



Company introduction

Devoted to supply green energy solutions and high efficiency idea, with comprehensive products ranges.

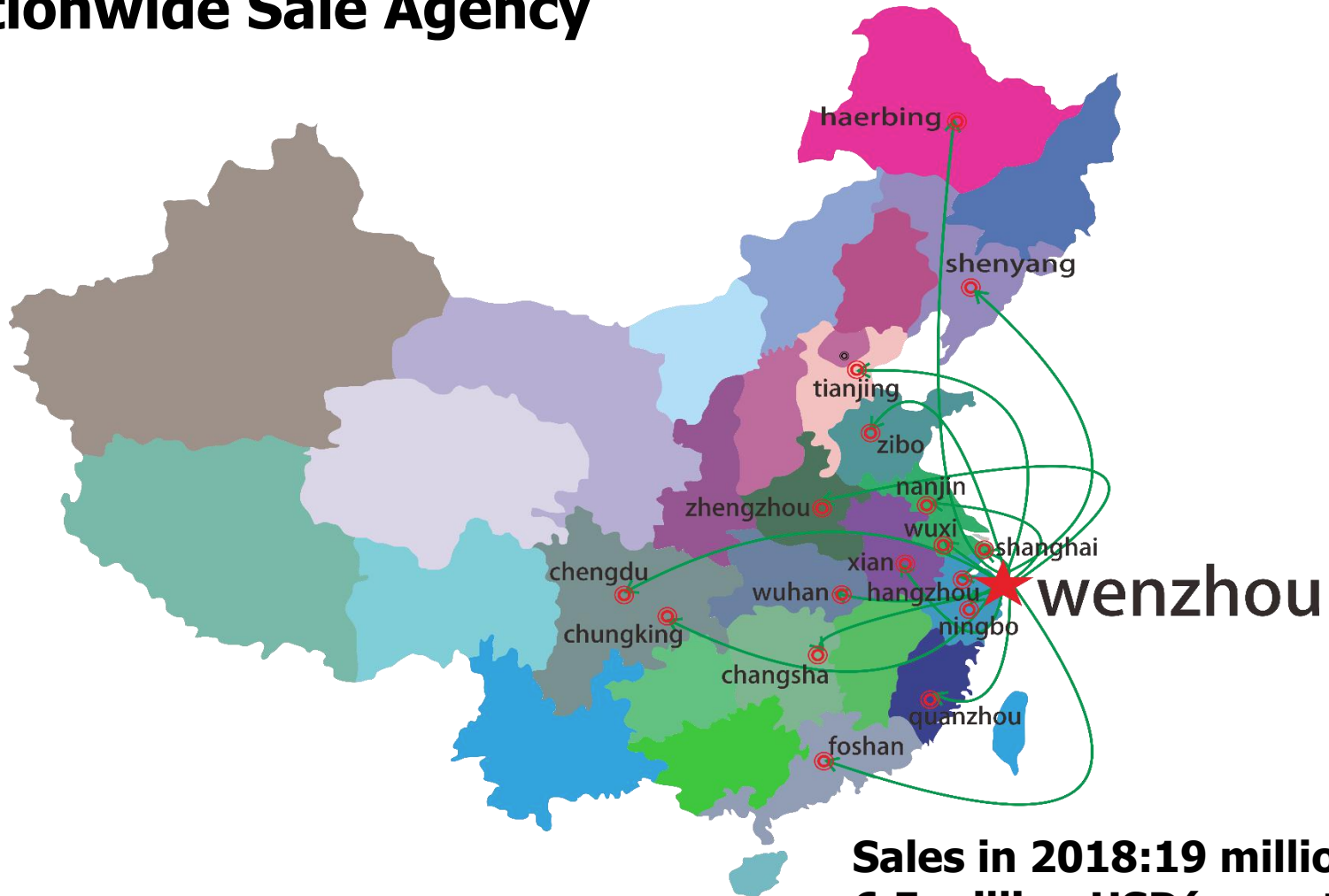
Founded in Year 1995

- An domestic and export oriented manufacturer
-Domestic: 70%, Export:30%
- Experience in gearbox making over 24 years.

