

精機事業部營業項目

Business items of precision machine dept.

- M/C加工治具
M/C machine tools
- 自動化及切削專用機
Automatic and cutting machines
- 氣密測試機
Air-tight testers
- 產品開發
Product Development
- 夾治具專用空油壓缸
Air boring hydraulic cylinder machine tool
- OEM代工精密製造
OEM precision manufacturing



盛鈺精機有限公司
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治具 / 專用機專業製造廠
自動化機械手系統整合

SPECIAL-PURPOSE MACHINES / 切削專用機
AIR-TIGHT TESTING MACHINES / 氣密測試機
JIGS FOR AUTOMOTIVE & MOTORCYCLE PARTS / 汽機車切削治具
GENERAL JIGS / 一般切削專用治具



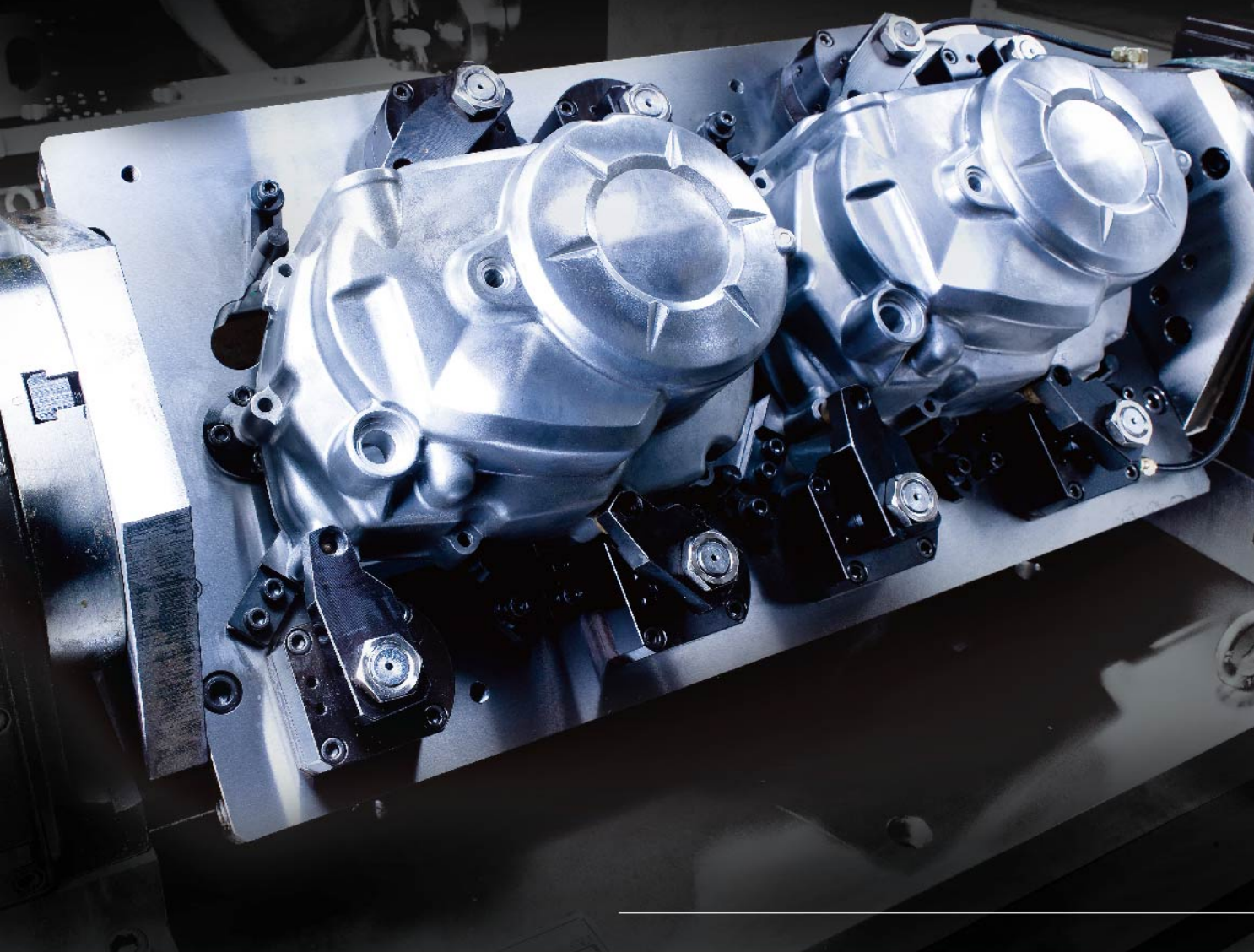
盛鈺精機

- 專注研發 堅持品質 -

創立於1996年的盛鈺精機有限公司，專業夾治具與專用機的設計製造。產品深受國內外產業界的高度肯定。盛鈺廣泛的客戶群中，更包含許多知名製造廠。「不斷提升研發實力」與「品質保證」是盛鈺公司一貫所秉持的公司信念。同時，我們也不斷致力於公司整體運作管理的改善，以強化企業體質。盛鈺公司產品完全依據客戶要求製作，對於產品設計，製造與品質控管，我們始終堅持以最佳的产品品質與性能，幫助客戶提升效率與產能，以提升競爭優勢。

盛鈺產品範圍

- 夾治具
- 自動化專用機
- 檢具設計
- 氣密測試機
- 加工生產線規劃
- 產品開發
- OEM代工製造



Products Range

- Jigs and fixtures
- Air-tight testing machines
- Automated special purpose machines
- Planning of machining lines
- Design of special inspection devices
- Product development
- OEM manufacturing

Sheng Yu

- Dedicated to R&D / Insisting on Quality -

Established in 1996, Sheng Yu Precision Machine Co., Ltd. specializes in design and manufacturing of jigs, fixtures and special purpose machines. Thanks to their outstanding quality, Sheng Yu products have been recognized by customers, both domestic and overseas. Sheng Yu's customer list includes many renowned manufacturers. "Constantly Upgrading R&D Capability" and "Quality Guraranteed" have been Sheng Yu's unwavering concepts since the company's establishment. Meanwhile, we are also dedicated to improving the company's management system to upgrade our enterprise strength.

