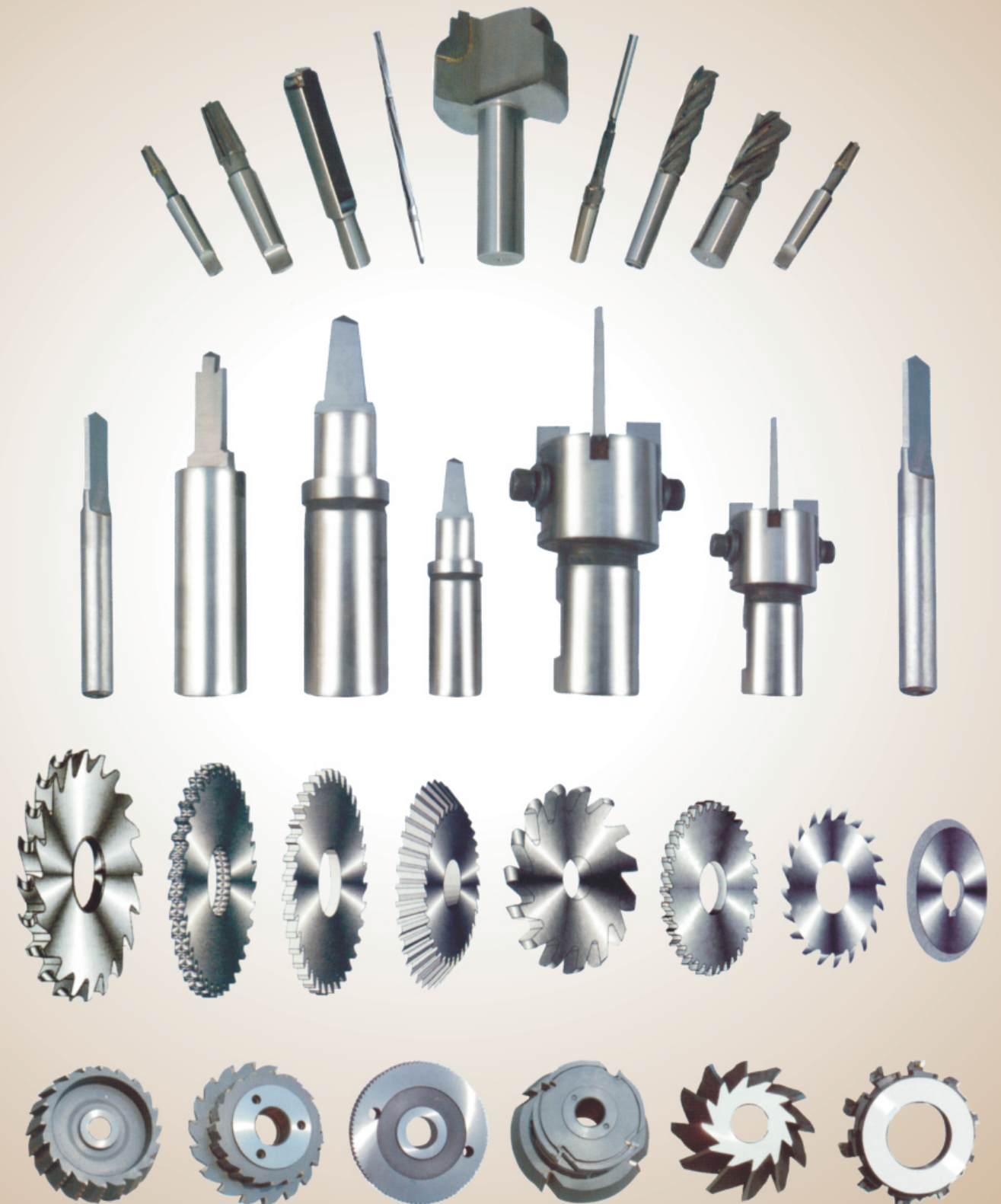
HD-E 非標刀具 HD-E non-standard cutting tools

非標刀具
Non standard cutting tools



HD-E 非標刀具 HD-E non-standard cutting tools

非標刀具
Non standard cutting tools



HD-E 整體硬質合金鋸片銑刀 Solid Carbide Circular Saw Blades

整體硬質合金鋸片銑刀 Solid Carbide Circular Saw Blades



■用途：銅、鋁、鋼、鑄鐵、不銹鋼

外徑(D)	厚度(H)	內徑(d)	齒數(T)
8	0.15-4.0	3.4	4-20
10	0.15-4.0	4.5	6-24
12	0.15-4.0	4.5 6	6-30
16	0.15-4.0	5.6 8	6-40
20	0.15-4.0	5.6 8	6-45
22	0.2-5.0	5.6 8	8-50
25	0.2-5.0	6.8 10	10-56
30	0.2-5.0	6.8 10	10-60
32	0.2-6.0	6.8 10 12.7	10-60
35	0.2-6.0	8.1 10 12.7	10-60
40	0.2-6.0	8.1 10 12.7	10-80
45	0.2-8.0	10.1 12.7 16	10-80
50	0.2-8.0	10.1 12.7 16	10-100
55	0.2-8.0	12.7 16	24-120
60	0.2-8.0	12.7 13 16	24-120
63	0.2-8.0	12.7 13 16	24-120
70	0.3-8.0	16.2 22 25.4	28-120

外徑(D)	厚度(H)	內徑(d)	齒數(T)
75	0.5-8.0	16.2 22 25.4	30-120
80	0.5-8.0	22 25.4	30-128
85	0.5-8.0	22 25.4	30-128
90	0.5-8.0	22 25.4	30-160
95	0.5-8.0	22 25.4	30-160
100	0.5-8.0	22 25.4 27	30-160
105	0.5-8.0	22 25.4 27	30-160
110	0.8-8.0	22 25.4 27 32	30-180
115	0.8-8.0	22 25.4 27 32	30-180
120	1.0-10	22 25.4 27 32	30-240
125	1.0-10	22 25.4 27	30-240
130	1.0-10	22 25.4 27 32	32-240
150	1.0-10	22 25.4 27 32	40-240
160	1.0-10	22 25.4 27 32	40-240
180	1.5-12	25.4 27 32 40	60-280
200	1.5-12	25.4 27 32 40	60-280

整體硬質合金鋸片銑刀 Solid Carbide Circular Saw Blades

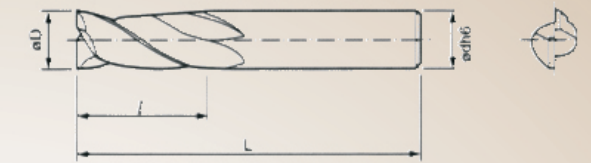


外徑(D)	厚度(H)	內徑(d)	齒數(T)
32	0.5-4	6.8 10 12.7 13	10-30
40	0.5-4	8.1 10 12.7 13	10-40
45	0.5-5	8.1 10 12.7 13	10-46
50	0.5-5	8.1 10 12.7 13 16	10-50
55	0.5-5	10.1 12.7 13 16	10-56
60	0.5-6	12.7 13 16	10-60
63	0.5-6	12.7 13 16	20-60
70	0.5-8	16.2 22 25.4	20-70
75	0.5-8	16.2 22 25.4	20-72
80	0.8-8	22 25.4 27	24-80
85	0.8-8	22 25.4 27	30-86
90	0.8-8	22 25.4 27	30-90

