



# COMPANY PROFILE

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SCAN ME!



## Company Information

NAME IN VIETNAMESE	CÔNG TY CỔ PHẦN PHỤ TÙNG MÁY SỐ 1
NAME IN ENGLISH	MACHINERY SPARE PARTS NO.1 JOINT STOCK COMPANY
SHORT NAME	FUTU1
ESTABLISHMENT DATE	25/3/1968
CHAIRMAN OF THE BOD	MR. NGO VAN THAI
DIRECTOR	MR. TRAN DUC HUNG
NUMBER OF EMPLOYEES	1100



Registered capital

**3.2 million USD**



Total Area

**130.000 m<sup>2</sup>**

Workshop Area **80.000 m<sup>2</sup>**



### Headquarters

3/2 street, Group 10, Ba Xuyen Ward,  
Thai Nguyen Province, Vietnam



### Tel

0208 3862 396 | 02083 862 205



### Email

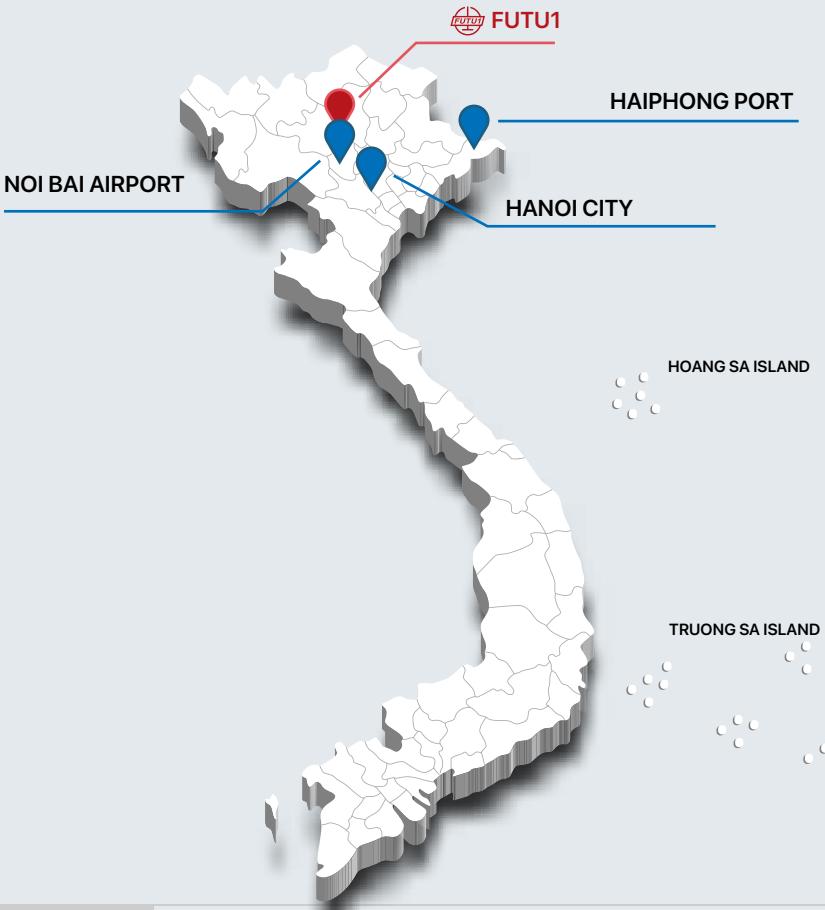
phutung1@futu1.com.vn



### Website

www.futu1.com.vn

## Location



In 1hr./40km

 **DRIVING TO NOI BAI AIRPORT**

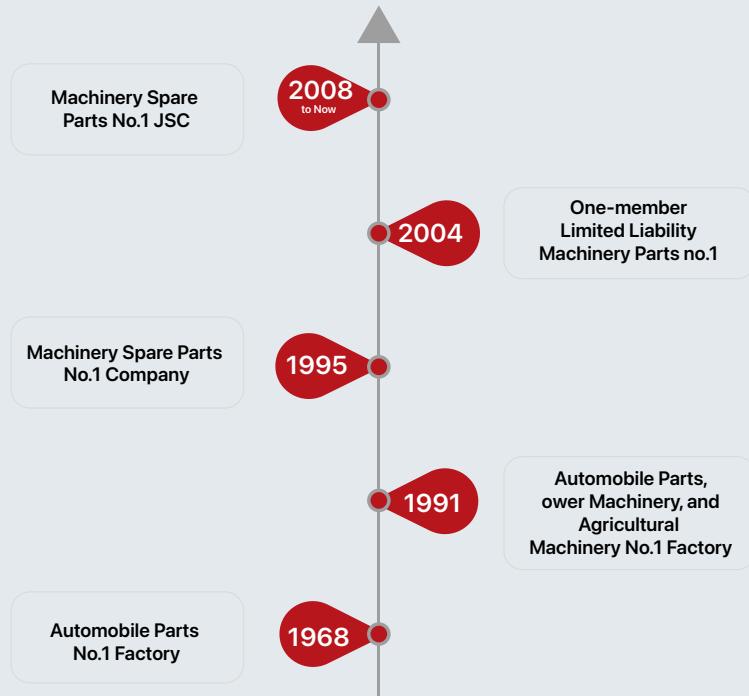
In 1hr.30min./80km

 **DRIVING TO HA NOI CITY**

In 2hrs./180km

 **DRIVING TO HAI PHONG PORT**

## Development History



## Core values



### Vision

To become a leading enterprise in precision machining sector, setting industry standards through innovation, quality, and excellence.



### Mission

To create high-quality products and services that satisfy customer requirements and expectations, harmonizing the interests of our shareholders, employees, and the community.



