

SMEC Enterprise Development(Shanghai)Co., Ltd.

思麦柯 SMEC *A company a better future and dreams*

有梦想有未来的公司

SMEC

SMEC Introduction

SMEC Enterprise Development (Shanghai) Co., Ltd. (SMEC Shanghai) is registered in Shanghai Free Trade Zone with registered capital of CNY10,800,000. The company is specialized in sales of machine tools, mechanical and automatic equipment, components and spare parts, tooling, fixtures, and turn key industrial services including plant relocation, machine retooling, overhauling, retrofitting etc.

As the general agent in China of Samsung Machine Tools Engineering Company, SMEC Shanghai is in sole charge of the marketing, distribution, technical support and after sales service of SMEC's machine tools and robots in China. SMEC is also the exclusive partner of SCHIESS for the maintenance and spare parts of SCHIESS machine tools in China. With a qualified and experienced engineering team and professional project management team, SMEC Shanghai is capable to provide excellent solutions tailor made for clients.

SMEC Shanghai has spare parts warehouses & service centers located in Shanghai, Jinan, Xiamen and Luoyang, enabling the company to provide speedy service to clients, reduce the maintenance time, and thus help the client to achieve financial efficiency.

Key Business

➤ Machine Tools

➤ Equipment

➤ Component/Tool/Chemicals

➤ Industrial Service

S M E C

Component

Equipment

Machine Tools

Service



SMEC

Partners– Machine Tools

SMEC



Mazak



SCHIESS



DMG MORI



MIKRON

BOZHI

LIEBHERR



fives ultimate machines
ultimate factory



宝鸡机床

WALDRICH COBURG



We provide high quality products and excellent service.

Partners– Equipment



CHENZHEN
MACHINE

STON

kardexremstar

We provide high quality products and excellent service.

Partners – Components / Tools / Chemicals

rexroth
A Bosch Company

HEIDENHAIN

AVENTICS®

FESTO

LYC®
— 中国·洛轴 —

 **MARPOSS**

SANDVIK
Coromant

SECO 

LIEBHERR

 **Castrol**


国机集团

ZYS
轴研科技

 **JUNKAI**
骏恺®

We provide high quality products and excellent service.