外徑(D)	厚度(H)	內徑(d)	齒數(T)
95	0.8-8	22 25.4 27	30-90
100	0.8-10	22 25.4 27	30-90
105	0.8-10	22 25.4 27	30-90
110	0.8-10	22 25.4 27 32	36-100
115	1.0-10	22 25.4 27 32	36-100
120	1.0-10	22 25.4 27 32	36-100
130	1.0-10	22 25.4 27 32	40-108
150	1.0-10	22 25.4 27 32	40-108
160	1.0-12	22 25.4 27 32	40-120
180	1.5-12	25.4 27 32 40	48-120
200	1.5-12	25.4 27 32 40	48-140

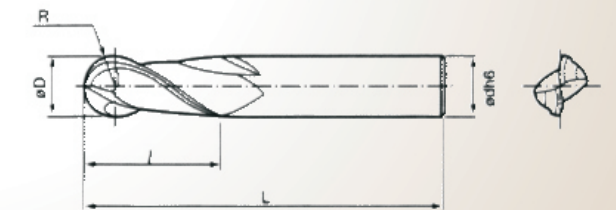
HD-E 整體硬質合金立銑刀、合金球頭銑刀 HD-E Solid Carbide End Mills Solid Carbide Ball End Mills

整體硬質合金立銑刀 Solid Carbide End Mills



齒數(Z)	刃徑(D)	柄徑(d)	刃長(D)	總長(L)
2-3	1.0	3	3	38
2-3	1.5	3	4	38
2-3	2.0	3	6	38
2-3	2.5	3	8	38
2-4	3.0	3	10	38
2-4	4.0	4	11	50
2-4	5.0	5	13	50
2-4	6.0	6	16	50
2-4	8.0	8	19	60
2-4	10.0	10	22	75
2-4	12.0	12	26	75
2-4	14.0	14	30	90
2-4	16.0	16	32	100
2-4	18.0	18	38	100
2-4	20.0	20	38	100

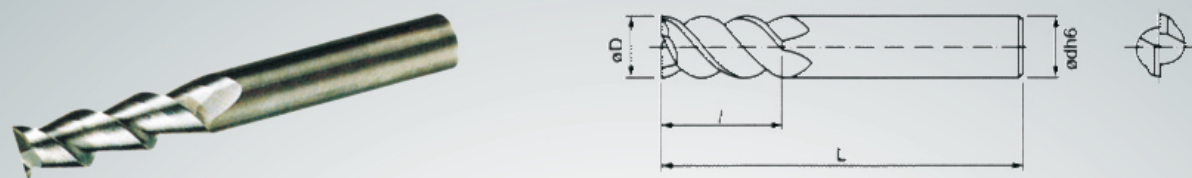
整體硬質合金球頭銑刀 Solid Carbide Ball End Mills



齒數(Z)	刃徑(D)	柄徑(d)	刃長(D)	總長(L)
2	1.0	3	2	38
2	1.5	3	3	38
2	2.0	3	4	38
2	2.5	3	5	38
2-4	3.0	3	6	38
2-4	4.0	4	8	50
2-4	5.0	5	10	50
2-4	6.0	6	12	50
2-4	8.0	8	15	60
2-4	10.0	10	20	75
2-4	12.0	12	20	75
2-4	14.0	14	25	90
2-4	16.0	16	25	100
2-4	18.0	18	30	100
2-4	20.0	20	30	100

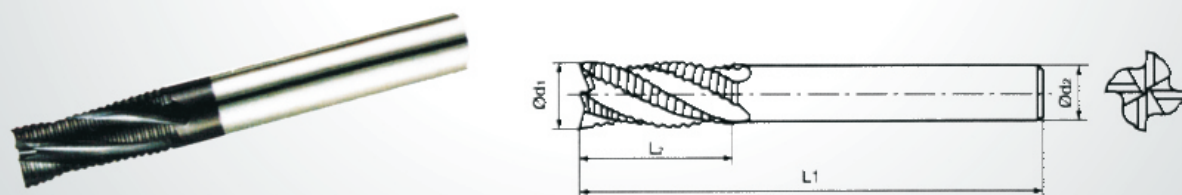
HD-E 鋁加工用立銑刀、硬質合金粗加工銑刀 HD-E End Mills For Aluminium And Nonferrous Metal HD-E Roughing End Mills

鋁加工用立銑刀
End Mills For Aluminium And Nonferrous Metal



齒數(Z)	刃徑(D)	柄徑(d)	刃長(D)	總長(L)
2-3	1.0	3	3	38
2-3	1.5	3	4	38
2-3	2.0	3	6	38
2-3	2.5	3	8	38
2-3	3.0	3	10	38
2-3	4.0	4	11	50
2-3	5.0	5	13	50
2-3	6.0	6	16	50
2-3	8.0	8	19	60
2-3	10.0	10	22	75
2-3	12.0	12	26	75
2-3	14.0	14	30	90
2-3	16.0	16	32	100
2-3	18.0	18	38	100
2-3	20.0	20	38	100

硬質合金粗加工銑刀
Roughing End Mills

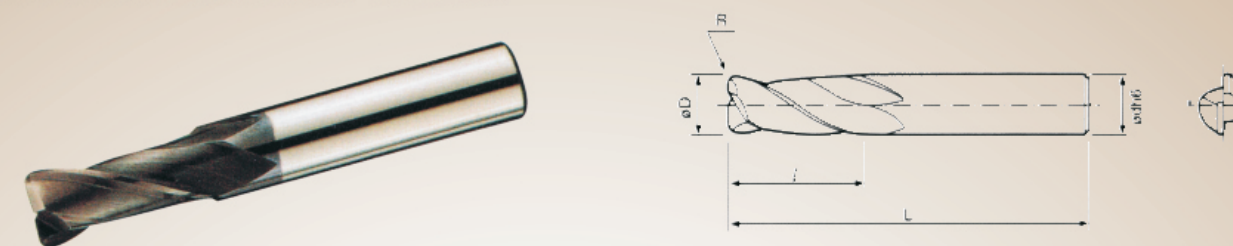


d1	L2	L1	d2	Z
5	12	65	8	3
5	15	65	8	3
7	20	75	10	3
8	20	75	10	3
9	25	90	10	3
10	25	90	12	3
11	30	95	12	3
12	30	95	12	3
13	25	105	16	3
14	35	105	16	3

d1	L2	L1	d2	Z
15	40	115	16	3
16	40	115	16	3
18	40	125	20	3
20	45	130	20	3
21	45	135	25	3
22	45	135	25	3
23	50	140	25	3
24	50	140	25	3
25	50	140	25	3
30	55	150	32	3

