



Pang Chang

邦 昌 金 屬

[HTTP://WWW.PANG-CHANG.COM.TW/](http://www.pang-chang.com.tw/)



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COMPANY PROFILE 公司簡介

- **Location 公司據點:** Taichung city, Taiwan 台灣台中
- **Year Established 設立時間:** 1985
- **Employees 員工數:** About 90 (約90名)
- **Capacity 產能:**
 - FAC. I & II \approx 4,500,000 pcs/month(月)
 - FAC. I & II \approx 500 tons(噸)/month(月)
 - Yunlin FAC. is expected to have 2.5millions in 2024
雲林廠2024預計產能達250萬PCS，會陸續增加機台提高產能
- **Factory 工廠:**
 - Factory I established in 1985年 一廠設立
 - Factory II established in 1992年 二廠設立
 - Yunlin Factory established in 2023年 雲林廠





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COMPANY PROFILE 公司簡介

- **Certification 認證:** ISO9001, IATF16949
- **Main product 生產產品:** cold forged-part in various segments: bicycle, e-bike, motorcycle, automobile, industrial machine, tools parts and others components.

各個領域的冷鍛零件：自行車、電動自行車、摩托車、汽車、工具機零件、工具零件、五金零件、電裝品和其他部件等。





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CERTIFICATION 認證



Certificate of Registration

This certificate has been awarded to

PANG CHANG METALS CO., LTD.

No.922, Tung Ping Road, Taiping District, Taichung City, 41141, Taiwan

In recognition of the organization's Quality Management System which complies with

ISO 9001:2015

The scope of activities covered by this certificate is defined below

Manufacturing of Metal and Aluminium Alloy Cold Forging Parts for bicycles, Motorcycles, Automobiles, Hardware, Machinery.

Certificate Number:

106254/IN/0001/UK/En

Issue No:

1

Date of Issue: (Original)

12 August 2019

Expiry Date:

11 August 2022

Date of Issue:

12 August 2019

Issued by:

On behalf of the Schemes Manager



ISO 9001 : 2015



Certificate of Registration

This certificate has been awarded to

PANG CHANG METALS CO., LTD.

No.922, Tung Ping Road, Taiping District, Taichung City, 41141, Taiwan

In recognition of the organization's Quality Management System which complies with

IATF 16949:2016

The scope of activities covered by this certificate is defined below

Manufacturing of Metal Cold Forging Parts for Engine Parts and Electric Device Parts.(Excludes Product Design under Clause 8.3)

Certificate Number:

106254/IB/0001/SM/En

Issue No:

1

Date of Issue of Certification Cycle:

21 August 2019

Expiry Date:

20 August 2022

IATF No:

0356340

Issued by:

On behalf of the Schemes Manager



IATF 16949 : 2016



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FACTORY 一廠

1ST



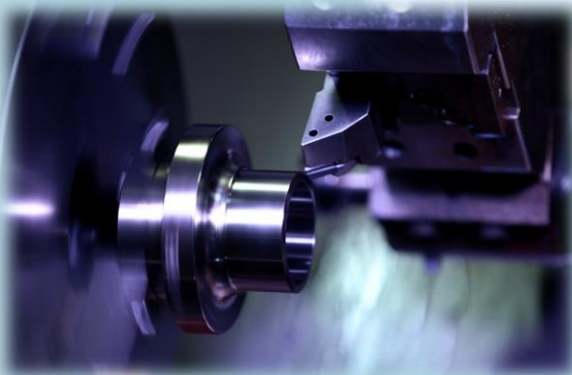
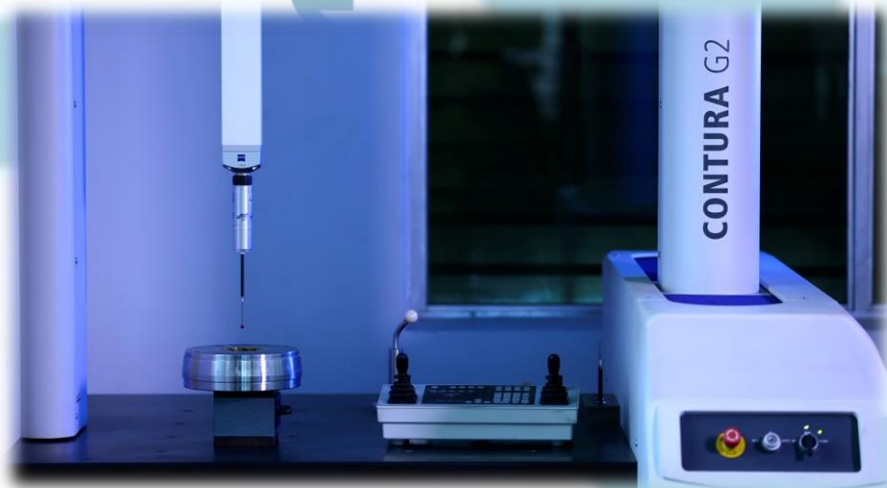