Sheng Yu products are custom made according to customers' requirements. No matter what kind of product design or manufacturing and quality control, we always do our very best to offer the best possible product quality and performance for our customers. Our objective is to help customers to increase efficiency and productivity, and upgrade their competitive edge.



研發設計 Research & Development

客製化設計團隊

秉持10幾年來在夾治具與專用機的設計製造經驗，盛鈺公司的研發人員於產品設計前，與客戶充份溝通，以瞭解客戶的加工方式，加工效率與精度要求等。我們的研發人員再依據客戶產品分析，以設計出最符合客戶需求的夾治具。

Custom Design Team

Based on over 10 years of experience in design and manufacturing of jigs, fixtures and special purpose machines, Sheng Yu's research and development engineers fully communicate with customers before designing products. This will allow our R&D engineers to correctly understand customers' required machining method, machining efficiency and accuracy, etc. They also analyze customers' product characteristics to design the jigs and fixtures that fully meet customers' requirements.

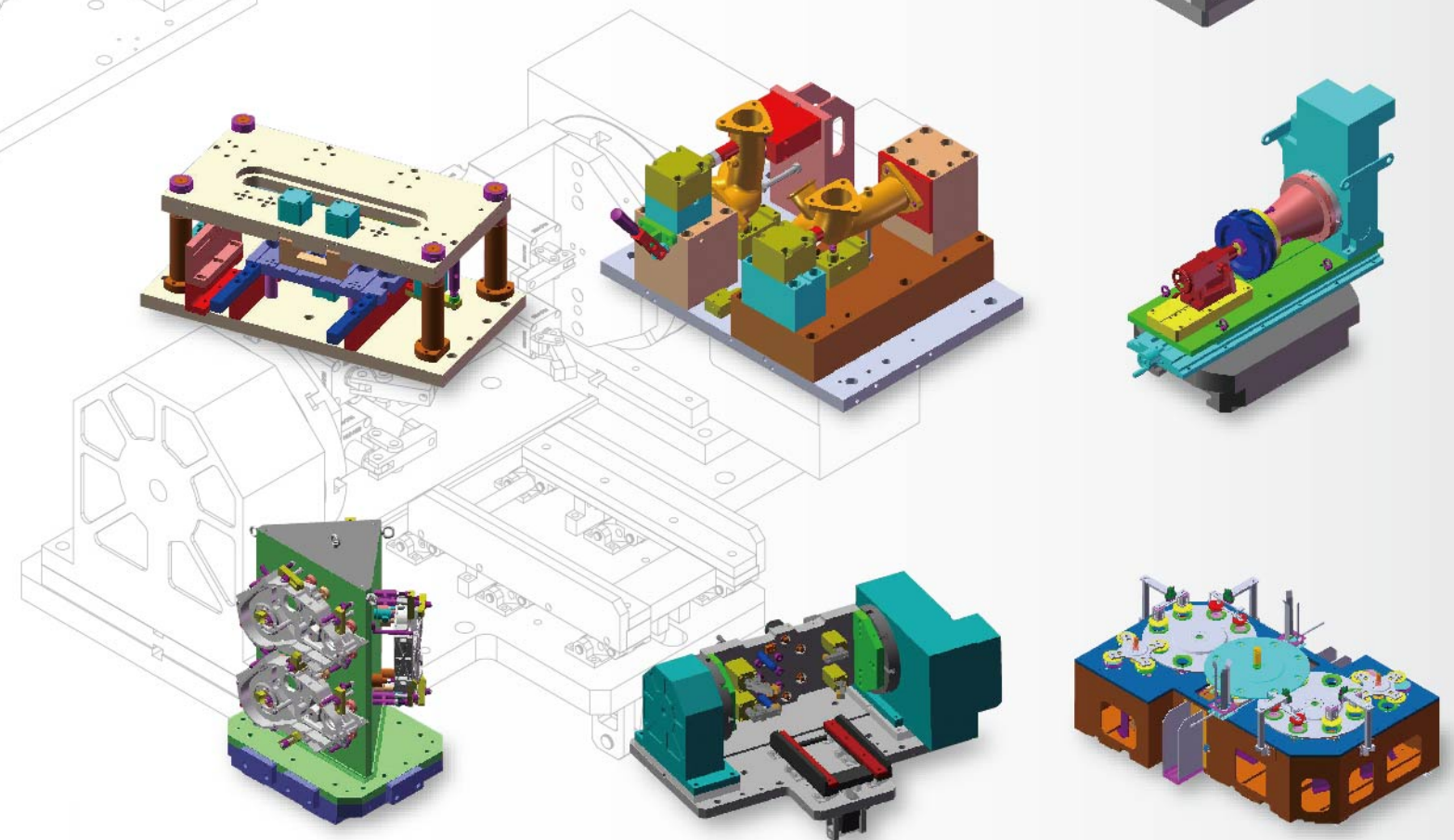
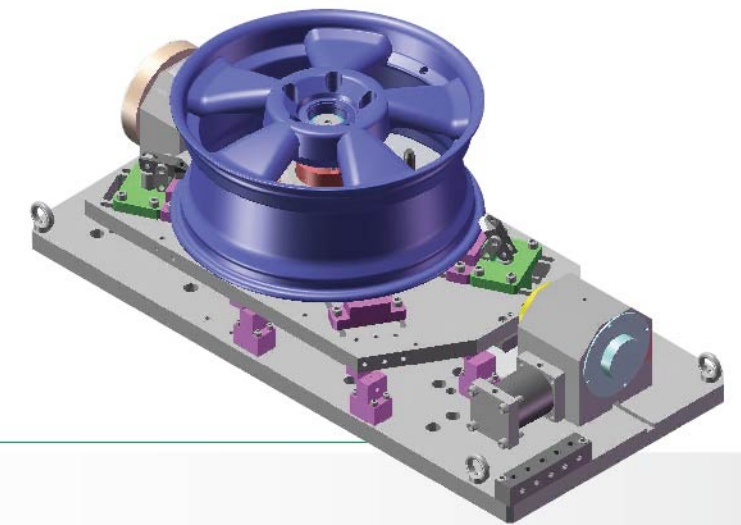