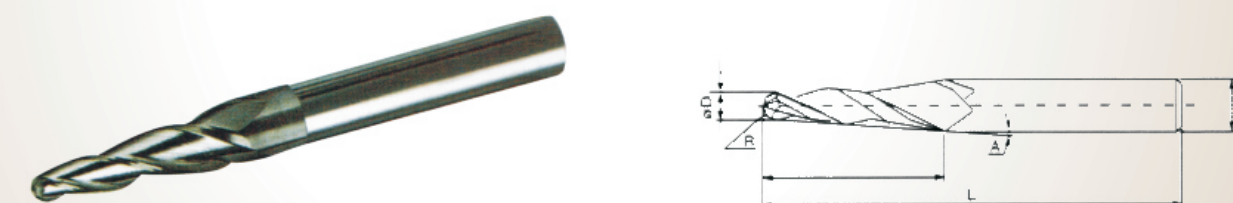
HD-E 整體硬質合金R角立銑刀、整體硬質合金錐度球頭銑刀 HD-E Solid Carbide Radius Corner End Mills HD-E Solid Carbide Tapered Ball End Mills

整體硬質合金R角立銑刀
Solid Carbide Radius Corner End Mills



齒數(Z)	刃徑(D)	柄徑(d)	R	刃長(D)	總長(L)
2	1.0	3	0.2	3	38
2	2	3	0.2	6	38
2-4	3	3	0.5	10	38
2-4	4	4	0.5	11	50
2-4	6	6	1.0	16	50
2-4	8	8	1.0	19	60
2-4	10.0	10	2.0	22	75
2-4	12.0	12	2.0	26	75
2-4	16.0	16	2.0	32	100

整體硬質合金錐度球頭銑刀
Solid Carbide Tapered Ball End Mills



齒數(Z)	刃徑(D)	柄徑(d)	A	刃長(D)	總長(L)
2	0.5	4	0~15°	4	50
2	0.6	4	0~15°	4	50
2	0.7	4	0~15°	4	50
2	0.8	4	0~15°	4	50
2	0.9	4	0~15°	4	50
2	1.0	4	0~15°	4	50
2	1.5	4	0~15°	5	50
2	2.0	4	0~15°	6	50
2	2.5	4	0~15°	8	50
2-4	3.0	6	0~15°	10	50
2-4	4.0	6	0~15°	15	60
2-4	5.0	10	0~15°	20	75
2-4	6.0	10	0~15°	20	75
2-4	8.0	14	0~15°	25	75
2-4	10.0	16	0~15°	30	90

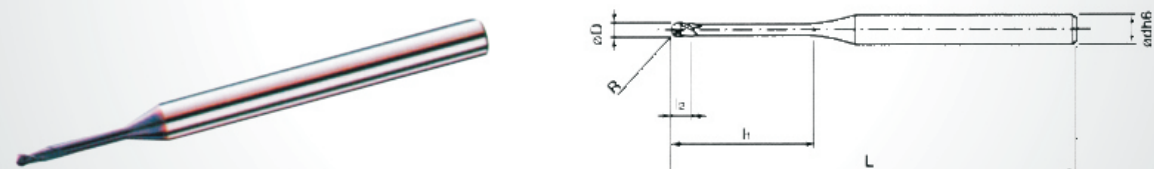
HD-E 整體硬質合金微型立銑刀、整體硬質合金微型球頭銑刀 HD-E Solid Carbide Micro End Mills HD-E Solid Carbide Micro Ball End Mills

整體硬質合金微型立銑刀 Solid Carbide Micro End Mills



齒數(Z)	刃徑(D)	柄徑(d)	刃長(l ₁)	刃長(l ₂)	總長(L)
2	0.3	3	1.5	0.6	33
2	0.4	3	2.0	0.8	33
2	0.5	3	2.5	1.0	38
2	0.6	3	3.0	1.2	38
2	0.7	3	3.5	1.4	38
2	0.8	3	4.0	1.6	38
2	0.9	3	4.5	2.0	38
2	1.0	3	5.0	3.0	38

整體硬質合金微型球頭銑刀 Solid Carbide Micro Ball End Mills



齒數(Z)	球頭半徑(R)	刃徑(D)	柄徑(d)	刃長(l ₁)	刃長(l ₂)	總長(L)
2	0.20	0.4	3	2.0	0.8	38
2	0.25	0.5	3	2.5	1.0	38
2	0.30	0.6	3	3.0	1.2	38
2	0.35	0.7	3	3.5	1.4	38
2	0.40	0.8	3	4.0	1.6	38
2	0.45	0.9	3	4.5	2.0	38
2	0.50	1.0	3	5.0	2.5	38

HD-E 整體硬質合金麻花鑽頭、整體硬質合金微型鑽頭 HD-E Solid Carbide Twist Drills HD-E Solid Carbide Micro Drills

整體硬質合金麻花鑽頭 Solid Carbide Twist Drills



頂角(θ)	刃徑(D)	刃長(l)	總長(L)
118°/140°	2.0~2.5	16	45
118°/140°	2.6~3.0	18	47
118°/140°	3.1~3.5	22	50
118°/140°	3.6~4.0	24	53
118°/140°	4.1~5.0	28	54
118°/140°	5.1~6.0	34	63
118°/140°	6.0~7.0	39	70
118°/140°	7.1~8.0	41	75
118°/140°	8.1~9.0	44	80
118°/140°	9.1~10.0	47	85
118°/140°	10.1~11.0	50	90
118°/140°	11.1~12.0	54	95
118°/140°	12.1~13.0	58	100
118°/140°	13.1~14.0	61	105
118°/140°	14.1~15.0	64	110
118°/140°	15.1~16.0	66	115
118°/140°	16.1~17.0	68	119
118°/140°	17.1~18.0	70	123
118°/140°	18.1~19.0	72	127
118°/140°	19.1~20.0	76	131

整體硬質合金微型鑽頭 Solid Carbide Micro Drills



刃徑(D)	刃長(l)	總長(L)	柄徑(d)
0.3~0.45	3.0	38	3
0.5~0.65	4.5	38	3
0.7~0.95	6.0	38	3
1.0~1.25	8.0	38	3
1.3~1.55	10.0	38	3
1.6~1.95	12.0	42	3
2.0~2.45	14.0	42	3
2.5~2.95	16.0	45	3

HD-E 硬質合金鉸刀系列 HD-E Solid Carbide Jiaodao series

硬質合金鉸刀
Solid Carbide Jiaodao



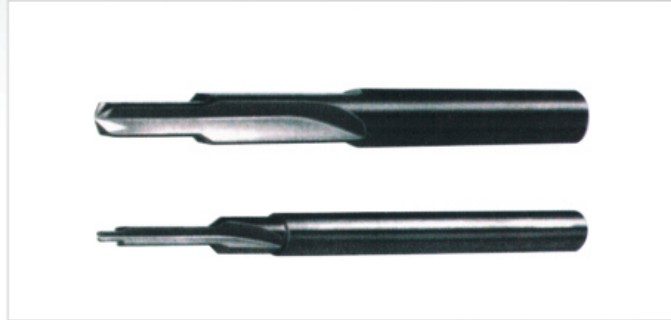
整體直槽鉸刀



整體复合型鉸刀



整體階梯鉸刀



整體階梯鉸刀



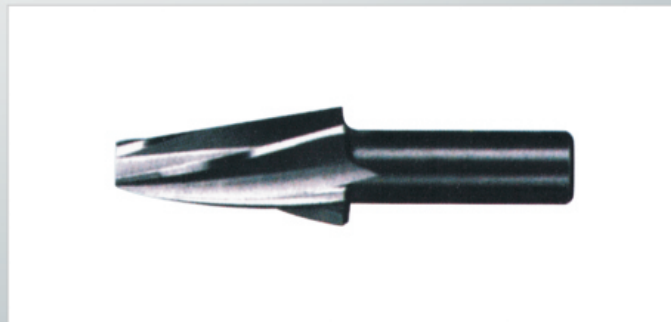
整體錐柄鉸刀



整體多刃型鉸刀



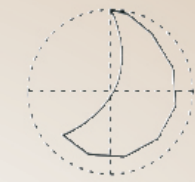
螺旋臺階型鉸刀



整體螺旋錐度鉸刀

HD-E 整體硬質合金單刀銑刀、低螺旋角二刃銑刀 HD-E Solid Carbide Single -fluted Mills Lom Helix End Mills

