



PALMARY MACHINERY CO., LTD.

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### From our President

Our company was named PALMARY which stands for:

- · Excellent, Outstanding.
- The most important, the highest value.

The PALMARY team concentrate on the following work since established:

- Products make with high accuracy & always keep improving quality.
   Our grinding machines equip with fine accessories, with good appearance, have widely model range, which make us different from other Taiwanese same product makers.
- Carry out the "TQM (Total Quality Management)" policy.
- Execute education of "Lean Production" rule. Focus on details and concentrate on data basis experiment. Ask employee to take the responsibility for increasing efficiency and decreasing waste, these concepts are "lean production" rule.

Work with our Core Value "Honesty, Innovation, Quality, Service, Lean production, Teamwork" & carry through business concepts, inherit the inherent craft technique, develop high technical ability, and devote to employees training project.

Therefore, Palmary could provide all kinds of service with well trained employees. Take "Honesty" as the foundation, from the machine suggested, the sample trial grinding, marketing and after-sales service, is all supported by PALMARY team.

Insist on sustainable development of management strategy is our vision. We will keep improving with great effort to achive the target "being the world top-grade grinding machine manufacturer".

President













# PAL NRY®

## Business

As a professional manufacturer of Grinding Machine, Palmary Machinery Co., Ltd. produce a wide range of Centerless Grinding Machine, Cylindrical Grinding Machine and Internal Grinding Machine in CNC, NC and Hydraulic versions since 1998.

Palmary constantly provide professional technical support and customized grinding solutions to meet customers increasing demands for high accuracy.

## Company

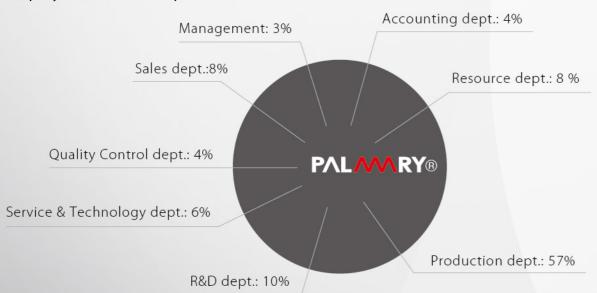
Established in June, 1998

Capital: USD 4,700,000

Factory space: 12,000 sq. meters

Employees: 160

### Employees for each dept.





- Developed CNC Cylindrical Grinder Ultra Precision type.
- **Developed CNC Centerless** Grinder Single-Support type.
- Developed CNC Cylindrical Grinder Multi-spindle Wheelheads type.
- Ol Developed Internal Grinder 2NC type.

# 2013

- Developed CNC Centerless Grinder PCB-14-4 w/Auto Loading/Unloading device (for tap application).
- Developed CNC Internal Grinder Double Spindles type w/Diamond Roller Dresser and Auto Loading/Unloading device.
- Developed CNC Vertical Grinder VIG-120 big type.

- Developed CNC Cylindrical Grinder Angular type.
- Developed CNC Centerless Grinder Bearing
- Double-Support type.

# 2008

2012

04 Developed CNC Cylindrical Grinder

10 Capital increased to USD 4,700,000.

- Developed CNC Vertical Grinder VIG-80
- Developed CNC Cylindrical Grinder Heavy Duty type.
- Developed CNC Centerless Grinder 01 Bearing type.

- 08 Capital increased to USD 2,900,000.
- 07 Moved to Dali Industry Area new factory of 10,000 sq. meters.
- 04 Developed CNC Internal Grinder Double Spindles type.
- Ol Developed CNC Cylindrical Grinder Angular type.

Developed CNC Vertical Grinder VIG-20 small

# 2005

Developed CNC Cylindrical Grinder Angular (Plunge grinding) type

Developed CNC Internal

# 2003

- Acquired the ISO9001
- certificate.
- Developed Internal Grinder NC type.

Developed CNC Cylindrical Grinder & CNC

# Centerless Grinder.

- Acquired the CE safety Certificate for Cylindrical Grinder.
- Developed Centerless Grinder PC-S economic servomotor type.

# 1999

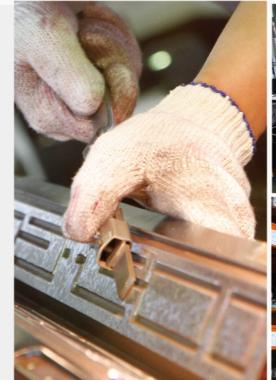
- Developed Cylindrical Grinder manual type.
- Acquired the ISO9002 certificate
- Renamed to be PALMARY MACHINERY CO., LTD. Capital increased to USD 1,200,000.

Developed Centerless Grinder PC-S servomotor type.

- 09 Acquired the CE safety Certificate for Centerless Grinder.
- O8 Centerless Grinder Manual model PC-12 & PC-18 were in production.
- The company was founded in Taichung with capital USD 540,000.
- Palmary was founded in Taichung with capital USD 540,000.



# PRECISION PERFECTIVE EXCELLENT Palamary®







## **DESIGN & DEVELOPMENT**

Our main aim and foundation of establishing our R & D is to meet rapidly changing Market Demands. Optimized space and ergonomic and environment-friendly are also in our consideration in design.

Customer's most concern about Production Efficiency has always been our top subject in design. We analyze from every aspect to satisfy customers various requirements.

In order to enhance the precision & efficiency in design and explore our designer's expertise, our every designer is skilled in CAD/3D.