### QUALITY



### HUMAN RESOURCES



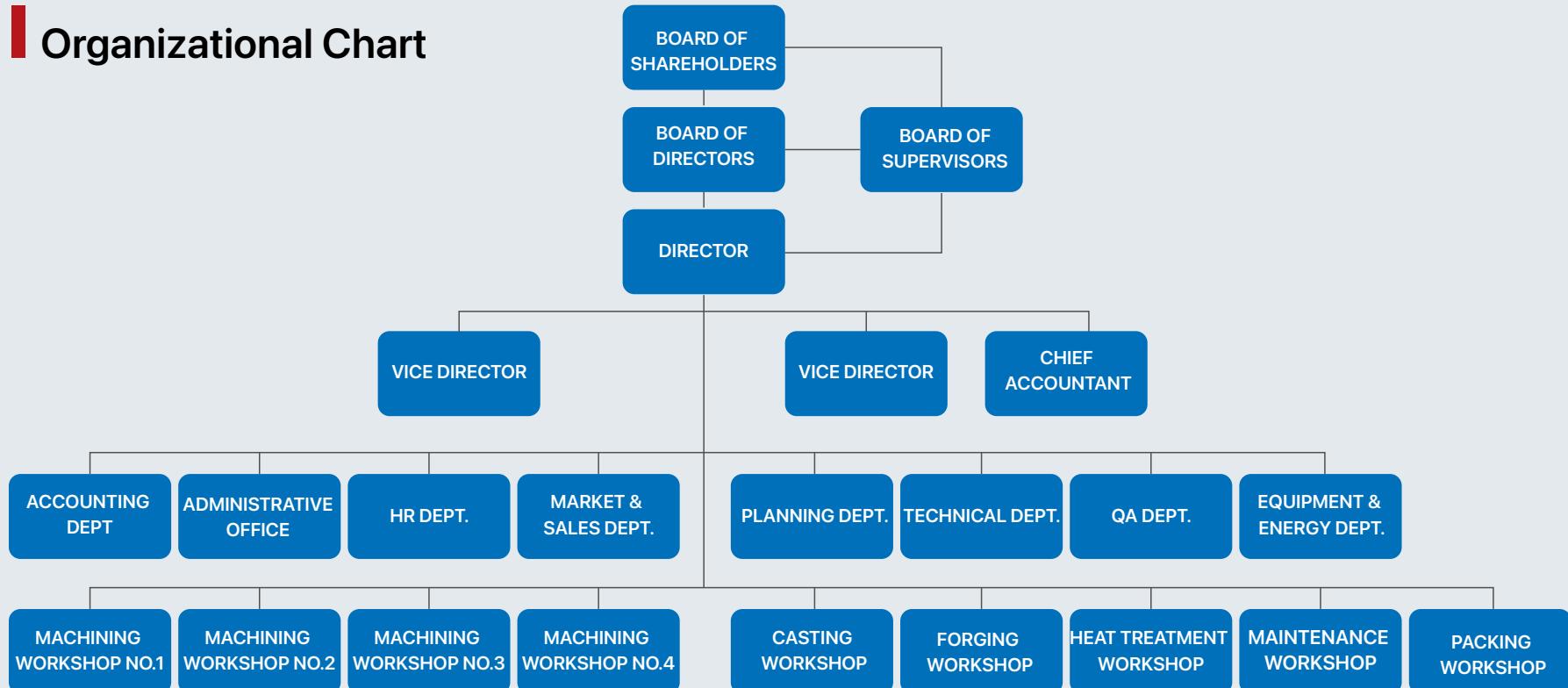
### DISCIPLINE



### CSR



## Organizational Chart





## Management system

ISO 9001:2015



IATF 16949:2016



ISO 14001:2015



ISO 45001:2018



ISO 50001:2018



## Revenue

Million USD

50

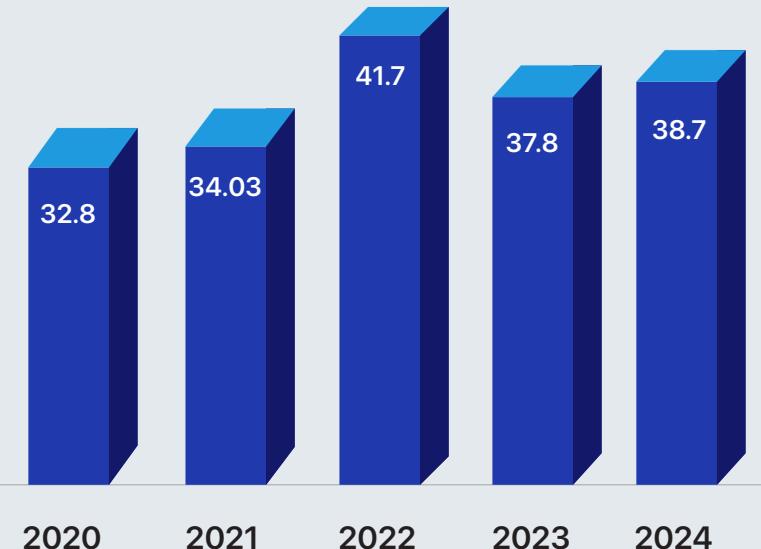
40

30

20

10