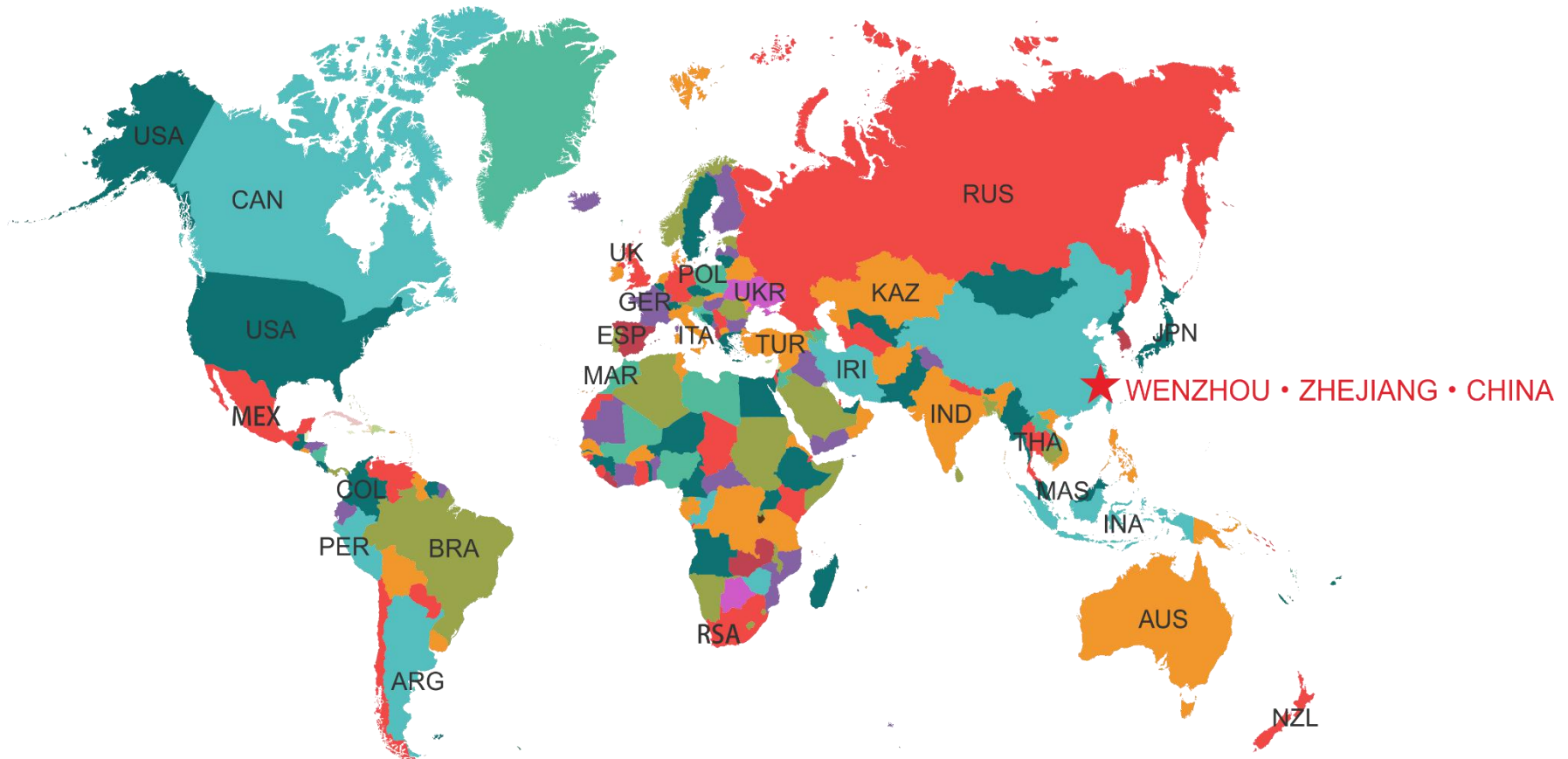
FORGE AHEAD
KEEPING INNOVATION
QUALITY FIRST, CREDIT PRINCIPLE



Nationwide Sale Agency



Our products are exported to 54 Countries