## PRODUCTION & QUALITY CONTROL

Dedication on hand-scraping skill generates remarkable flatness not only on moving slides but also on fundamental surfaces.

Even the contact areas of assembled parts are also hand-scrapped. Such flatness can't be achieved from machining process.

Our Q.C. Room is consisted of various advanced high precision quality control facilities to ensure product quality. Consistent inspection on all facilities to furnish the most accurate inspection tools to assist production team to produce the highest quality machines.

### HIGH STANDARD QUALITY CONTROL

To gain confidence from worldwide customers and to add product value, we carry out in house a thorough Geometrical & Dimensional Inspection on every machine.















## SALES & AFTER-SALES SERVICES

INTERNATIONAL CERTIFICATES

### Sales Network All Over the World



Applying all kinds of grinding KNOW-HOW to provide customized grinding solutions. Furnishing customers latest grinding technology and ensure best quality machine and on time delivery. We also provide operator training and trial grinding of customers samples.

### SERVICES

More than 20 well-trained Service Engineers provide promptest after sales services and backup support to customers not only in Taiwan but also overseas. We also provide most efficient technical support and application support to agents all over the world.



Over the years of strictest quality control, Palmary has been awarded with CE Certificates and ISO 9001:2000.









## Centerless Grinder - Economic type PC-12/18/1810/20

Standard grinding range (Dia.) Grinding wheel (O.D. x width) Regulating wheel (O.D. x width)

ø1~40mm/ø1~80mm ø305~510x150~255mm ø205~305x150~255mm



Standard grinding range (Dia.) Grinding wheel (O.D. x width) Regulating wheel (O.D. x width) ø1~40mm/ø1~80mm/ø1~100mm ø305~610x150~305mm

ø205~330x150~305mm





# Centerless Grinder - NC type PC-12/18/1810/1812/20/24/2410/2412S-NC

Standard grinding range (Dia.) Grinding wheel (O.D. x width) Regulating wheel (O.D. x width) ø1~40mm/ø1~80mm/ø1~100mm

ø305~610x105~305mm

ø205~330x105~305mm



## Centerless Grinder -**New Economic Servomotor type** GC-4520/4525/5020/5025/6020/6025/6030

Standard grinding range (Dia.) ø1~80/ø1~100mm Grinding wheel (O.D. x width) Regulating wheel (O.D. x width)

ø455~610x205~305mm ø255~330x205~305mm

## Centerless Grinder - CNC type FCL-12/18/1810/1812/20/24/2410/2412

Standard grinding range (Dia.) Grinding wheel (O.D. x width) Regulating wheel (O.D. x width) ø1~40/φ1~80mm/ø1~100mm ø305~610x150~305mm ø205~330x150~305mm





# Centerless Grinder - CNC Bearing type PCB-6030/6040/6050/6060

Standard grinding range (Dia.) Grinding wheel (O.D. x width) Regulating wheel (O.D. x width)

ø1~150mm ø610x305~610mm ø355~405x305~610mm







# Cylindrical Grinder - Economic type GU20x40S, 32[42]x60/100/150/200S

ø200/320/420mm Swivel over table

400/600/1000/1500/2000mm Distance between centers

Grinding wheel (O.D. x width) ø305~405x38~75mm

# Cylindrical Grinder - NC type GU20x40NC, 32[42]x60/100/150/200NC

Swivel over table Distance between centers ø200/320/420mm

400/600/1000/1500/2000mm

Grinding wheel (O.D. x width) ø305~405x38~75mm





# Cylindrical Grinder - CNC type OCD-2025/2040, 32[42]40/60/100/150/200

Swivel over table ø200/320/420mm

250/400/600/1000/1500/2000mm Distance between centers

ø355~405x38~75mm Grinding wheel (O.D. x width)



## Cylindrical Grinder - CNC Angular type OCD-3235A/3265A, OCA-3235/3265

Swivel over table

ø320mm

Distance between centers

350/650mm

Grinding wheel (O.D. x width)



## Cylindrical Grinder -CNC Angular (Plunge grinding) type OCD-2020P/3220P/3240P/3280P/32130P

Swivel over table

ø200/320mm

Distance between centers

200/400/800/1300mm

ø355~510x50~75mm Grinding wheel (O.D. x width)



## Cylindrical Grinder - CNC CAM type OCD-3240CAM/3260CAM/32100CAM

Swivel over table

ø320mm

400/600/1000mm Distance between centers

ø355x50x127mm Grinding wheel (O.D. x width)





# PALAMRY® PRODUCTION





Grinding capacity Ø6~150mm

Max. workpiece length 150mm

inside chuck guard swivel ø280mm





# Internal Grinder - CNC one spindle type OIG-150

Grinding capacity Ø6~150mm

Max. workpiece length 150mm

inside chuck guard swivel Ø280mm



# Internal Grinder - CNC double spindles type OIG-200/200DS

Internal grinding capacity Ø6~200mm

External grinding capacity Ø10~250mm

Max. workpiece length 200mm





# Vertical Grinder - CNC small type VIG-2015/2015E

Internal grinding capacity
External grinding capacity
Max. workpiece length

ø14~200mm Max. ø200mm 150mm

# Vertical Grinder - CNC type VIG-8050

Internal grinding capacity

External grinding capacity

Max. workpiece length

ø70~700mm Max. ø700mm 500mm





# Surface Grinder - Manual & NC type PSG-1545/2045/2550/3060/4080/50100/60150/70200

Working surface of table
Table speed

150x450mm~700x2000mm manual/5~25m/min