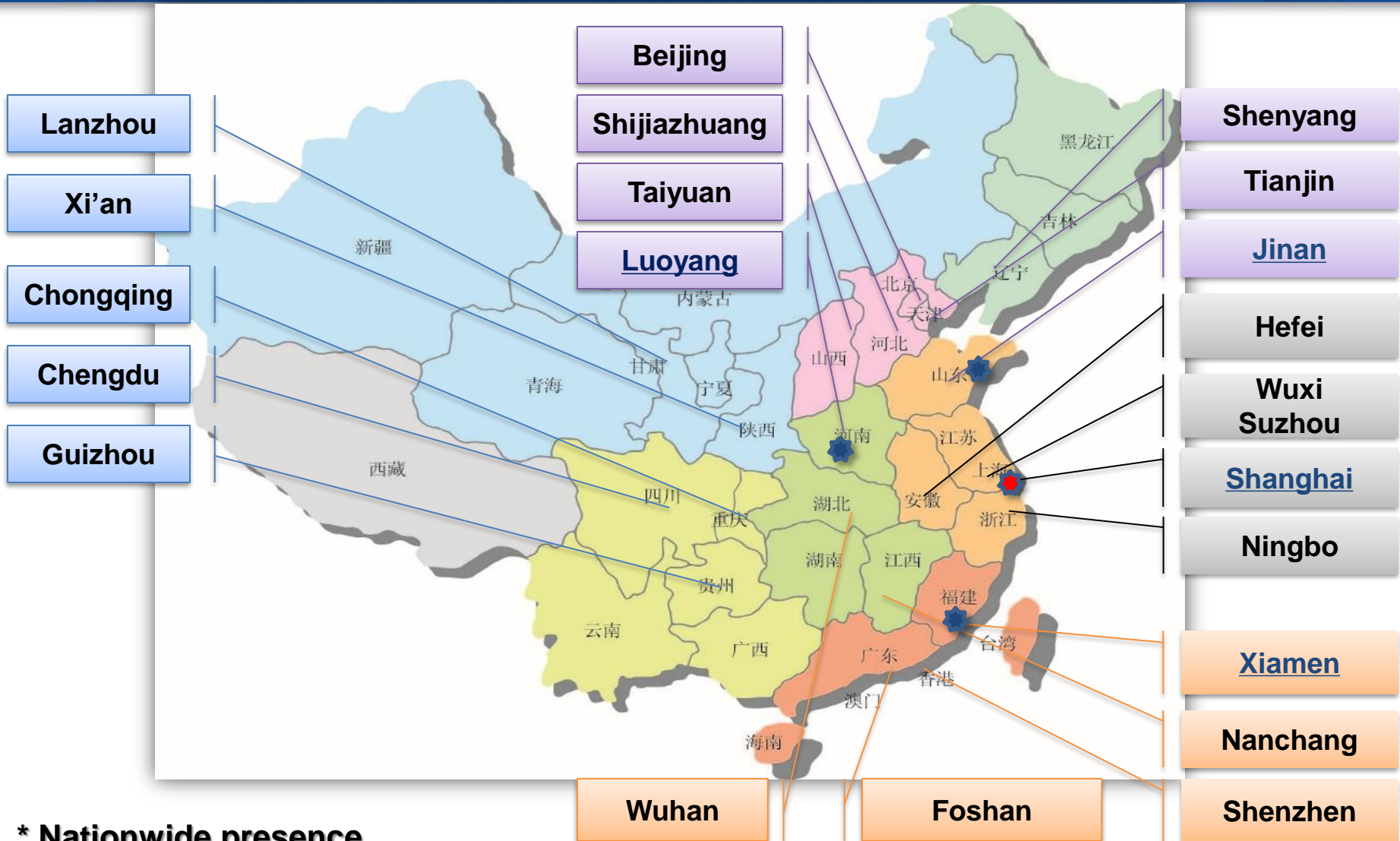
Industrial Service



- Machine maintenance
- Machine retrofitting, overhauling
- Machine optimal design
(ELFIN Engineering)
- Machine retooling
- Machine relocation

International standards and leading the industrial service in China

Presence in China



* Nationwide presence

Machine Retooling

Maintenance

- Mechanical failure
- Precision recovery
- Motorized spindle
- Hydraulic, Cooling
- Tool magazine, Pallet, Fixture
- Conveyor
- Gantry, Robot

Retooling

- Mechanical retooling
- PLC upgrading
- System development
- System upgrading and changing

System upgrading

- Siemens
- Fanuc
- Landis
- Uni-Pro
- Control system of Robot

Machine Retooling



DMG Series:

- DMC 60H overhauling
- GMX 500 linear maintenance
- DMG CTX1250 maintenance
- DMC 80H relocation、retooling