專業的研發團隊
Highly experienced R&D team



強大研發動能成就
卓越客製工藝

Outstanding Customized Results
Accomplished by Strong R&D
Momentum



生產線 Machining Line

零件加工生產線

盛鈺公司引進許多精密CNC加工設備，作精密零件加工。大部份盛鈺產品的零組件都是在廠內自行加工。我們的技術人員除了對零件特性有充份的瞭解，因此可以確實掌握零件的精度重點。同時我們可以徹底掌控零件品質與縮短零件生產時間。

Parts Machining Line

Sheng Yu has heavily invested in a wide range of CNC machining equipment for parts machining. Most parts of Sheng Yu products are machined in-house. Our technicians have a thorough understanding of parts characteristics. Therefore, they always pay special attention to the accuracy required. Additionally, we can fully control the parts quality and greatly shorten parts production time.



CNC加工設備 ▲
CNC machining equipment



夾治具組裝

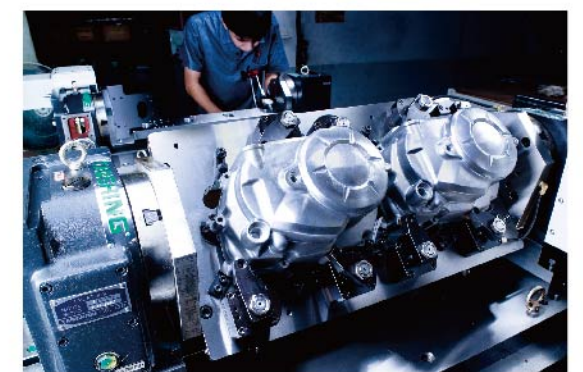
夾治具組裝人員具有豐富經驗，組裝過程中每一個細節都極力呵護。

Jig and Fixture Assembling

Jigs and fixtures are assembled by highly skilled technicians, who pay special attention to every detail during assembling process.



組裝前底板精度檢驗 ▲
Base plate accuracy inspection before assembling



夾治具組裝 ▲
Jig and fixture assembling

品管 Quality Control

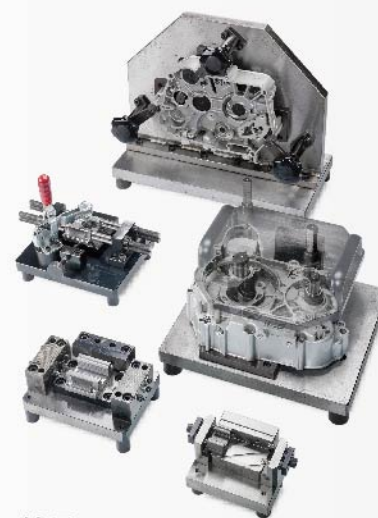
QC

嚴格品質控管 - 精密檢驗 鉅細靡遺

盛鈺公司全方位的品質控管始於產品設計，零件加工，組裝，製程檢驗至最終成品檢驗。在生產過程中每一階段的品質，都受到最嚴格的品質檢驗。本公司除了強調自主檢驗的理念，並由專業品管人員執行品質稽核，徹底落實全面品管。

Rigorous Quality Control - Precision Inspection Throughout

Sheng Yu's comprehensive quality control begins with product design, parts machining, assembling, on-process inspection and final production inspection. Rigorous quality inspection is conducted at each step during the manufacturing process. We also enhance the self-inspection concept. In addition, quality audit is performed by professional QC staffs to thoroughly conduct our total quality control system.



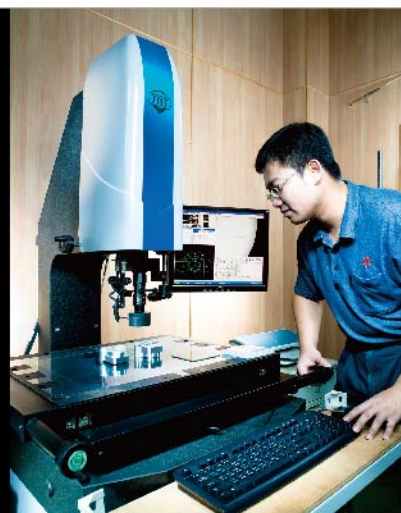
檢具 ▲
Custom inspection device

精密檢驗儀器

盛鈺品管部門擁有許多精密量測儀器，例如：2.5D影像量測儀，瑞士TESA電子式高度規，偏心儀...等。此外，本公司更具有自製檢具能力。專業訓練的品管人員，利用這些精密檢驗儀器，實施100%零件檢驗，以確保盛鈺產品品質的完美無瑕。

Sophisticated Inspection Instruments

Sheng Yu's quality control department is fully equipped with a wide range of sophisticated inspection instruments, such as 2.5D image measurement device, Swiss TESA electronic type height gauge and run-out tester, etc. Furthermore, we are capable of manufacturing custom inspection devices in-house. Our well-trained QC staffs utilize these precision instruments to implement 100% parts inspection. All these guarantee quality excellence for each product from Sheng Yu.