**Sales in 2018:19 million USD
6.5 million USD(export)**

Main product RV SERIES



Main product WK/WS/WF/WR SERIES



Main product WAH HYPOID SERIES



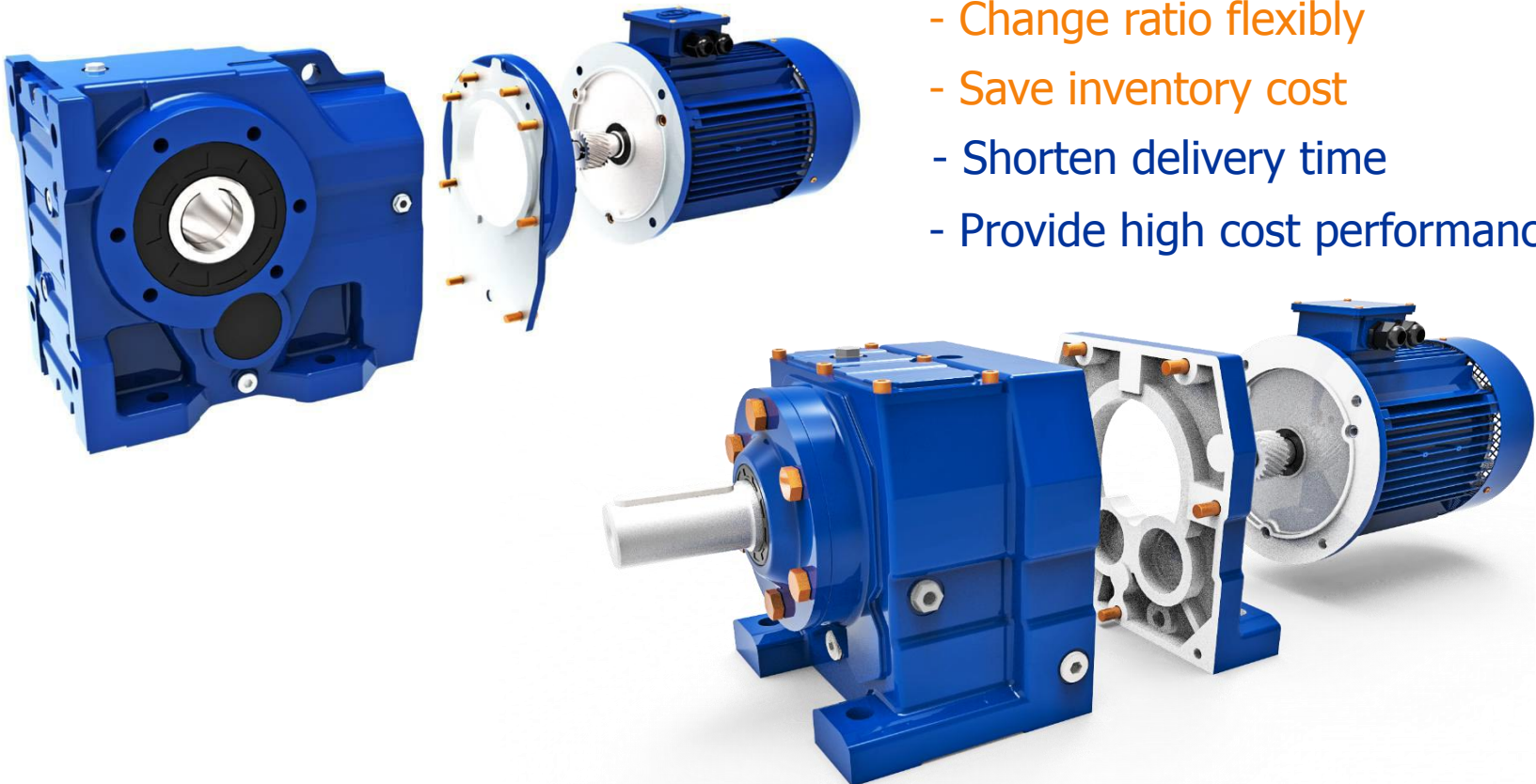
PC、MB/MBN、WB/WH、CYCLOIDAL SERIES