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Machine Retooling

STAMA



* Replacing guide, guide screw and restoring machine accuracy

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Machine Retooling

Alfing Dual-spindle, 5 axis MC maintenance and debugging

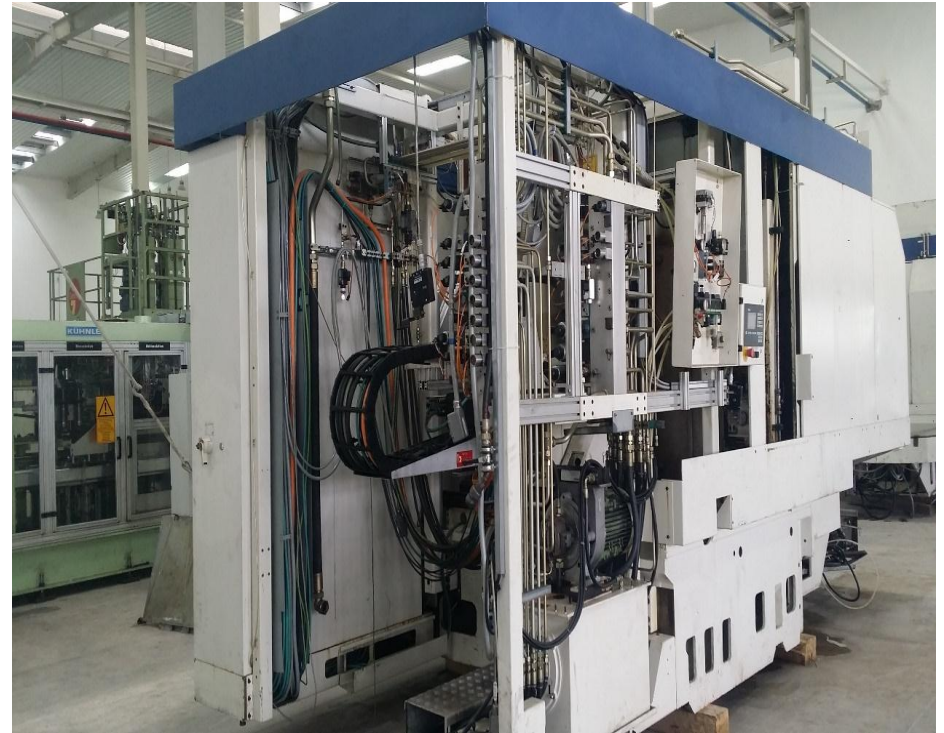


- Change Siemens 840D system
- MC accuracy checking and restoring

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Machine Retooling

GROB HMC, Dual-spindle, 5 axis MC overhauling

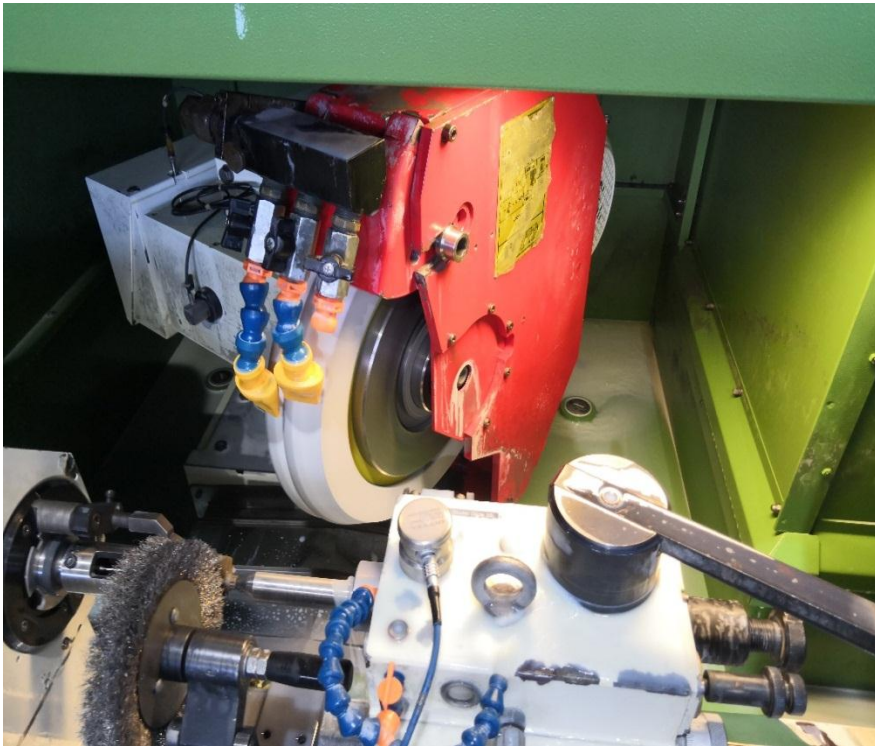


* MC series: BZ400, BZ500, BZ600, BZ530, G520, G530

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Machine Retooling

STUDER increasing safety protection and safety alarming



* 3 machines control system upgrading: FANUC-0i, 31i system

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Machine Retooling

HOFLER Gear grinding machine retooling

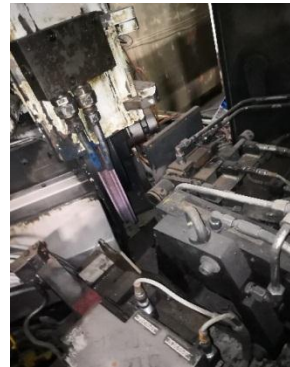


5 HOFLER machines: BWO system upgrading and restoring accuracy

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Machine Retooling

LANDIS grinding machine overhauling



Machine series: Pin grinder, Cam grinder, 3200, 6400 system upgrading

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Machine Retooling

SUPFINA grinding machine retooling



Optimize the system, cycle time reduce from 5.2 sec. to 4.8 sec.