2.5D影像量測儀 ▲
2.5D image measurement device



瑞士TESA 電子式高度規 ▲
Swiss TESA electronic type height gauge



偏心儀 ▲
Run-out tester

機車自行車治具

Motorcycle Machine Tool

**MM-A04**

腳踏車前叉內管臥式治具
Horizontal jig for internal tube
of bicycle front fork

**MM-A01**

腳踏車曲柄治具
Jig for bicycle crank-handle machining

**MM-A02**

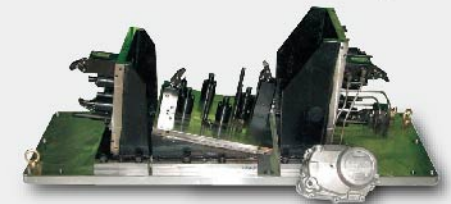
腳踏車四軸治具
Jig for foot pedal
4-axis machining

**MM-A03**

三陽C-100左蓋加工治具
Jig for Sanyang C-100
left cover machining

**MM-A07**

三陽C-100右蓋加工治具
Jig for Sanyang C-100
right cover machining

**MM-A05**

125 c.c 缸頭加工治具
Jig for 125 CC cylinder
head machining

**MM-A06**

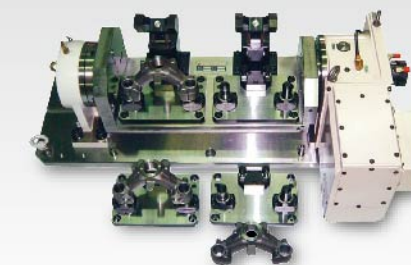
機車輪殼四軸治具
Jig for motorcycle wheel
hub 4-shaft machining

**MM-A08**

嘉陵本田GX160箱體加工治具
Jig for Jialing Honda GX160
case body machining

**MM-A09**

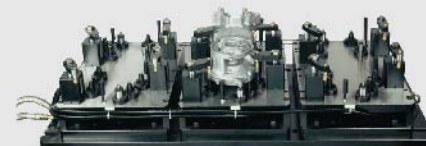
50~90 c.c 左箱加工治具(反面)
Jig for 50~90 CC left case machining
(backside view)

**MM-A10**

機車肩蓋四軸治具
Jig for motorcycle
wheel hub 4-shaft
machining

**MM-A11**

50~90 c.c 箱體合箱加工治具
Jig for 50~90 CC case
body jointing

**MM-A12**

50~90 c.c 左箱加工治具(正面)
Jig for 50~90 CC left case machining (front view)