MODULAR SERIES

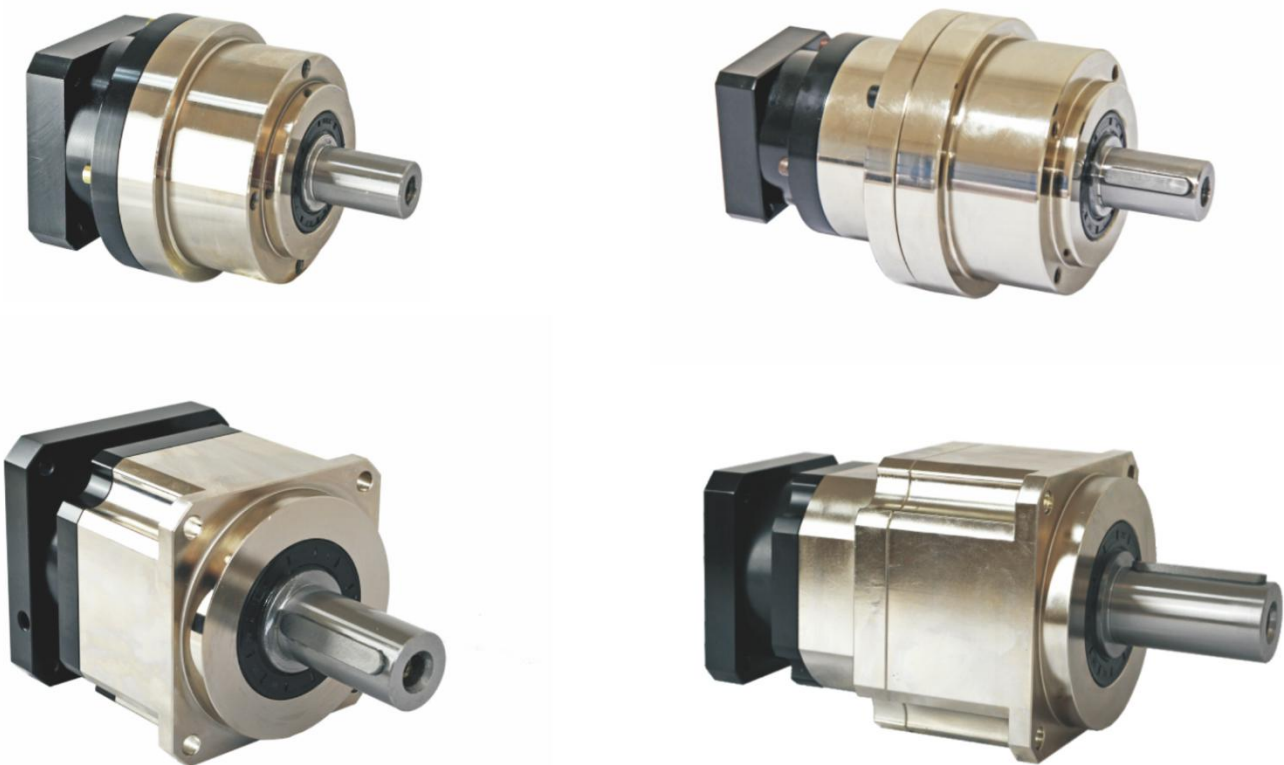
RESEARCH AND DEVELOP FOR OVERSEAS MARKETS

- Change ratio flexibly
- Save inventory cost
- Shorten delivery time
- Provide high cost performance