整體硬質合金單刀銑刀
Solid Carbide Single -fluted Mills

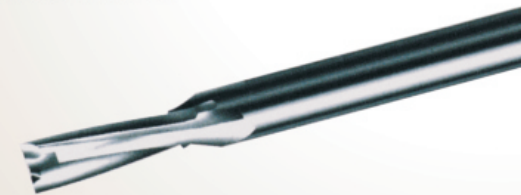


單刃-適用於加工軟塑料，可加工出平滑的表面。分向上排屑和向下排屑兩種。

應用範圍：HDPE、HIPS、UHMW、ABS、聚碳酸脂、PE、聚苯乙烯、聚丙烯、乙縮醛樹脂、丙烯酸樹脂、PET和硬質面材。

刃徑(D)	徑長(l)	柄徑(d)	全長(L)
0.5	2.0	3.0	38
1.0	3.5	3.0	38
1.5	5.0	3.0	38
2.0	6.0	3.0	38
2.5	8.0	3.0	38
3.0	10.0	3.0	38
4.0	12.0	4.0	38
5.0	16.0	5.0	50
6.0	20.0	6.0	50
8.0	25.0	8.0	60
10.0	30.0	10.0	75

低螺旋角二刃銑刀
Lom Helix End Mills



雙刃-用于加工塑料，加工表面平滑。分向上排屑和向下排屑兩種。

應用範圍：丙烯酸樹脂、ABS、PE、乙縮醛樹脂、PET、HDPE、UHMW、聚碳酸脂和硬質面材。

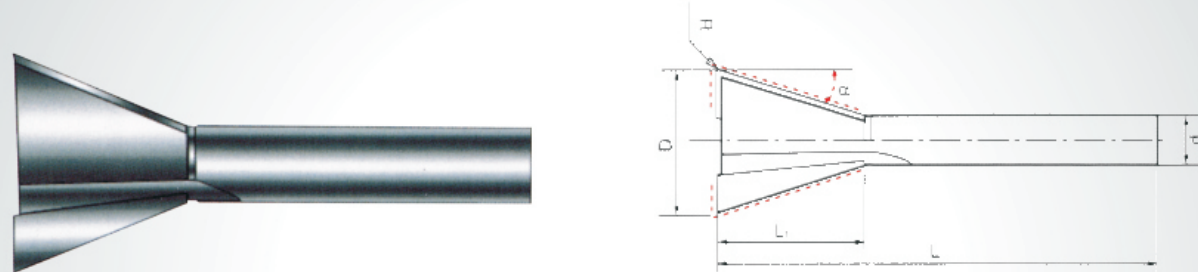
刃徑(D)	徑長(l)	柄徑(d)	全長(L)
1.0	2.5	3.0	38
1.5	3.0	3.0	38
2.0	4.0	3.0	38
2.5	5.0	3.0	38
3.0	8.0	3.0	38
4.0	12.0	4.0	50
5.0	16.0	5.0	50
6.0	20.0	6.0	60
8.0	25.0	8.0	65
10.0	25.0	10.0	65