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Machine Retooling

OKUMA



Maintenance: Knife tower / Spindle

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Machine Retooling

FANUC



Maintenance: Guide / Ball screw / Spindle / system upgrading

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Machine Retooling

MITSUBISHI

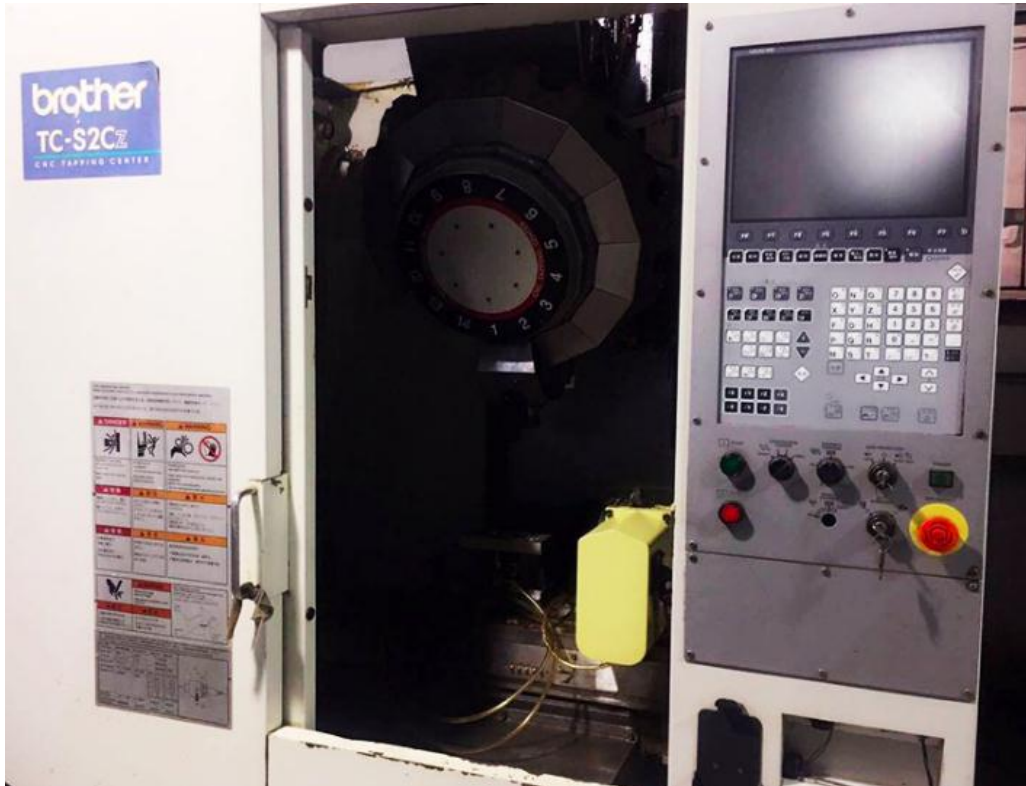


Maintenance: Gear box / Restoring accuracy

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Machine Retooling

BROTHER



Maintenance: Spindle

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Machine Retooling

General machine tools retrofitting



* Increasing numerical control system, loading / unloading system

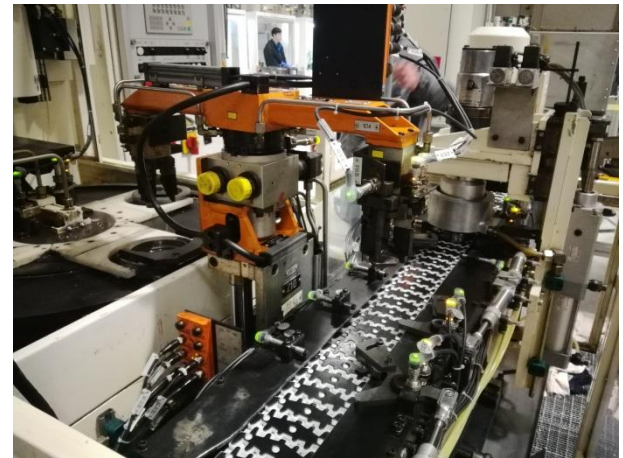
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Machine Retooling