WEP/WFP Planetary Series

2016 NEW PRODUCT



Precision Level: Min to 3 Arcmin

WEP/WFP PLANETARY SERIES



Precision Level: Min to 3 Arcmin

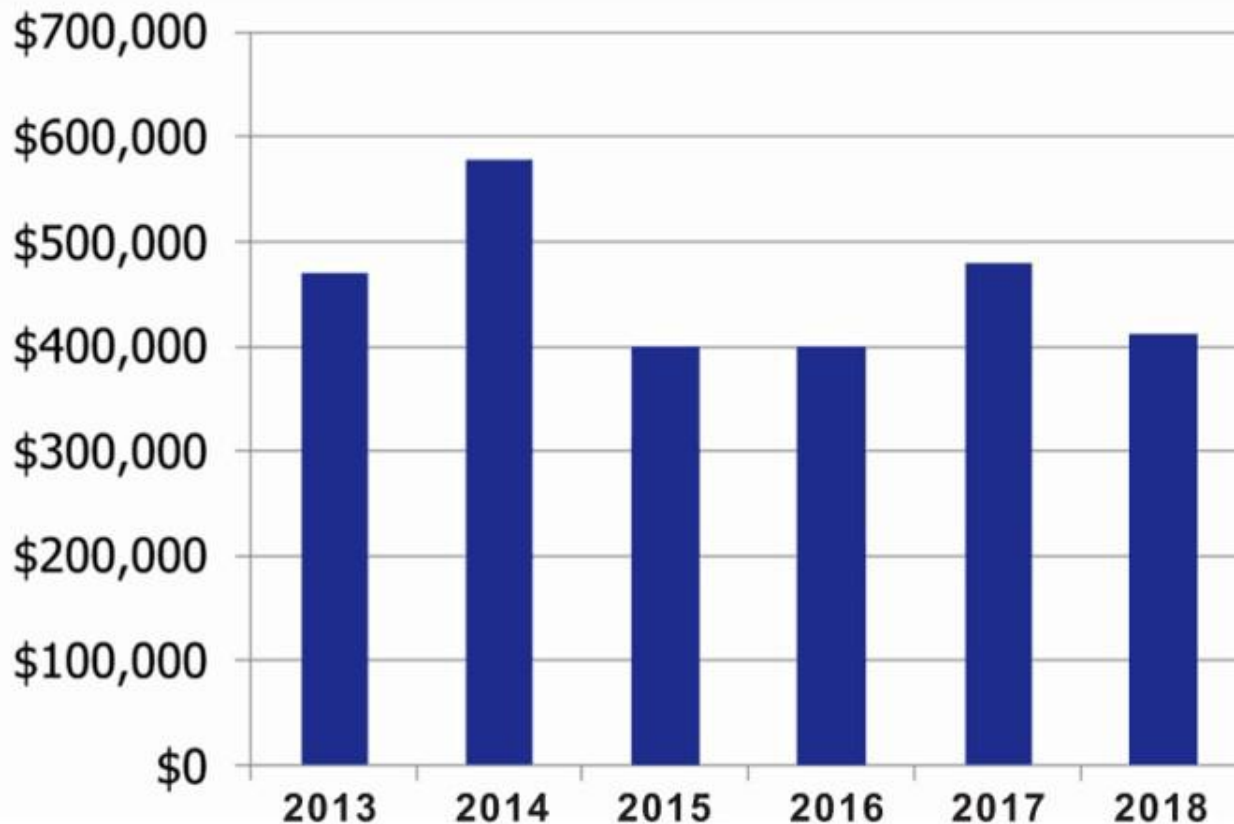
Organized Workshop



Our Equipment

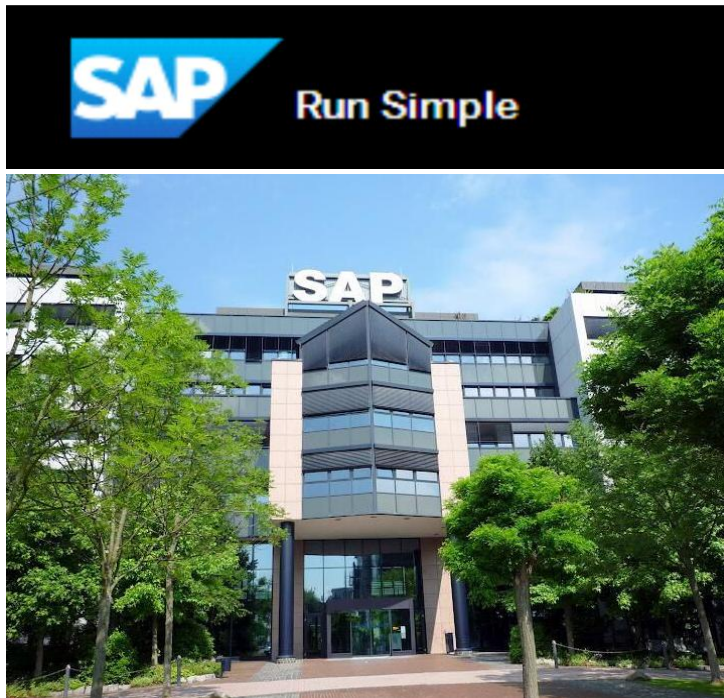
MACHINE	QUANTITY (PCS)
CNC LATHE MACHINE	24
COMMON LATHE MACHINE	6
HORIZONTAL & VERTICAL MACHINING CENTERS	9
CNC HOBGING MACHINE	4
COMMON HOBGING MACHINE	6
CNC GRINDING MACHINE	4
GRINDING MACHINE	16