**MM-A13**

50~90 c.c 右箱加工治具
Jig for 50~90CC right case machining

**MM-A14**

CG125左箱反面加工治具
Jig for Cg125 left case
opposite side machining

MM-A015

CG125箱體銑面治具
Jig for CG125 case
body face milling

**MM-A16**

CG125箱體合箱
加工治具
Jig for CG125
case body jointing

**MM-A17**

CG125箱體四軸加工治具
Jig for CG125 4-shaft
machining



汽車元件治具

Auto Parts Tool

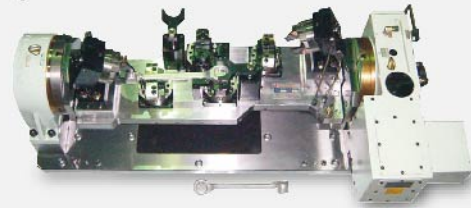


AP-A05 汽車卡鉗臥式油壓治具
Hydraulic jig for automotive clamp



AP-A01

汽車左前上控制臂治具
Jig for automotive left front top control arms



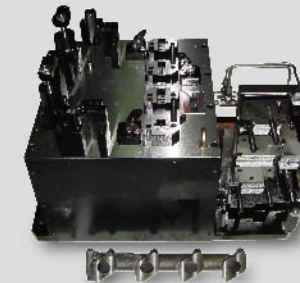
AP-A02

汽車球座油壓治具
Hydraulic jig for automotive ball seat



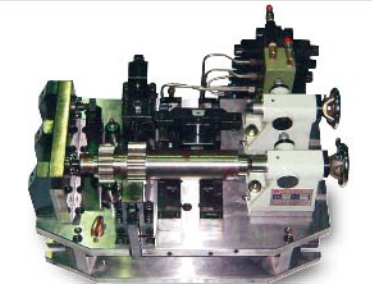
AP-A03

排氣管治具
Jig for air exhaust pipe



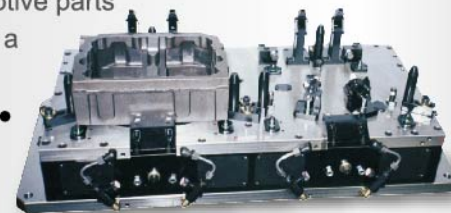
AP-A04

齒輪軸油壓治具
Hydraulic jig for gear shaft machining



AP-A06

汽車零件M/C加工治具
Jig for automotive parts machining on a machining center



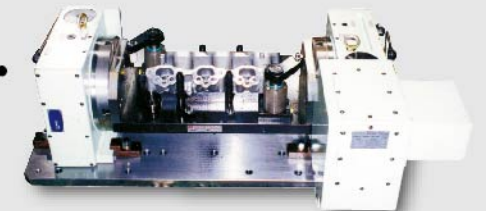
AP-A07

汽車萬向節車床治具
Jig for automotive universal joint turning



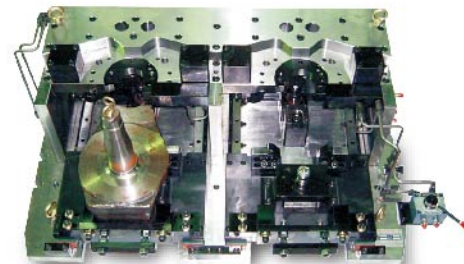
AP-A08

汽車進排氣歧管
M/C 加工治具
Jig for automotive intake/exhaust manifold machining



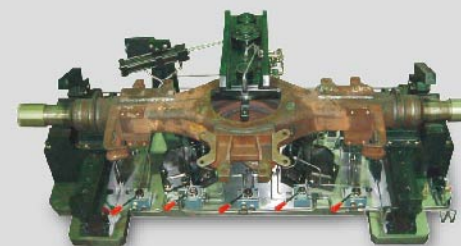
AP-A09

汽車拉桿治具
Jig for automatic pull rod



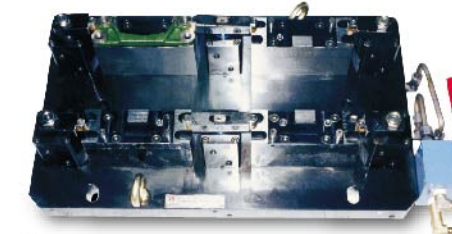
AP-A10

軸向節油壓治具
Hydraulic jig for steering unit machining



AP-A11

汽車中橋殼總成治具
Jig for automatic shell assembly

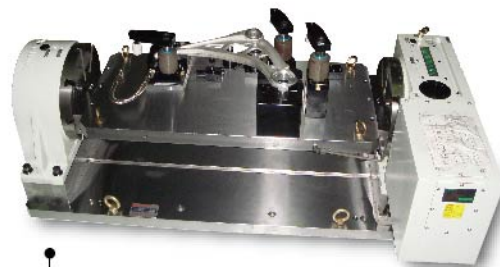
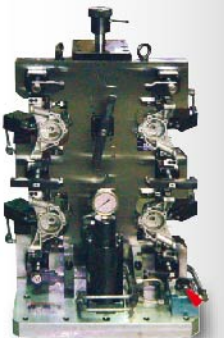


AP-A12

汽車制動器夾箱M/C加工治具
Jig for automotive brake clamp machining

AP-A13

油底殼臥式治具
Horizontal jig for shell



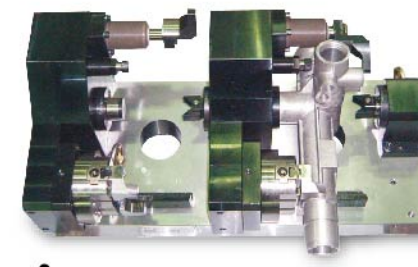
AP-A14

汽車連桿治具
Jig for automotive connecting rod



AP-A15

軸向節四軸油壓治具
Hydraulic jig for steering unit



AP-A16

汽車轉向殼體治具
Jig for automotive steering casing



AP-A17

鋁圈翻轉治具
Jig for aluminum rim turn-over

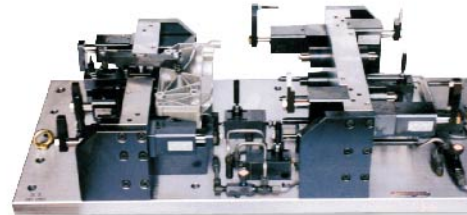


一般切削專用治具

General Cutting Machine

**GC-A01**

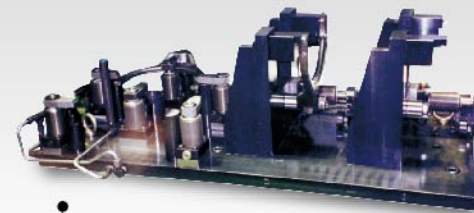
空調壓縮機前支架M/C治具
Jig for air compressor front bracket machining

**GC-A02**

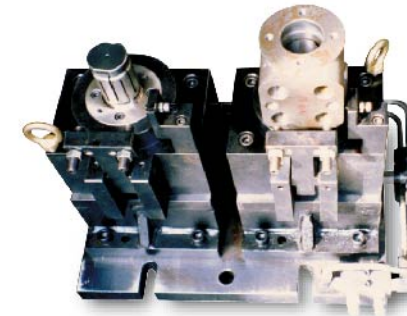
油壓馬達本體加工治具
Jig for hydraulic motor body machining

**GC-A07**

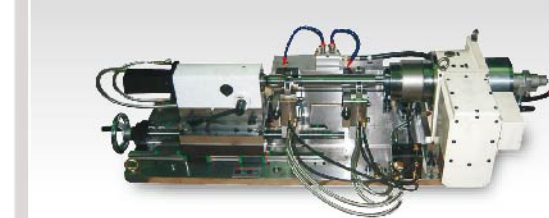
馬達殼治具
Hydraulic jig for gear casing

**GC-A03**

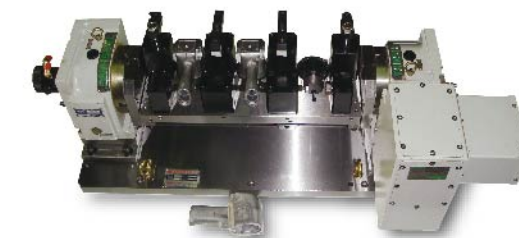
撥插加工治具
Jig for shifting fork machining

**GC-A04**

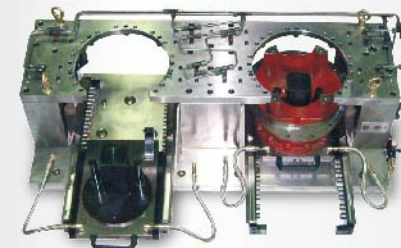
油壓馬達本體筒夾式內孔加工治具
Jig for collet chuck machining for hydraulic motor body