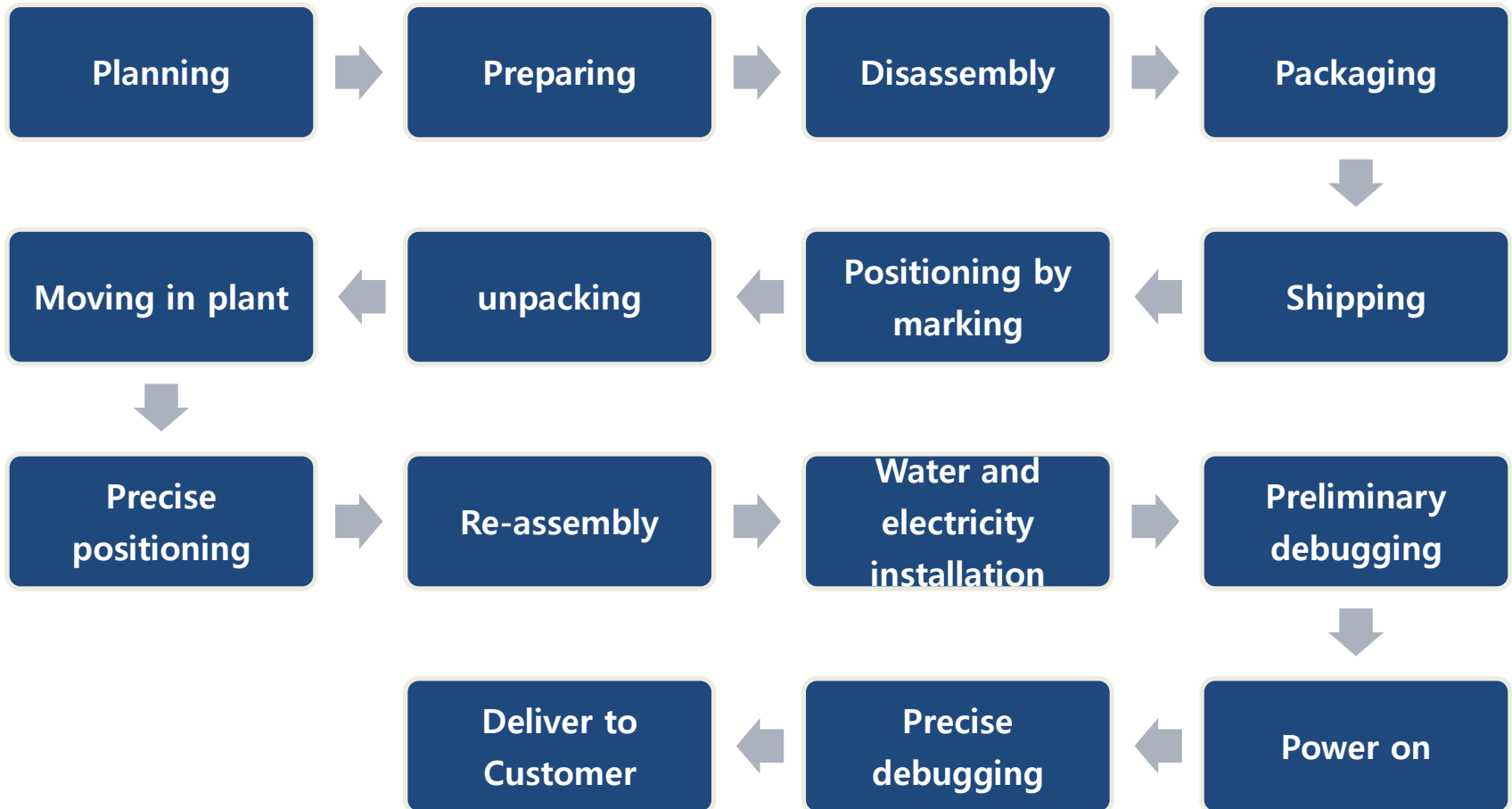
VWST ZF Roller press retooling

- Flex-Link Conveyor retooling
- Guide, guide screw, slider, gripper retooling
- Hydraulic servo controller retooling
- Rexroth system drive change to Siemens S120



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Machine Relocation and Debugging



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Machine Relocation and Debugging



ZF Transmission (Shanghai)

- Machine volume: 75 Sets
- Service:
 - a) Disassembly
 - b) Package
 - c) Transportation
 - d) Re-assembly and power connection
- Debugging
- Delivery time: 5 months

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Machine Relocation and Debugging



EMAG

- Machine Volume: 86 Sets
- Service Scope:
 - a) Relocation of existing machines
 - b) Installation of new machines
 - c) Power connection

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Machine Relocation and Debugging



➤ Bosch Rexroth

➤ Service Scope :

- a) DMG machine center relocation
- b) A2/A6 assembly line relocation