BEVEL GEAR HOB SHARPENING EQUIPMENT	8
Drilling Machine	18
MILLING MACHINE	9

NEW EQUIPMENT INVESTMENT: 2.7 million USD

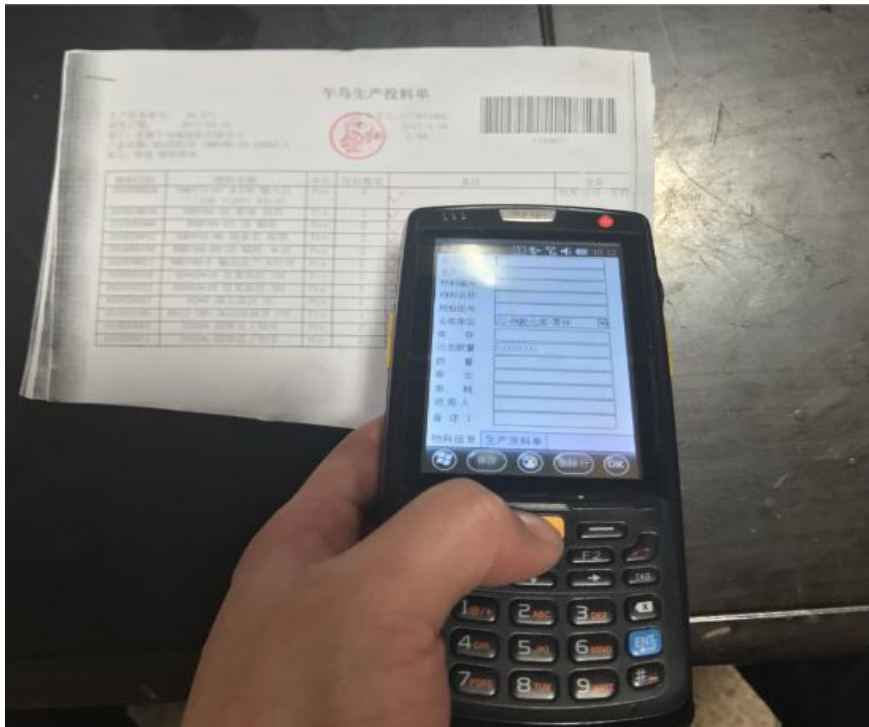


Advanced ERP system:

- **SAP B1** advanced production management software from **Germany**



SAP B1 + Bar code management



Talent Training

- Go out : Give our employees the chance to go out for further study.
- Come in : Engage enterprise management consultant to guide our managers.