HD-E 硬質合金銑刀、雕刻刀 HD-E carbide milling cutter, chisel

硬質合金T型槽銑刀
Solid Carbide T-Slot mills



硬質合金燕尾槽銑刀
Solid Carbide Dov mills



硬質合金輪廓銑刀
Solid Carbide Form mills

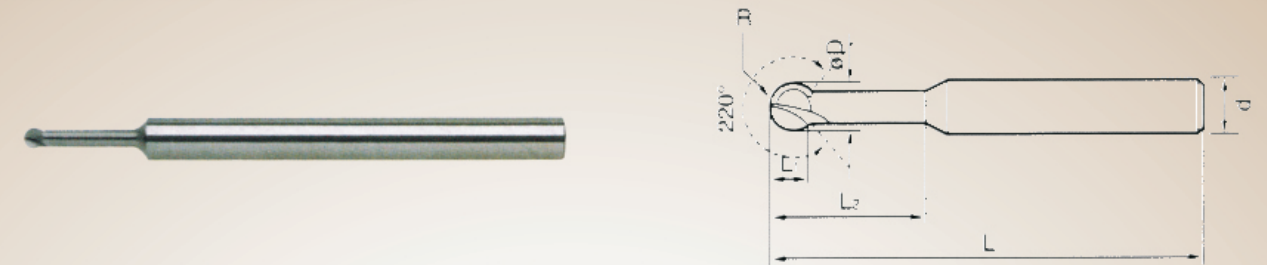


整體硬質合金雕刻刀
Solid Carbide Mills of V-Type

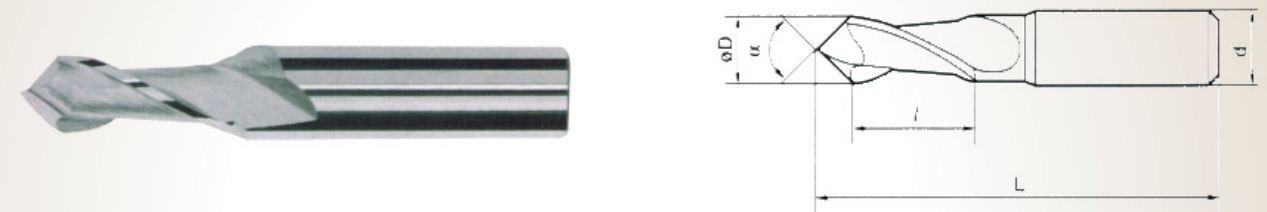


HD-E 硬質合金銑刀系列 HD-E carbide milling cutter series

整體硬質合金220°球頭銑刀
Solid Carbide ball nose With 220°



整體硬質合金倒角銑刀
Solid Carbide Chamfer mills



硬質合金階梯銑刀
Solid Carbide Step mills

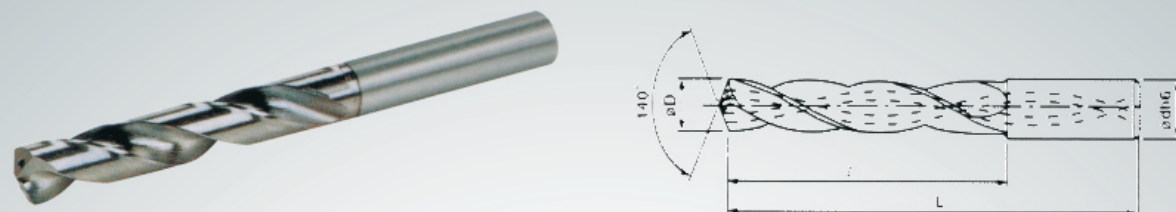


整體硬質合金內R角銑刀
Solid Carbide Inner Radius Conner mills



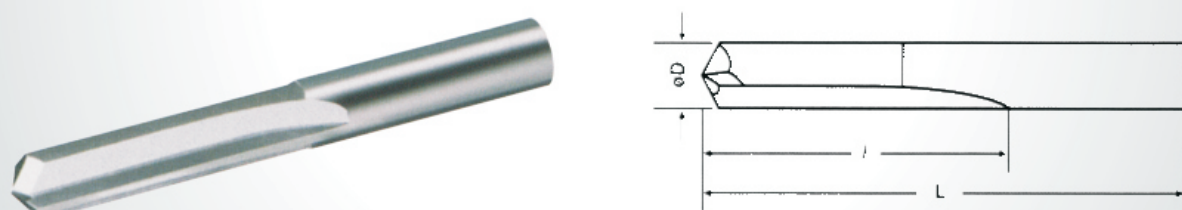
HD-E 整體硬質合金鑽頭 HD-E solid carbide bit

整體硬質合金內冷卻鑽頭
Solid Carbide Twist Drills With Internal Coolant



刃徑(D)	柄徑(d)	刃長(l)	總長(L)
6.0	6	46	84
6.1~8.0	8	56	94
8.1~10.0	10	65	107
10.1~12.0	12	78	125
12.1~14.0	14	91	138
14.1~16.0	16	104	154
16.1~18.0	18	117	167
18.1~20.0	20	130	182

整體硬質合金直槽鑽頭
Solid Carbide Burning drills



刃徑(D)	刃長(l)	總長(L)
1.0	6	26
1.5	9	32
2.0	12	38
2.5	14	43
3.0	16	46
3.5	20	52
4.0	22	55
4.5	24	58
5.0	26	62
5.5	28	66
6.0	28	66
6.5	31	70

刃徑(D)	刃長(l)	總長(L)
7.0	34	74
7.5	34	74
8.0	37	79
8.5	37	79
9.0	40	84
9.5	40	84
10.5	43	89
10.5	43	89
11.0	47	95
11.5	47	95
12.0	51	102

HD-E 整體硬質合金鑽頭 HD-E solid carbide bit

整體硬質合金定心鑽
Solid Carbide Spotting Drills



頂角(a)	外徑(D)	刃長(l)	總長(L)
90° ~ 120°	6	46	84
90° ~ 120°	8	56	94
90° ~ 120°	10	65	107
90° ~ 120°	12	78	125
90° ~ 120°	14	91	138
90° ~ 120°	16	104	154
90° ~ 120°	18	117	167
90° ~ 120°	20	130	182
90° ~ 120°			

整體硬質合金中心鑽
Solid Carbide Centering Drills

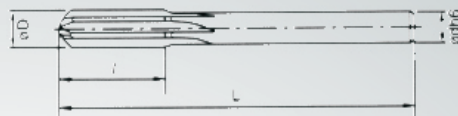


角度(θ)	刃徑(D)	柄徑(D)	刃長(l)	總長(L)
60°	1.0	4	1.0	34
	1.5	5	1.5	40
	2.0	6	2.0	45
	2.5	7	2.5	50
	3.0	8	3.0	50
	4.0	10	4.5	60
	5.0	11	5.5	70

HD-E 整體硬質合金鉸刀 HD-E Solid carbide reamer

整體硬質合金直槽鉸刀

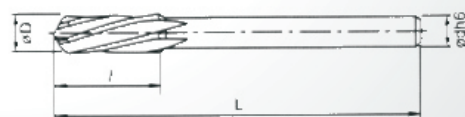
Solid Carbide Reamers With Stranght Flute



齒數(Z)	刃徑(D)	柄徑(d)	刃長(l)	總長(L)
4	2.0	3.0	20	45
4	2.5	3.0	20	45
6	3.0	3.0	25	50
6	4.0	4.0	30	60
6	5.0	5.0	30	60
6	6.0	6.0	36	70
6	7.0	7.0	40	70
6	8.0	8.0	40	80
6	9.0	9.0	45	80
6	10.0	10.0	45	90
6	11.0	11.0	50	90
6	12.0	12.0	50	90

整體硬質合金螺旋槽鉸刀

Solid Carbide Reamers With Helix Flute



齒數(Z)	刃徑(D)	柄徑(d)	刃長(l)	總長(L)
4	2.0	3.0	20	45
4	2.5	3.0	20	45
6	3.0	3.0	25	50
6	4.0	4.0	30	60
6	5.0	5.0	30	60
6	6.0	6.0	36	70
6	7.0	7.0	40	70
6	8.0	8.0	40	80
6	9.0	9.0	45	80
6	10.0	10.0	45	90
6	11.0	11.0	50	90
6	12.0	12.0	50	90