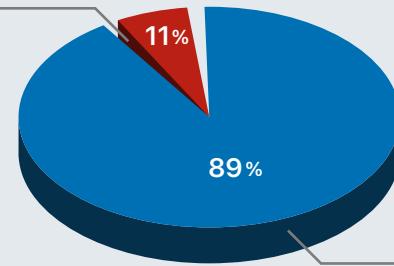
0



## Market share by revenue

Export revenue

Domestic revenue

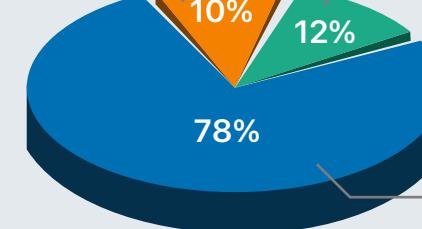


## Market share by industry revenue

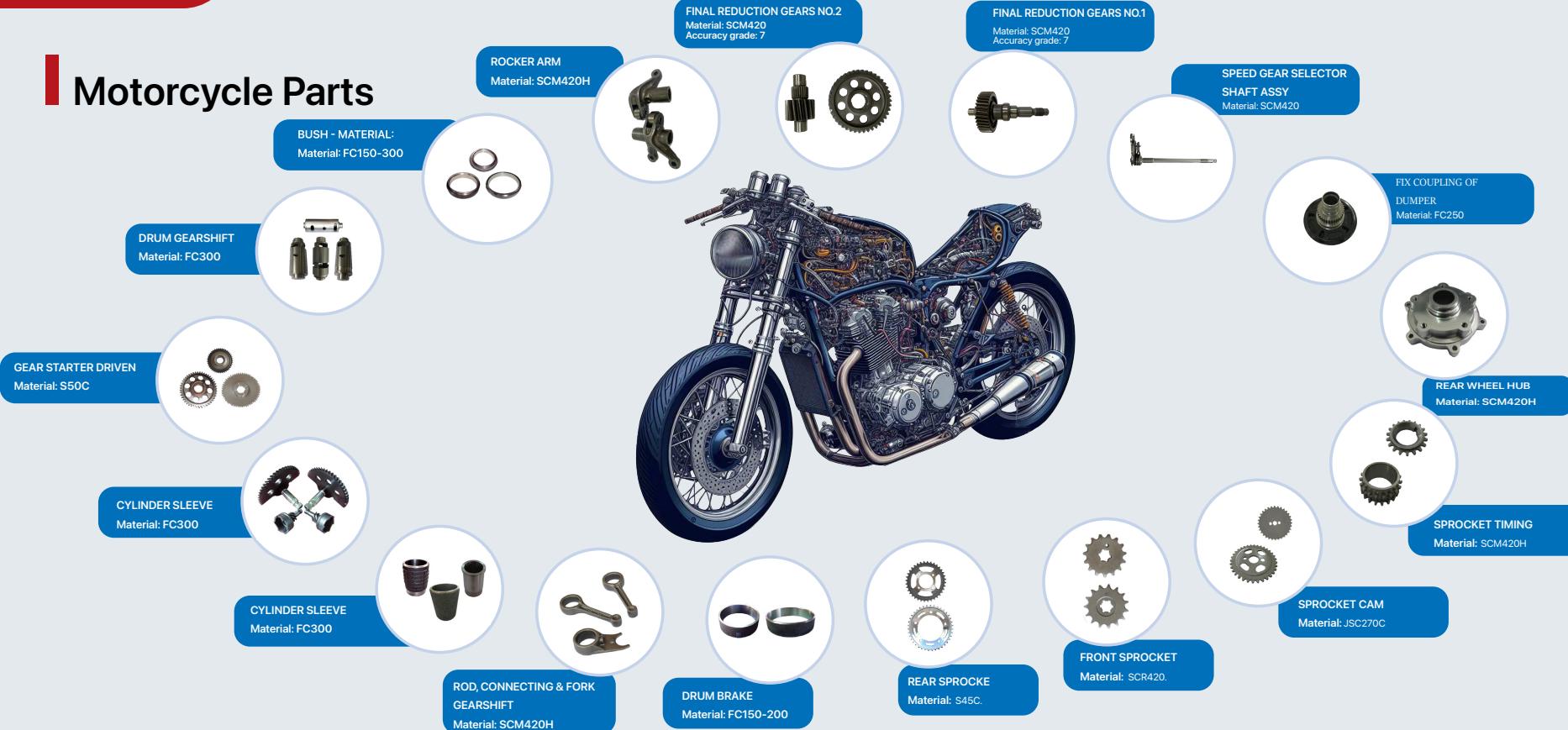
automotive parts

Others

motorcycle parts



## Motorcycle Parts



## Automotive parts

### BRACKET

Material: FCD450-700.



### SUPPORT, ALTERNATOR

Material: FCD500



### BEADED-HOSE-FITTING

Material: S45C



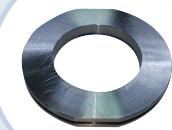
### COUNTER\_WEIGHT\_ASSY\_SUCION\_LINE

Material: S45C



### BEARING HOUSING

Material: S45C



### CONE - INLET

Material: HAI MS 131- 51



### LINER

Material: FC250.



### FRONT HOUSING

Material: FC250.