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FACTORY

2ND 二廠





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YUNLIN 雲林廠
FACTORY





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Main products 主要產品

BICYCLE PARTS 自行車零件



MOTORCYCLE PARTS 機車零件



AUTO PARTS 汽車零件



ALUMINUM ALLOY

鋁合金鍛件



TOOL PARTS 工具機零件



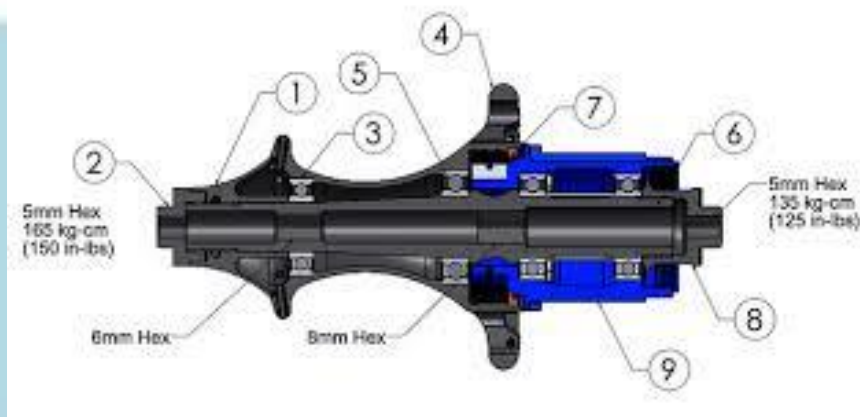
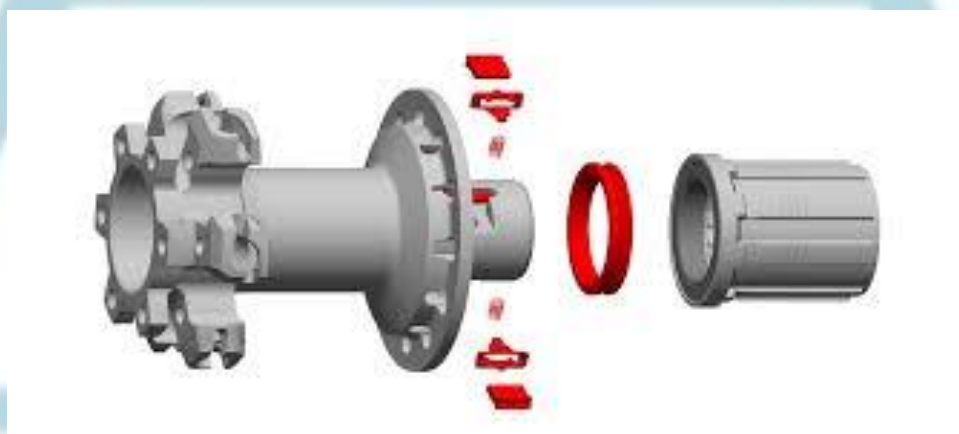


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BICYCLE PARTS - FREEHUB BODY