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Machine Relocation and Debugging

Production Line: Slitting, Deburring, Ring cutting, Washing, Welding



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Machine Relocation and Debugging

SORALUCE boring and milling machine center



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Machine Relocation and Debugging

Automatic Storage System relocation and debugging (HANEL LEAN LIFT)



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Machine Relocation and Debugging

Automatic Storage System relocation and debugging (KARDEX MEGA LIFT)



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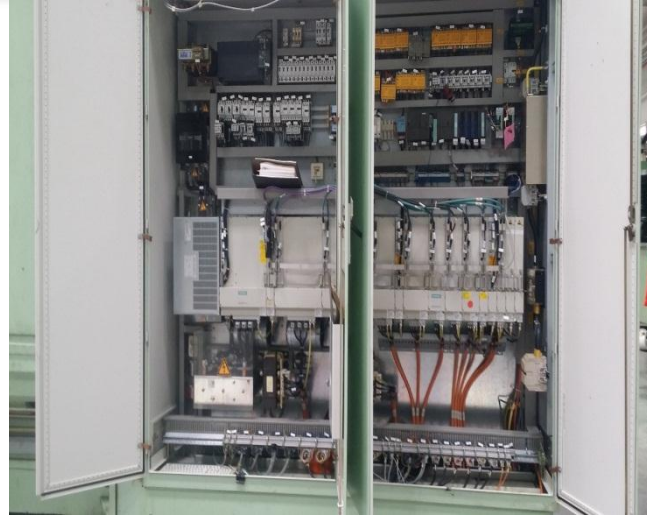
Machine Relocation and Debugging

Automatic warehousing system



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Service and maintenance of equipment



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Key Customers



山推工程机械股份有限公司
SHANTUI CONSTRUCTION MACHINERY CO., LTD.



中国船舶重工集团公司
CHINA SHIPBUILDING INDUSTRY CORPORATION

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Thank you
for your attention!

SIMEC