**GC-A05**

軸心四軸治具
HD-084 jig for shaft 4-axis machining

**GC-A06**

氣動把手治具
Jig for air handle

**GC-A08**

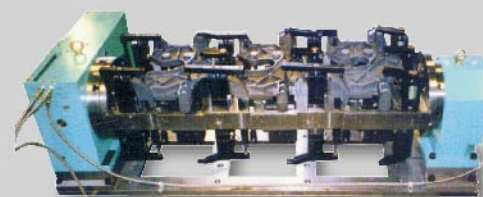
減速機油壓治具
Hydraulic jig for gear reducer

**GC-A09**

木工機底座加工治具
Jig for woodworking machine base machining

GC-A10

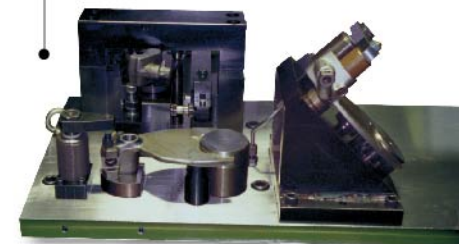
油井鉆頭五軸加工治具
Jig for oil-well drill 5-axis machining

**GC-A11** 木工機本體加工治具

Jig for woodworking machine frame machining

GC-A12

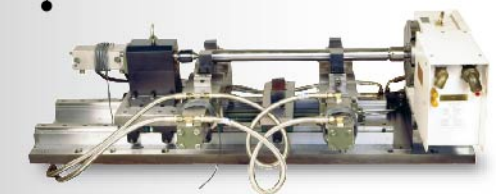
撥插加工治具
Jig for shifting fork machining

**GC-A13**

電動工具車床油壓治具
Hydraulic jig for power tool turning

GC-A14

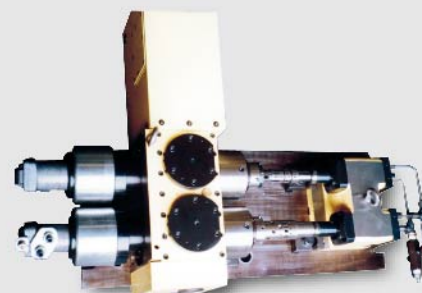
銑鍵加工治具
Jig for keyway milling

**GC-A15**

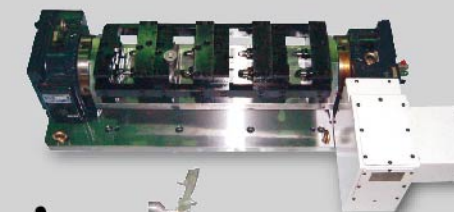
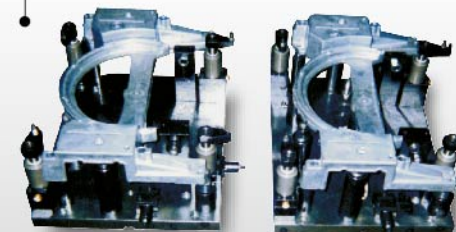
馬達體臥式高壓加工治具
Jig for high pressure machining motor body