自行車零件-套筒



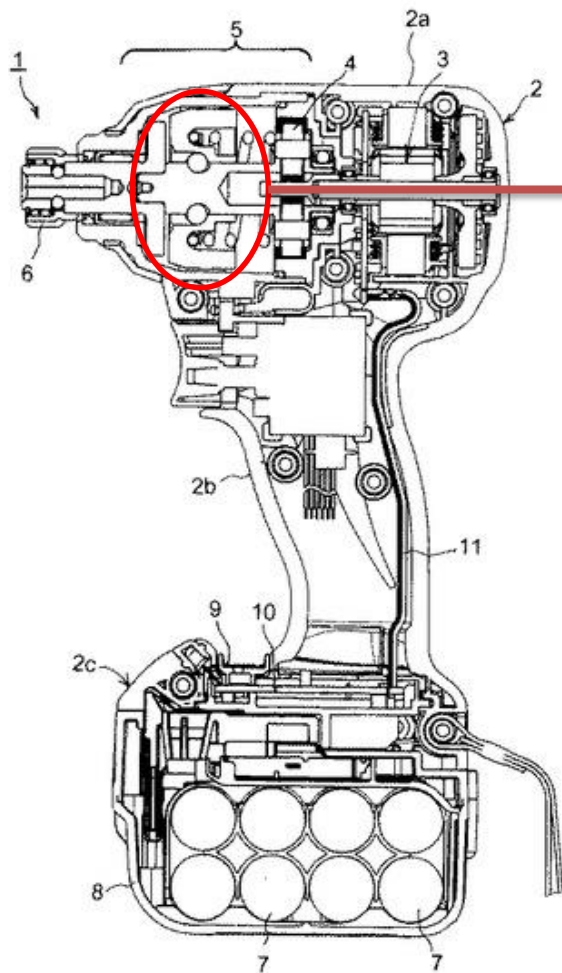


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IMPACT TOOL PARTS - HAMMER

電動工具零件-錘擊塊





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ELECTRIC TOOL PARTS - DRILL CHUCK

電動工具零件-鑽夾頭





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主要材質

Main forging materials

Supplier for : China Steel, Wei Shin, Tso Long

材料供應商：中鋼、維新、澤龍

低碳鋼

Low carbon steel

06C~18C

中碳鋼

Medium carbon steel

35C~45C

合金鋼

Alloy steel

SCM415、420、
435、440

鋁合金

Aluminum alloy

2024、6061、
7075...



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PRODUCT DEVELOPMENT PROCESS

開發流程



PROJECT
DESIGN

工程安排



DIE DESIGN
AND
MANUFACTURE

模具設計與
製造



COLD FORGING

冷間鍛造



QUALITY
INSPECTION

品質檢測



DELIVERY

出貨



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EQUIPMENT 生產設備

Cold Forging Press 冷鍛沖床

800ton	1	160ton	2
650ton	4	110ton	6
600ton	2	75ton	1
400ton	26	60ton	1
260ton	3	40ton	1
200ton	2	35ton	2

Cold Forging Press(Multi-process type)冷鍛沖床(連續模)

800ton	1	650ton	2	400ton	1
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Circular Saw Cutting Machine 下料機

200ton	5	250ton	1
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SURFACE AND HEAT TREATMENT EQUIPMENTS

The spheroidizing furnace 球化爐 10t	6
Annealing furnace 退火爐 5t	5
Annealing furnace 退火爐 2t	1
Annealing furnace 退火爐 1t	7
Annealing furnace for aluminum 鋁合金專用退火爐	2
Shot Blasting Machine 噴砂機	2
Surface Treatment Machine 自動表面處理機	3
Surface Treatment Machine for aluminum 鋁合金表面處理機	1