### MOTOR SHAFT

Material: SCM420

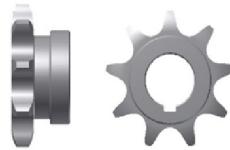


### TRUCK SUSPENSION PARTS

Material: FCD500



## Other mechanical parts



**Sprocket :**  
Material: S45C, SCM, SCr  
Accuracy grade: 9.



**Gear**  
Material: S45C, SCM, SCr  
Accuracy grade: DIN 5



**Shaft**  
Material: SCM420.



**Bearing Housing**  
Material: FC, FCD



**Motor shaft**  
Material: S45C, SCM, SCr  
Accuracy grade: 0.003



**Connecting Bracket**  
Material: FC150~250.



# PRODUCT DEVELOPMENT PROCESS

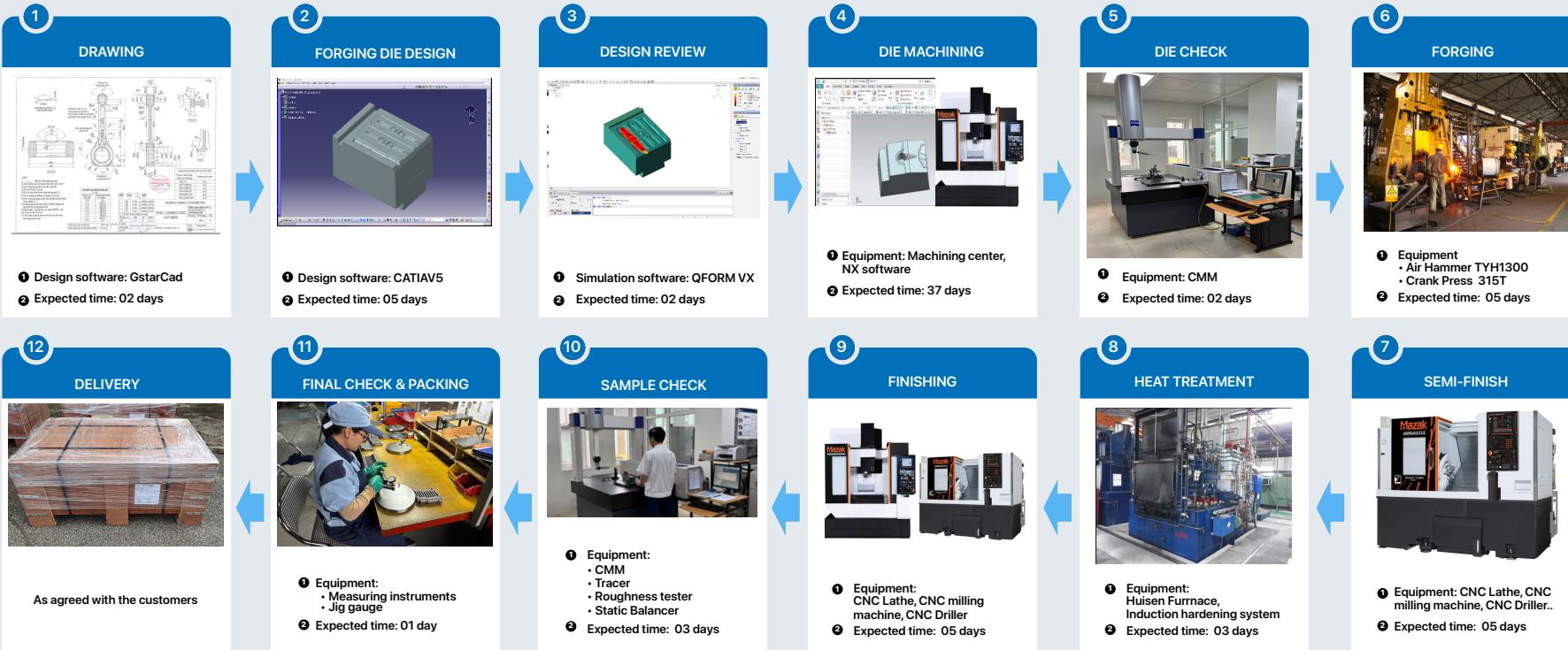
## Iron casting parts



## Steel parts

LEAD TIME

70 DAYS



## CASTING LINE



- Capacity

**7.200**  
Tons/year

- Material

Grey iron  
FC150-350

- Weight

MAX 20 KG

## Equipment List

NAME	Q'TY
• GREEN SAND RECYCLING SYSTEM	02
• MANUAL MOLDING MACHINE	29
• AUTOMATIC MOLDING MACHINE	03
• MELTING FURNACE	06
• SAND MIXING MACHINE	04



CONNECTING BRACKET



AUTOMOTIVE &amp; MOTORCYCLE PARTS



BEARING HOUSING

## Hot forging and fine blanking line



- Capacity
- Material
- Weight

**6.500**  
Tons/year

SCM415-440  
SCR420-440  
S25C-S50C

MAX 3.0 KG

### EQUIPMENT LIST

NAME	Q'TY
• FINE BLANKING MACHINE	02
• HYDRAULIC PRESS	08
• AIR HAMMER	04
• PRESS	32
• AUTOMATIC FEEDING SYSTEM	03
• ELETRIC HEATING FURNACE	07



CON, ROD &  
FORK GEARSHIFT



ROCKER ARM



FINAL REDUCTION GEARS



SPROCKET CAM

## Machining line



- Capacity
- Accuracy grade
- Shaft length (max.)