**GC-A16**

閥心加工治具
Jig for valve spool machining

**GC-A17** 木工機底座加工治具

Jig for woodworking machine fence assembly machining

**GC-A18**

噴槍槍體四軸治具
Jig for spray gun 4-axis machining



一般切削專用治具

General Cutting Machine



GC-A19

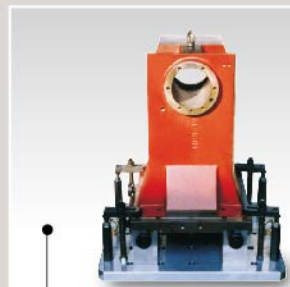
筆電外框治具
-真空吸盤

Jig for notebook
computer frame



GC-A24

制動器臥式治具
Jig for brake
horizontal
machining



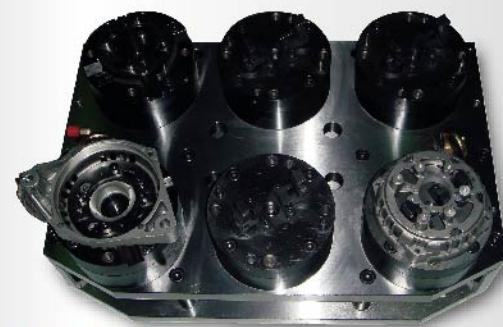
GC-A29

M/C 主軸頭箱體臥式加工治具
MD-035 jig for spindle stock
machining for a
machining center



GC-A30

凡而中板臥式治具
Horizontal jig for valve
middle plate machining



GC-A20

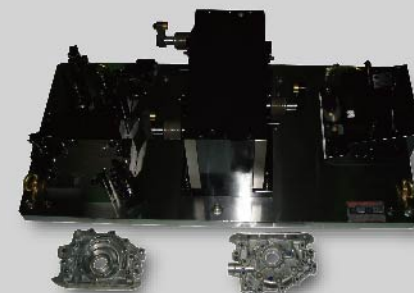
馬達殼治具

Jig for motor shell machining



GC-A25

堆高機整體油壓焊接治具
Jig for forklift welding



GC-A31

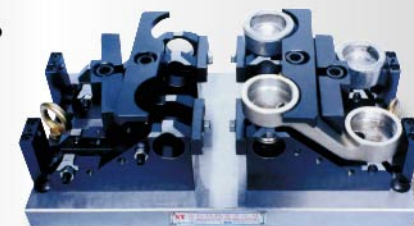
油泵殼治具

Jig for hydraulic pump housing

GC-A34

電子元件M/C加工治具

Jig for electronic parts machining
on a machining center



GC-A26

速機殼治具

Jig for shell
machining



GC-A27

凡而碟片臥式治具

Horizontal jig for
valve disk
machining



GC-A28

方管加工治具

HD-021 jig for
square tube
machining



GC-A32

凡而平面治具

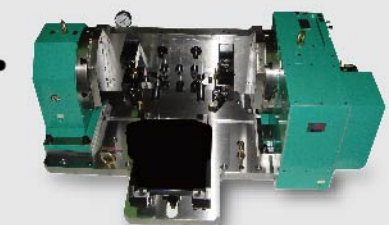
Jig for valve
surface
machining



GC-A33

制動器四軸治具

Jig for brake 4-axis
machining



GC-A36

閥類車床油壓治具

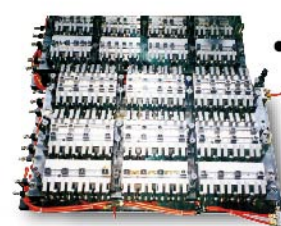
Hydraulic jig for valve turning

GC-A35

醫療器材

加工治具

Jig for medical
instrument
machining



GC-A37

電動車齒輪箱M/C治具

Jig for motorized car gearbox



氣密測試機

Air-Tight Tester

**AT-A01**

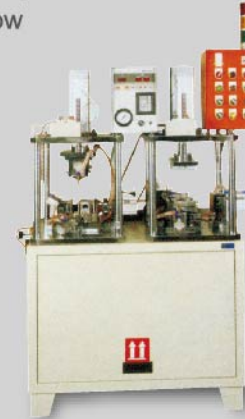
氣密機
Air-tight testing
machine

AT-A02

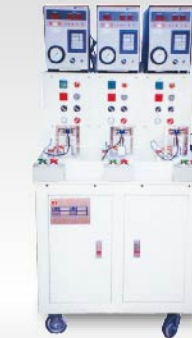
C100, CB125 缸頭閥
門流量氣密測試機
100, CB125 cylinder
head valve flow
air-tight testing
machine

**AT-A03**

C100, CB125 缸頭外漏氣密測試機
C100, CB125 cylinder
head valve flow
testing
machine

**AT-A04**

微形電磁閥氣密測試機
Micro solenoid valve air-tight testing machine

**AT-A06**

CG125 缸頭外
漏氣密測試機
CG125 cylinder
head external
leakage testing
machine

**AT-A07**

CG125汽缸氣密測試機
CG125 cylinder air-tight
testing machine

**AT-A08**

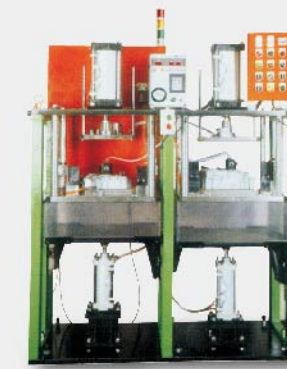
CG125 缸頭閥門流量
測試機
CG125 cylinder head
valve flow testing
machine

**AT-A09**

單槍水龍頭陶瓷心軸
測試機
Single faucet ceramic
shaft tester

AT-A05

CG125 缸頭內漏測試機
CG125 cylinder head
internal leakage testing
machine

**AT-A10**

機車箱體乾濕二用
氣密測試機
Motorcycle body dry/wet
dual purpose air-tight
testing machine

**AT-A11**

浸水式測漏機
Immersed type water
leakage testing machine

AT-A12

C100, CB125左箱乾濕二用氣密機
C100, CB125 left case dry/wet dual
purpose air-tight testing machine

AT-A13

C100, CB125 右箱乾濕二用氣密機
C100, CB125 right case dry/wet dual
purpose air-tight testing machine

氣密測試機

Air-Tight Tester

AT-A14

汽車頭燈氣密機
Automotive headlight
air-tight testing
machine

**AT-A15**

RV3 氣密測試機
RV3 air-tight testing machine

**AT-A16**

汽車安全座椅氣門
氣密測試機
Automotive safety seat air-tight
testing machine

**AT-A17**

化油器氣密測試機
Carburetor air-tight testing machine

**AT-A18**

汽車曲軸封氣密測試機
Automotive crank-shaft seal air-tight
testing machine

**AT-A19**

機車氣門流量測試機
Motorcycle air valve
flow testing machine

**AT-A20**

關門器氣密測試機
Door closing
unit air-tight
testing
machine

**AT-A21**

汽車座門閥門
氣密測試機
Automatic seat door
valve air-tight testing
machine

**AT-A22**

氣密機
Air-tight testing machine

**AT-A23**

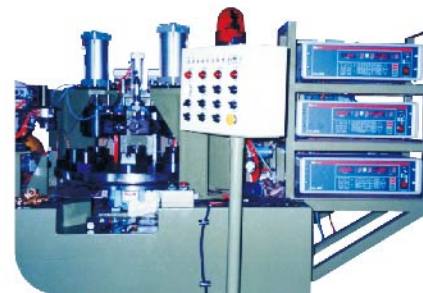
汽車差速器箱殼
氣密測試機
Automotive differential
box air-tight testing
machine