退火 & 表面
處理設備

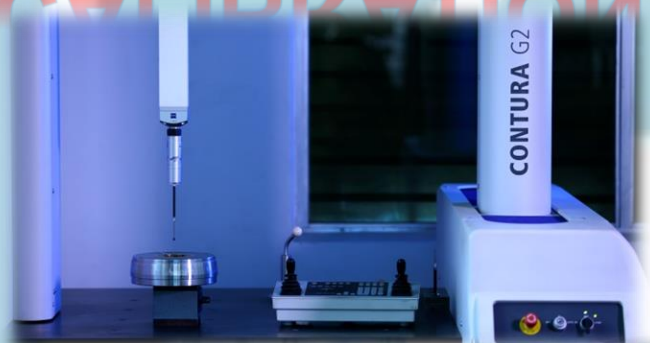




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CALIBRATION INSTRUMENT 檢測設備



- ✓ 3 Dimensional Measuring Machine
三次元量床
- ✓ Profilometer 輪廓儀
- ✓ Automatic Metallographic
金相比對儀
- ✓ Mounting Press 鑲埋機
- ✓ Rockwell hardness Metallographic
洛氏硬度機
- ✓ Height gauge 高度規
- ✓ Micrometer 內外徑分厘卡
- ✓ Caliper scale 一般卡尺

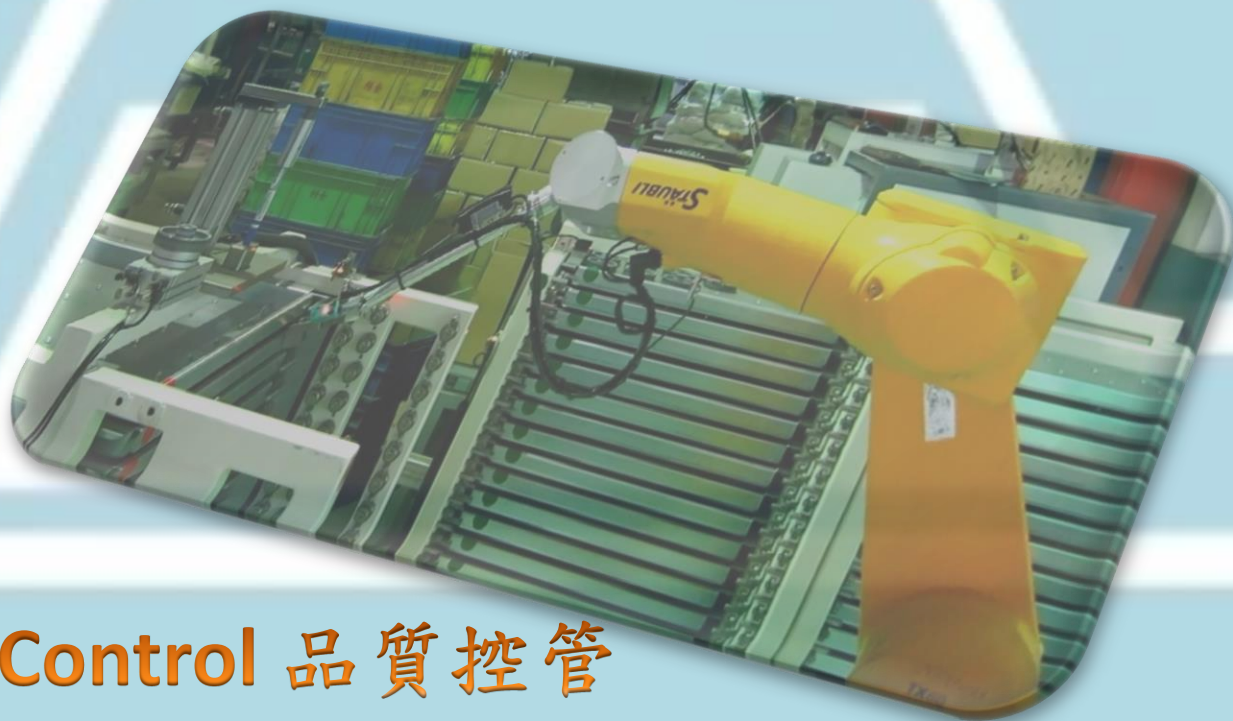




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QUALITY INSPECTION 品質檢測



Quality Control 品質控管

◆ 24 hs inspection time by robotic arm tool, reducing task time through agile movements

導入機械手臂，24小時迅速自動檢測，提高自動化比率



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**THANK YOU
FOR YOUR
ATTENTION**

感謝您的關注