HD-E 金剛石刀具系列 HD-E Diamond tool series

金剛石刀具系列 Diamond tool series

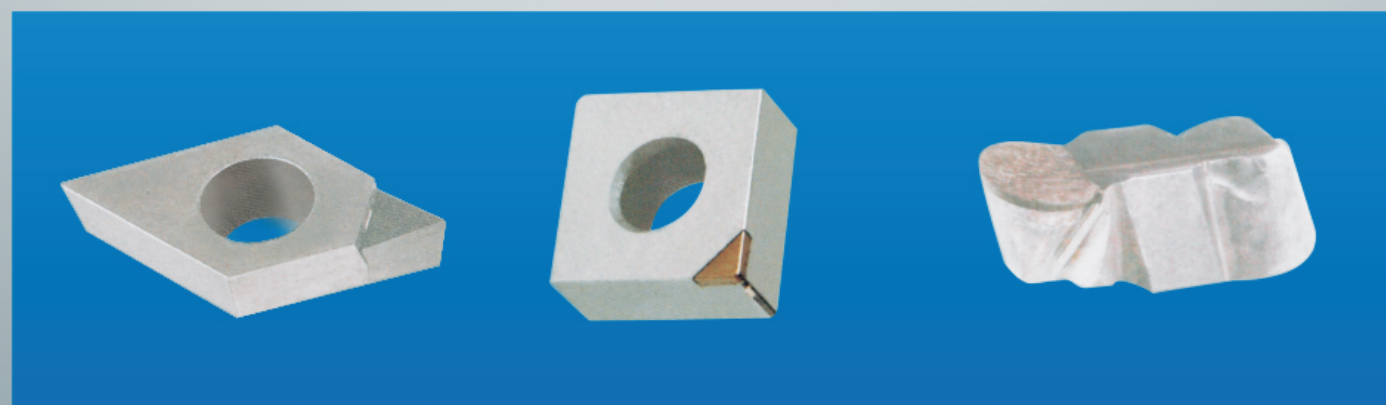
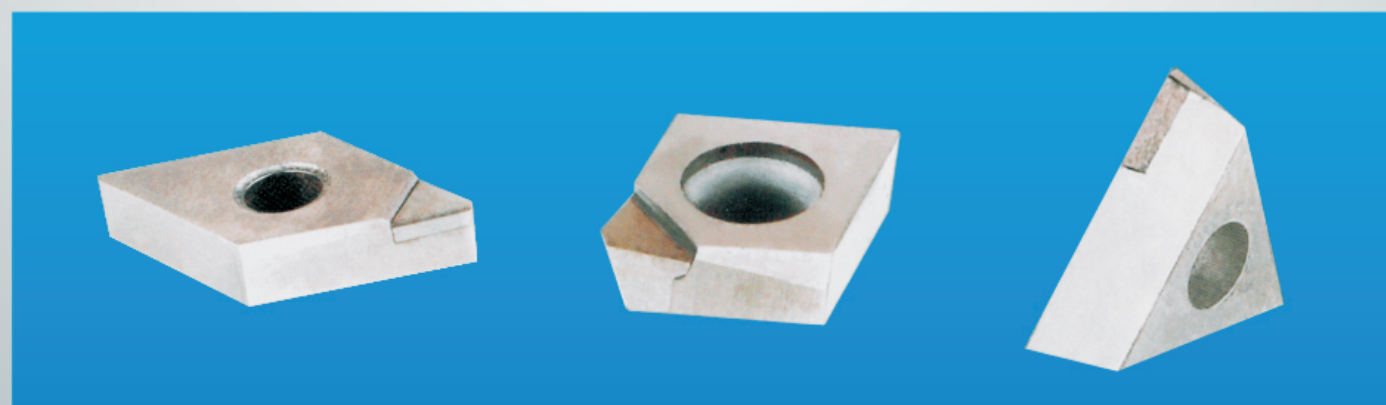
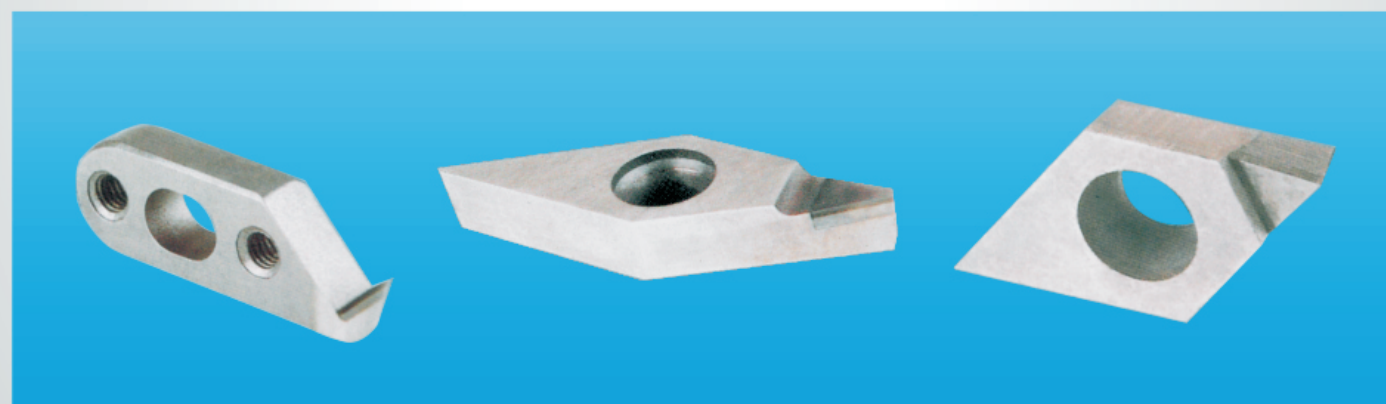
PCD刀具主要用于高效切削有色金屬和非金屬。廣泛應用於汽車製造業、航天、航空、造船、發動機製造、3C行業。



HD-E 金剛石刀具系列 HD-E Diamond tool series

金剛石刀具系列 Diamond tool series

PCD刀具主要用于高效切削有色金屬和非金屬。廣泛應用於汽車製造業、航天、航空、造船、發動機製造、3C行業。

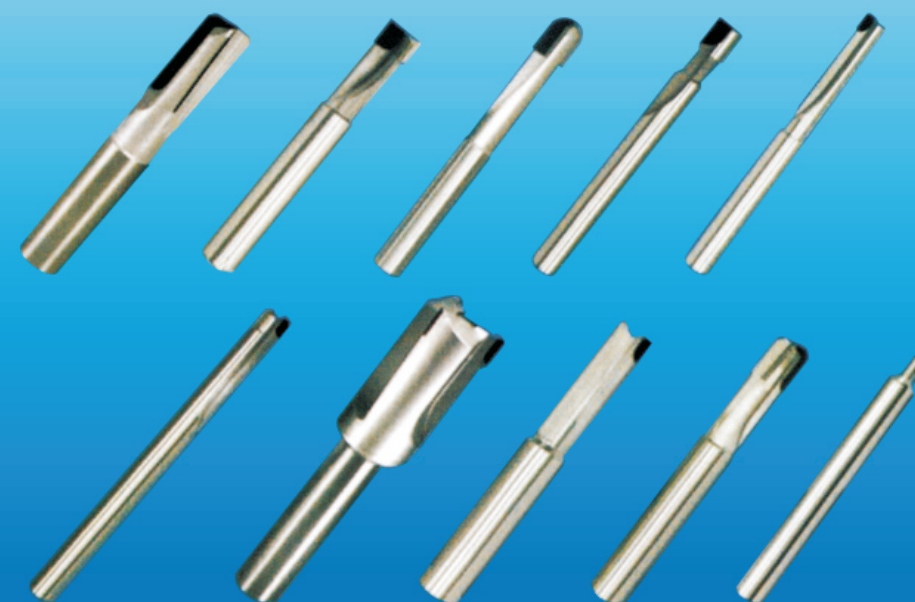


HD-E 產品定制 HD-E Product customization

焊接式PCD\CBN復合銑刀/ 定制

承制各種焊接式PCD、CBN銑刀

金剛石刀具是一種由硬質合金刀杆和金剛石刀刃組合而成的新型刀具，其切削刃由金剛石構成。金剛石分人工造聚晶金剛石、天然單晶金剛石，是世界上硬度最高的物質，因此由其制作的刀具在使用壽命上往往超出傳統硬質合金刀具數倍。金剛石同時兼具的導熱性和極低的摩擦系數，使得金剛石刀具擁有極其優異的切削性能。