**AT-A24**

安全閥氣密測試機
Safety valve air-tight
testing machine

**AT-A25**

瓦斯筒開關氣密機
Gas drum on/off switch
air-tight testing machine

**AT-A26**

觸媒轉換器氣密測試機
Catalytic converter air-tight
testing machine

**AT-A27**

GY6 缸頭閥門
流量測試機
GY6 cylinder valve
flow testing machine



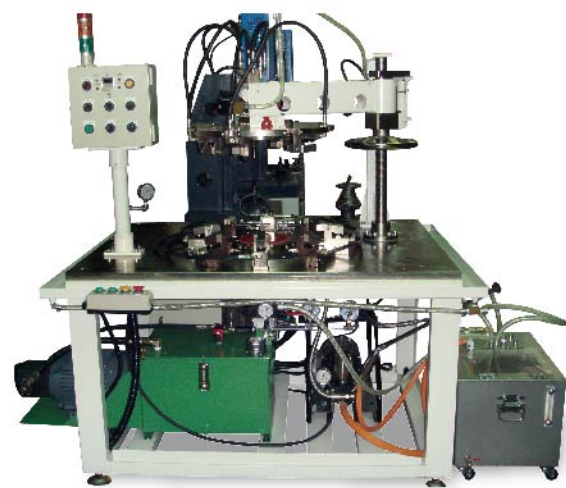
切削專用機

Cutting Machine

CM-A01

凡而水壓測漏機

Water leakage testing machine for valve

**CM-A02**

凡而90°測漏機

90° water leakage testing machine for valve

**CM-A03**

銑面機

Face milling machine

**CM-A04**

腳踏板自動注油裝配機

Foot pedal automatic lubrication assembling machine

**CM-A05**

缸頭滑套導套

壓入機

Cylinder slide buckle / guide bushing press

**CM-A07**

軸承內孔搪孔專用機

Bearing hole boring machine

**CM-A06**

八等分圓盤式

加工專用機

Octad rotary table machine

**CM-A08**

車床專用機

Special-purpose turning lathe

**CM-A09**

90° 雙面銑專用機

90° double-face milling machine

**CM-A10**

七路軸式加工專用機

7-way multi-spindle machine

**CM-A11**

振動式送料外型整圓機

Round trimming machine with vibrating feed

**CM-A12**

雙軸臥式加工專用機

Double-spindle horizontal machining special-purpose machine

**CM-A13**

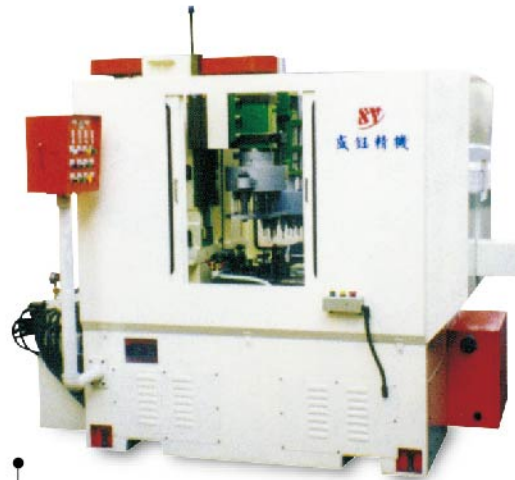
內孔90度刀加工專用機

Internal hole 90° machine



切削專用機

Cutting Machine

**CM-A14**

機車C100引擎左箱鉗、攻專用機
Motorcycle C100 engine left case
drilling tapping machine

CM-A15

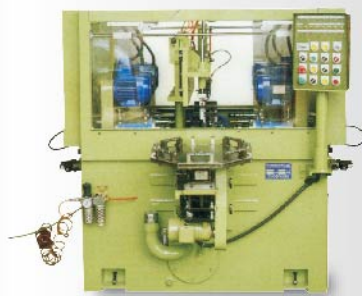
焊道拋光機
Welding path polishing machine

**CM-A16**

機車C100引擎右箱鉗、攻專用機
Motorcycle C100 right case drilling
tapping machine

**CM-A17**

雙連桿襯套壓入機
Double connecting rod
bushing press

**CM-A18**

二側銑鉗攻機械
手臂上下料加工
專用機
2-side milling, drilling,
and tapping robot up
/ down feed machine
tool

**CM-A19**

雙軸鉗孔攻牙
專用機
Double-spindle
drilling tapping
machine

**CM-A20**

瓦斯器材
搪缸專用機
Gas instrument
boring machine

CM-A21

真直度校直機
Straightening
machine

**CM-A22**

機車C100引擎左/右
合箱加工專用機
Motorcycle C100
engine left / right
case jointing
machine

**CM-A23**

卯合機專用機
Shutting machine

**CM-A24**

海綿擦邊機
Sponge edge trimming
machine

**CM-A25**

減速機殼銑面專用機
Gear reducer casing
face milling machine

**CM-A26**

二側銑、鉗、攻自動上、下料專用機
Double-side milling drilling tapping
machine with automatic infeed and
outfeed device

**CM-A27**

油壓壓PIN機
Hydraulic pin making machine



精密檢具

Precision Tester

PT-A01

汽車卡鉗檢具

Automotive clamp tester



PT-A04

曲軸箱單面孔位檢具

Crank-shaft case single-side hole position tester



PT-A03

汽缸頭孔位及端面深度孔檢具

Cylinder head hole position and end surface hole depth tester

PT-A05

曲軸箱蓋孔位檢具

Crank case cover hole position tester



PT-A06

SEAT 深度量表式檢具

SEAT depth tester with dial gauge



PT-A07

CAW 直徑比測量具

CAW diameter ratio measuring device



PT-A08

支架位置比測檢具

Bracket position measuring device

PT-A02

曲軸箱單面孔位檢具

Crank-shaft case single-side hole position tester



標準型四爪單動夾頭

(Steel body)

(重切削 HEAVY DUTY)



固定爪式

4個一組，含附屬品

Fixed jaw

Set of 4 pieces.

Accessories included.



油壓煞車器

Hydraulic Applied Spring Release

型式 Model:
SY-140H, SY-200H,
SY-300H, SY-450H

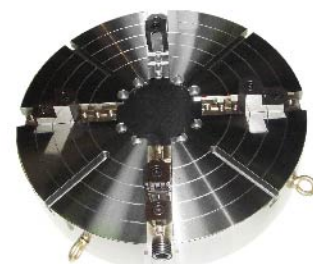


強力型四爪單動夾頭

(Steel body)

(立式用 FOR VERTICAL TYPE)

(防塵裝置 DUST PROOF)



活動爪式

4個一組，含附屬品

Movable jaw

Set of 4 pieces.

Accessories included.



型式 Model:
SY-401H,
SY-501H



型式 Model:
SY-5020



夾治具空壓及油壓 旋轉夾持缸

Clamping Tool Pneumatic and Hydraulic Type Rotary Clamping Cylinder



應用範例

Examples of Application