VMTA 健峰企管集团

浙江午马减速机有限公司



生产管理顾问辅导
计划书

健峰企管集团 提案



TECHNICAL SUPPORT

HOW TO ASSEMBLE THE MODULAR GEARBOX

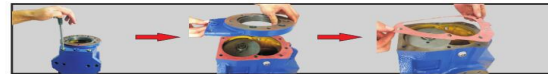
Assembly instruction



The assembly process:

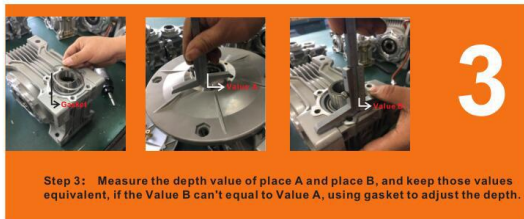
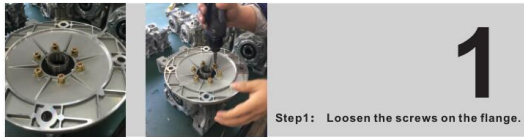


Step1: Using spanner(size:16) disassemble input flange, take down the Sealing paper pad.



Step 2: Using Allen key(8mm) disassemble front cover, take down the Sealing paper pad.

The assembly process: Replace the flange



Assembly instruction



Step 3: Using the circlip plier to uninstall the shaft circlip on the second-stage gear shaft.

Step 4: Mounting the "fixture" above the first-stage big gear, M8*1.5 screw for the side hole to fix the tool with gear tightly, and fix a crew on the housing. Afterward, fix the M16*1.5 screw on the centre hole, tighten it slowly, the gear will come out.

Step 5: Manully fit a new first-stage big gear and key on the shaft, fit the shaft circlip.



Step 6: Manully fit the first-stage shaft gear on the shaft of motor or the shaft on the input flange.

Step 7: Degrease carefully the surface of the housing (Output side) and of the surface of front cover (Input), put on he Sealing paper pad then using the M8*1.5 screws to assemble the front cover on the gearbox.

Step 8: Degrease carefully the surface of the front cover, this side need to couple with motor, put on he Sealing paper pad, then using the screws to assemble the motor on the gearbox.

Step 9: Tightness test: optionA, fill with oil, and running it two houres to see if it have oil leakage. Option B, perform pneumatic tightness test.

Step 10: Fill with oil according to quantity listed.

HOW TO REPLACE THE FLANGE

Excellent Certificate



ATEX/CE



ISO9000

CNC Gear Grinding Machine



Advanced machining center (LG MAZAK)