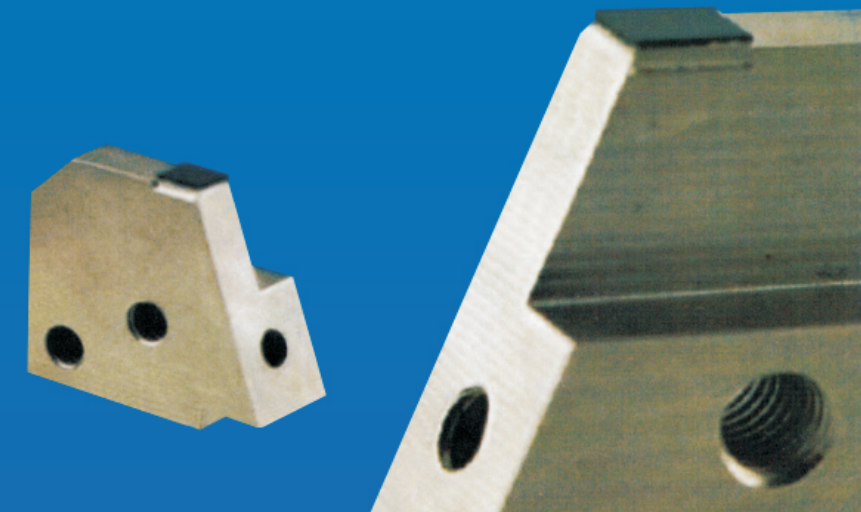


焊接式PCD\CBN復合刀具



超硬材料耐磨件

超硬材料因為其本身無與倫比的性能，非常適合於制作耐磨件，廣泛應用於交通、電子、塑膠、航空等應用領域。



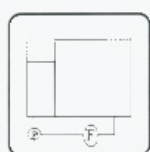
HD-F系列產品介紹 Product introduction

超聲波清洗的工作原理

利用高于20KHz的超音頻電能，通過換能器轉成高頻機械振蕩而傳入到清洗液中。超聲波在清洗液中疏密相間地向前輻射，使液體流動，並產生數以萬計的微小汽泡，這些汽泡是在超聲波縱向傳播的負壓區形成及生長，而在正壓迅速閉合（熄滅）。這種微小汽泡形成、生長、迅速閉合稱為空化現象。在空化現象中氣泡閉合時形成超過1000個大氣壓的瞬時高壓，連續不斷產生瞬時高壓就象一連串小爆炸不斷地轟擊物體表面，使物體表面及縫隙中的污垢迅速剝落，這種空化侵蝕作用就是超聲波清洗的基本原理。

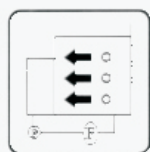


清洗工藝的結構與特點



浸漬清洗

在清洗槽中加入清洗液，將被洗物浸漬其中的清洗方式。由於僅靠清洗劑的化學作用清洗，所以洗滌能力弱，需要長時間循環清洗液。



噴流清洗

從槽的側面將清洗液在液相中噴出，靠清洗液的攪拌力（物理作用）促進洗滌。洗滌能力比浸漬清洗強。



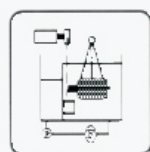
超聲波清洗

在洗滌槽內安裝超聲波振子，產生超聲波能量（數千個大氣壓的沖擊波）將被洗物全部清洗的方式。



減壓清洗

在清洗槽內產生負壓，由於減壓，洗滌劑能較好地滲透到被洗物和縫隙之間，和超聲波并用，清洗效果會大大增強。



旋轉筒清洗

在槽內安裝旋轉裝置，同時旋轉筒體和攪拌被清洗物。多與噴流，超聲波洗滌組合使用。



噴氣清洗

在清洗槽內安裝噴氣管（多個噴管）用氣體將清洗液噴射到被洗物上的清洗方式。壓力為20kg/cm²以上。



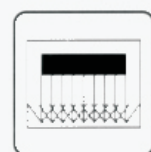
刷洗

在清洗腔室安裝刷子，工件有專門的支承或夾具，在清洗劑浸漬或淋潤的同時，主要靠刷子與工件的機械磨擦力進行清洗作為初級清洗，效果直接。



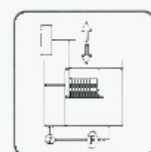
噴淋清洗

在清洗槽內安裝噴淋咀，在氣相中將洗滌液噴附在被清洗物上，壓力2-20kg/cm²。



噴霧清洗

在清洗槽內安裝噴淋咀，在氣相中將洗滌液噴附在被清洗物上的清洗方式。壓力2-20kg/cm²。



搖動清洗

在槽內安裝搖動機構，裝入被洗物，使之在洗滌槽內上下運動，多與噴流、超聲波洗滌組合使用。

HD-F系列清洗機 HD-F series cleaning machine

系列單槽式超聲波清洗機

HD-F系列單槽式超聲波清洗機

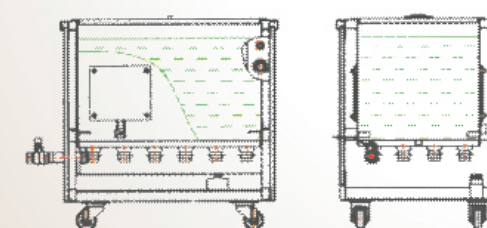
使用碱性或弱酸性水溶液作清洗劑

HD-F系列清洗機

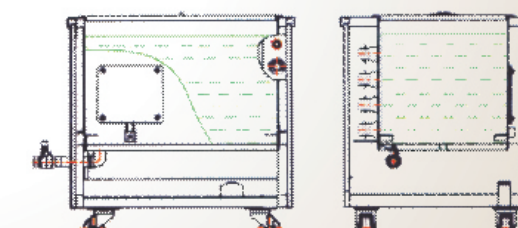
適用於電鍍零件的鍍前或鍍後清洗，並廣泛運用於鐘表業，五金機械業、珠寶首飾眼鏡等各行業。

特點

- 使用大功率進口寬頻帶換能器（震頭）每個震頭輸出功率50W或100W。震力強勁電聲轉換效力高。
- 全不銹鋼結構，內槽用進口SUS 316不銹鋼板，外殼用SUS 304不銹沙膠板，耐酸耐碱，美觀實用。
- 設有自動溫控加熱裝置，溫控範圍30-100℃任意調校。
- 超聲波發生器與清洗槽分成兩部分，使用時用帶插頭的高頻線連結，使用方便，易于保養。
- 可根據客戶的工藝要求選擇底震或邊震（如下圖）



A型 底震式



B型 邊震式

技術規格

型號	HD-1004	HD-1006	HD-1012	HD-1018	HD-1024	HD-1030	HD-1036
規格							
震子數量	4	6	12	18	24	30	36
超聲功率(W)	200	300	600	900	1200	1500	1800
超聲頻率(KHz)	28/40	28/40	28/40	28/40	28/40	28/40	28/40
加熱功率(KW)	0.5	0.5	2.0	2.0	4.0	4.0	4.0
內槽尺寸(mm)	250×200×230	290×200×230	370×280×330	460×330×400	600×400×400	600×500×400	650×500×440
外型尺寸(mm)	260×330×350	500×330×350	480×420×695	570×470×695	710×540×695	710×640×695	760×640×695

HD-F系列清洗機 HD-F series cleaning machine

HD-F系列雙槽式超聲波氣相清洗機

適用範圍

電子、五金、電度、鐘表、玻璃及機械零件採用不易燃有機溶液，如三氯乙烯及二氯乙烷等。

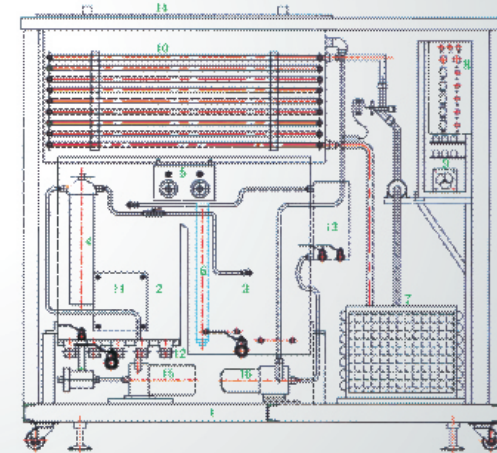
特點

- 全不銹鋼結構,316不銹鋼板，耐酸耐碱，外型美觀大方。
- 設置內藏冷凍系統，有效防止溶劑揮發。
- 設置液位控制系統，確保機器正常工作。
- 設置溶劑過濾系統和回收系統，降低生產成本。
- 設置溶劑加熱與自動恆溫系統，溫控範圍30~100℃。
- 設置快速冷凍干燥系統，快速干燥工件。