14.000 tons/year  
(~40.000.000 pcs/year)

DIN 5

650mm

### Equipment List

Name	Q'TY
• NC, CNC Lathe	162
• CNC driller, CNC milling machine	20
• CNC gear hobbing machine	07
• CNC gear shaving machine	01
• Gear grinding machine	01
• Broaching machine	05
• CNC external grinder	08



Shaft



Gear

## Measuring devices



CMM



TRACER



ROUGHNESS TESTER



TESTER FOR ROUNDNESS &amp; CYLINDRICITY



PROJECTOR



TESTER FOR BRINELL HARDNESS



TESTER FOR ROCKWELL HARDNESS



TESTER FOR TENSILE STRENGTH



SPECTROMETER



TOOTH PROFILE MEASURING MACHINE



MICROSTRUCTURE MICROSCOPE



ULTRASONIC ELAW DETECTOR

## Hot forging



NO.	MAIN TECHNICAL INDICATORS
1	Air hammer: Newmax 55E TYH13-- (Force: 1300kg max.)
2	Material S15C~S50C, SCM415~SCM440, SCr420~SCr440, ....
3	Mass/weight: Max 3.0kg

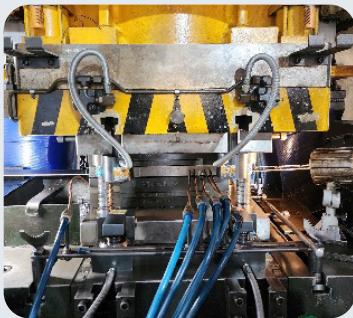


ROD, CONNECTING



FORK, GEARSHIFT

## Fine Blanking

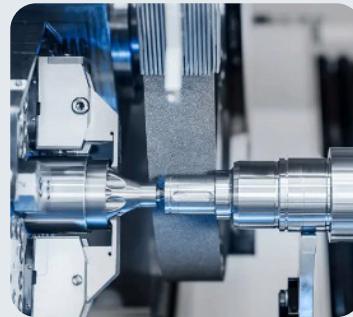


NO.	MAIN TECHNICAL INDICATORS
1	Fine blanking machine: FB1-220
2	Force: 220T max.
3	Accuracy grade: 8
4	Material: SPCC, JSC270C, SPFH590, ....
5	Blank specification: 300 x 300 x 6mm max.



TYPICAL PRODUCTS

## Shaft machining

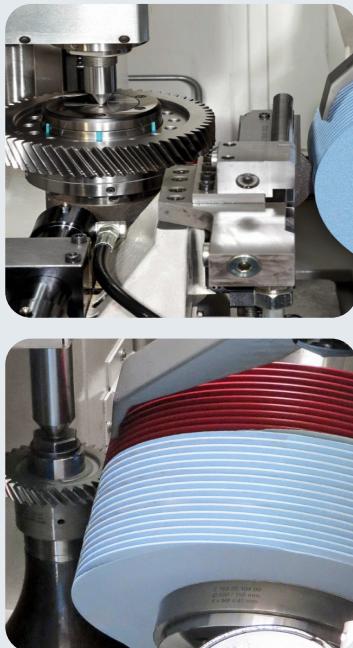


NO.	MAIN TECHNICAL INDICATORS
1	CNC grinder: Shigiyama (Japan)
2	Controller: Fanuc
3	Centering distance: 750mm max.
4	Grinding diameter: 300mm max.
5	Accuracy grade: 0.003
6	Material: SCM415-440, SCr420-440, S25~S50C, ...



SHAFT

## Gear grinding machine



NO.	MAIN TECHNICAL INDICATORS	MAIN TECHNICAL
1	Maximum Workpiece Diameter	320 mm
2	Maximum Workpiece Modulus	8 mm
3	Gear Precision level	Grade 5
4	Maximum Installation diameter, Bore diameter, Length of grinding wheel	$\Phi 300 \times \Phi 115 \times 160$
5	Maximum Grinding Wheel Speed (B-axis)	7800 rpm
6	Maximum Table Speed (C-axis)	1000 rpm



FINAL REDUCTION GEARS



## Environment and CSR



- Planting trees is a contribution to environmental protection

- Technology improvement and investment in modern equipment



- LED bulbs are used to replace halogen ones

- Participating in community activities

## Human resources



- Installing dust collectors, oil mist extractors, and improving working conditions for employees



- Resting areas for employees are appropriately designated



- Organizing regular training courses for the management team



- Organizing tours and vacation activities for employees



- Organizing sports activities for employees



- Organizing periodic medical check-ups for employees

# FUTU1

*Thank you so much  
for your kind attention*



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