High Precision Machine



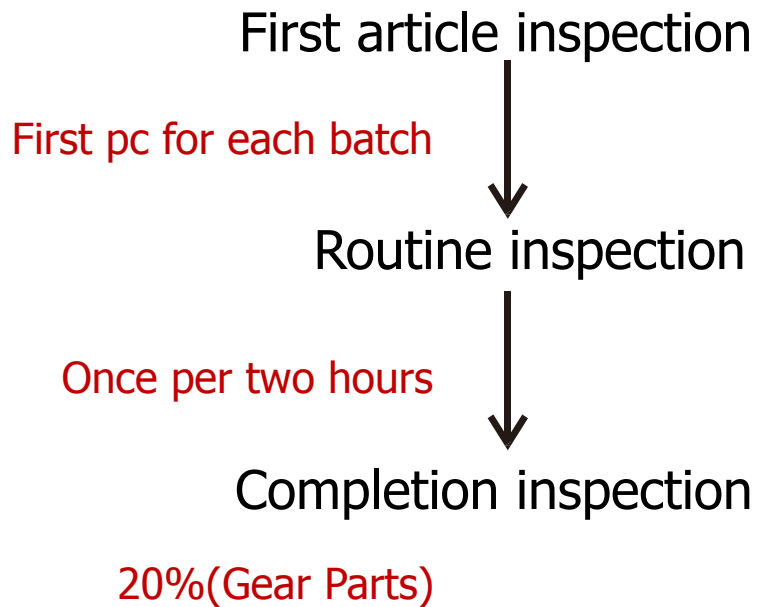
High Speed CNC Machine



Professional Test Lab



Strictly Inspection Process



Traceable inspection record

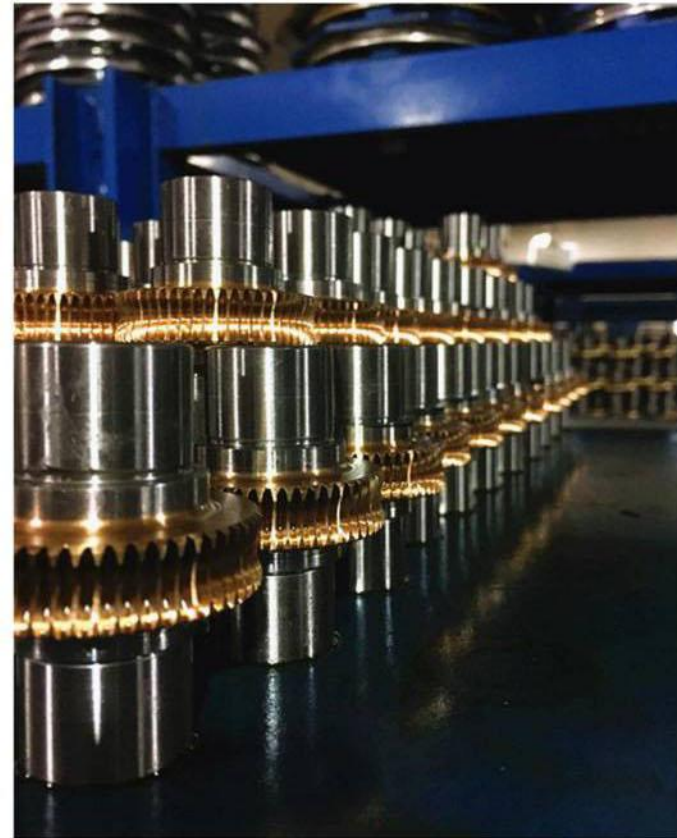
PRODUCTION



PRODUCTION



involute worm shaft



Tin bronze worm wheel

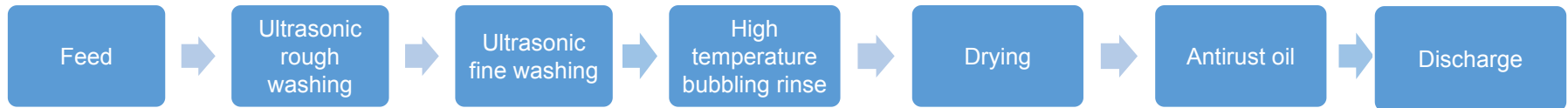
CLEANING ALL SPARE PARTS BEFORE ASSEMBLY



Ultrasonic cleaning machine

Ultrasonic cleaning machine

STEP:



- Mitsubishi PLC controller controls the whole operation process
- Use ultrasonic signal above 28KHz, quickly clean dirt on surfaces and gaps
- After clearing, spares can be keep long time in stock without rust

Semi-automatic Assembly Line for Worm Gearbox

Make Assembly Each Parts More Accurately



For Helical Gearbox In Batch Production



Air-tightness Testing



100% running test



Each for **2** hours

Temperature Control



Temperature rise should be between **25~30°C**.

Loading Test Lab



Provide Efficiency
Test Report

PACKAGE



Shrink package to avoid the wet rusting

PACKAGE

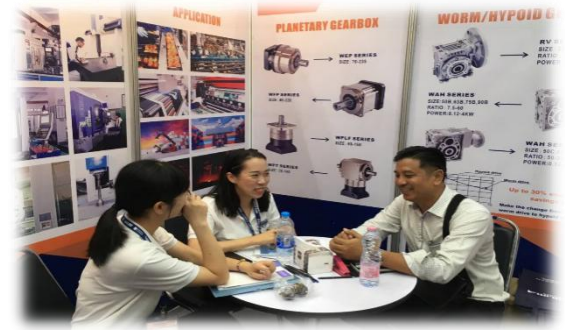


Honeycomb box



Wooden box

Active in Exhibition



WUMA's Mission

Never stop Improving