- | | | |
|---------|---------|--------|
| 1、機架 | 7、冷氣機組 | 13、分水器 |
| 2、超聲清洗槽 | 8、電控面板 | 14、缸蓋 |
| 3、蒸汽槽 | 9、超聲發生器 | 15、過濾泵 |
| 4、過濾器 | 10、冷凍排管 | 16、噴淋泵 |
| 5、溫控器 | 11、發熱組件 | |
| 6、液位保護器 | 12、換能器 | |



HD-F003



技術規格

規格 \ 型號	-2006R	-2012R	-2018R	-2024R
震子數量(套)	6	12	18	24
超聲功率(W)	300	600	900	1200
超聲頻率(KHz)	28/40	28/40	28/40	28/40
加熱功率(KW)	2.0	4.0	5.0	6.0
超聲槽尺寸(mm)	185×285×310	410×310×330	410×360×400	480×380×450
蒸汽槽尺寸(mm)	185×285×360	410×310×380	410×360×450	480×380×500
外型尺寸(mm)	980×570×1140	1550×630×1290	1630×680×1490	1790×700×1530
電源	220V/380V,3P,50Hz	220V/380V,3P,50Hz	220V/380V,3P,50Hz	220V/380V,3P,50Hz

HD-F系列清洗機 HD-F series cleaning machine

HD-F系列四槽式超聲波氣相清洗機

適用範圍

此系列機使用不燃性有機溶劑，如三氯乙烯或三氯乙烷等。

此系列清洗機適用於要求清潔度高的精密工件的清洗，該機設有兩個超聲波清洗槽作為粗洗和精洗，蒸汽槽能以高密度的蒸汽清洗，能使工件迅速干燥，附設獨立的蒸餾回收槽，使每個清洗槽長期保持清潔與溶劑回收再生使用。

功能

- 一級超聲波清洗
- 二級超聲波清洗
- 蒸汽浴洗
- 冷凍干燥
- 蒸餾回收

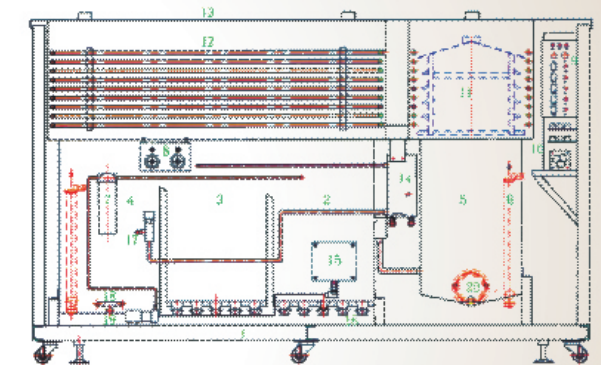
特點

- 裝配冷凍水排管
- 全不銹鋼結構
- 液溫加熱與自動恆溫系統，溫控範圍30~100℃
- 液位自動控制系統
- 快速冷卻干燥
- 溶劑回收再生，使清洗劑長期清潔

技術規格

規格 \ 型號	HD-4018W	HD-4024W	HD-4030W	HD-4036W
震子數量(套)	18	24	30	36
超聲功率(W)	900	1200	1500	1800
超聲頻率(KHz)	28/40	28/40	28/40	28/40
第一超聲槽尺寸(mm)	280×260×260	280×330×330	380×330×380	430×330×380
第二超聲槽尺寸(mm)	280×260×300	280×330×370	380×330×420	430×330×420
蒸汽槽尺寸(mm)	280×260×350	280×330×420	380×330×470	430×330×470
蒸餾回收槽尺寸(mm)	280×260×480	280×330×510	380×330×560	430×330×610
外型尺寸(mm)	1780×620×1140	1780×690×1330	2180×690×1430	2380×690×1460

HD-004



- | | | |
|----------|----------|--------|
| 1、機架 | 8、溫控器 | 15、發熱板 |
| 2、超聲清洗一槽 | 9、電控面板 | 16、換能器 |
| 3、超聲清洗二槽 | 10、超聲發生器 | 17、拉力制 |
| 4、蒸汽浴洗槽 | 11、冷凝加收塔 | 18、發熱管 |
| 5、蒸餾回收槽 | 12、冷凍排管 | 19、過濾泵 |
| 6、液位保護器 | 13、缸蓋 | 20、掏渣口 |
| 7、過濾器 | 14、分水器 | |

HD-F系列清洗機 HD-F series cleaning machine

全自動、全封閉超聲波氣相清洗機

HD-F005 全自動超聲波氣相清洗機

設備結構特點

- 清洗工件：電子線路板
- 清洗臟物：松香、助焊劑等
- 清洗工作時間可以設定和調整
- 採用PLC電腦編程控制全自動機械手移工件。
- 按工件要求配置不銹鋼掛籃實現最佳清洗效果。
- 採用進口原件配套，性能可靠
- 整機全不銹鋼製造，結構緊湊外形美觀



HD-F006全自動鏈式超聲波氣相清洗機

設備結構特點

- 清洗工件：五金件
- 採用鏈條傳動方式
- 電腦程序控制，程序編程可調
- 具有全自動和手動操作方式選擇
- 清洗工時間可設定和調整
- 定位精度高、動作平穩、運行可靠
- 採用不銹鋼掛架，强度高且耐酸耐鹼
- 按具體的清洗工作，配置不銹鋼掛籃實現最佳的清效果。
- 採用進口名牌元件配套生產，性能可靠外型美觀



HD-F007 全自動超聲波氣相清洗機

設備結構特點

- 清洗工件：五金件
- 除油除污干燥
- 本機採用全自動全封閉電腦程序控制
- 環型滾道上下料，全過程自動化完成



HD-F系列清洗機 HD-F series cleaning machine

環保型系列超聲波清洗機

HD-F008 全自動超聲波清洗機

設備結構特點

- 清洗工件：汽車空調冷凝器鋁件、汽車零件、壓縮機零件。
- 採用全水基環保清洗工藝
- 採用單梁單臂機械手移送工件，清洗效率高
- 設滾道式進出料裝置，降低勞動強度
- PLC程序模糊控制與觸摸屏操作界面，實現人機對話，操作便利。
- 採用進口原件配套，性能可靠，全不銹鋼結構，外形美觀。



HD-F009 全自動超聲波清洗機

設備結構特點

- 清洗工件：精密電子槍零件
- 採用全水基環保清洗工藝
- 具備清洗籃轉動和拋動功能
- 全自動、全封閉電腦程序控制上料、清洗、干燥、下料全過程自動化完成。
- 採用先進觸摸屏終端顯示，具有人機對話功能。



HD-F010 超聲波清洗機

設備結構特點

- 清洗工件：晶片
- 採用全水基環保清洗工藝
- 採用120KHz高頻超聲波
- 整機全不銹鋼結構，輕巧美觀

