



EMPEE ENGINEERS

ISO 9001:2015 CERTIFIED COMPANY

EMPEE ENGINEERS INDIA

CHENNAI – PLANT - I / PLANT - II / PLANT-III



EMPEE ENGINEERS

Is an ISO 9001:2015 Certified Company.

• DNV CERTIFICATION BODY



About Us

EMPEE ENGINEERS, INDIA

Is a Group company of Empee Engineers specialized in Mechanical Engineering Specializing in Large size and Repeated Manufactured Cast / Forged / Alloy Components Products , Machining and Fabricating components for Companies of repute :

Valve Components, Pump Components, Earth Moving Components and Value Added Principal companies of International Repute in large Volumes in short Time.

The Top Management headed by Mr. **O.M.Periasamy** ,Chairman and MD is committed to meet the new growth opportunities of Internationally growing band of manufacturers to support them meet their sophisticated Machined parts with Quality standards and approval of World Players in Oil and Gas industry , Power Industry and Water Distribution networks as well as ever growing infrastructure

VTL Machine Capability

VTL-I

- Make : **Stanko Russia with DRO**
- Table Dia : **1400 mm**
- Centre Height : **1000 mm**
- Swing : **1600 mm**

VTL-II

- Make : **TOS Double Column with DRO**
- Table Dia : **1600 mm**
- Centre Height : **1200 mm**
- Swing : **1800 mm**

VTL-III



CNC VTL

- Make : **JUGENTHAL**
- Table Dia : **1300 mm**
- Swing : **1800 mm**
- Centre Height:-**1400 mm**
- Control :**Fanuc OiTF**
- ATC : **6 Tools**

- Make : **TITAN**
- Table Dia : **4000 mm**
- Swing : **4200 mm**
- Centre Height : **2500 mm**
- Control:**Fanuc Oi TF Plus**
- Table : **1800 × 2000 mm**



BORING MACHINE

Horizontal Boring Machine

- Make : **HMT AZ-11 Horizontal Boring Machine with DRO**
- Spindle Dia : **110 mm**
- X Travel : **1500 mm**
- Y Travel : **1200 mm**
- Z Travel : **1500 mm**
- Table : **1200 × 900 mm**



CNC Boring Machine

- Make : **TOSHIBA BTD 200-QF**
- Spindle Dia : **110 mm**
- X Travel : **1500 mm**
- Y Travel : **1200 mm**
- Z Travel : **1200 mm**
- Table : **1000 × 1200 mm**
- Control : **Tosnuc 888**
- ATC : **30 Tools**

- Make : **KURAKI AKB-13**
- Spindle Dia : **130 mm**
- X Travel : **4000 mm**
- Y Travel : **2000 mm**
- Z Travel : **1600 mm**
- Table : **1800 × 2000 mm**
- Control : **Fanuc Oi-MD**
- Max Table Load : **10 Tones**
- ATC : **60 Tools**



CNC Boring Machine

- Make : **DOOSAN DBC-110**
- Spindle Dia : **110 mm**
- X Travel : **2500 mm**
- Y Travel : **2000 mm**
- Z Travel : **1400 mm**
- Table : **1400 × 1800 mm**
- Control : **FANUC 31i A**
- ATC : **60 Tools**

- Make : **Pegard - Fanuc Control Oi MF**
- Spindle Dia : **100 mm**
- X Travel : **1500 mm**
- Y Travel : **1000 mm**
- Z Travel : **1500 mm**
- Table : **1200 × 900 mm**



Drilling Machine Capability

RD-I

- Make : **Raboma Radial Drilling Machine**
- Spindle Dia : **75 mm**
- Arm length : **1500 mm**
- Height : **1200 mm**

RD-II

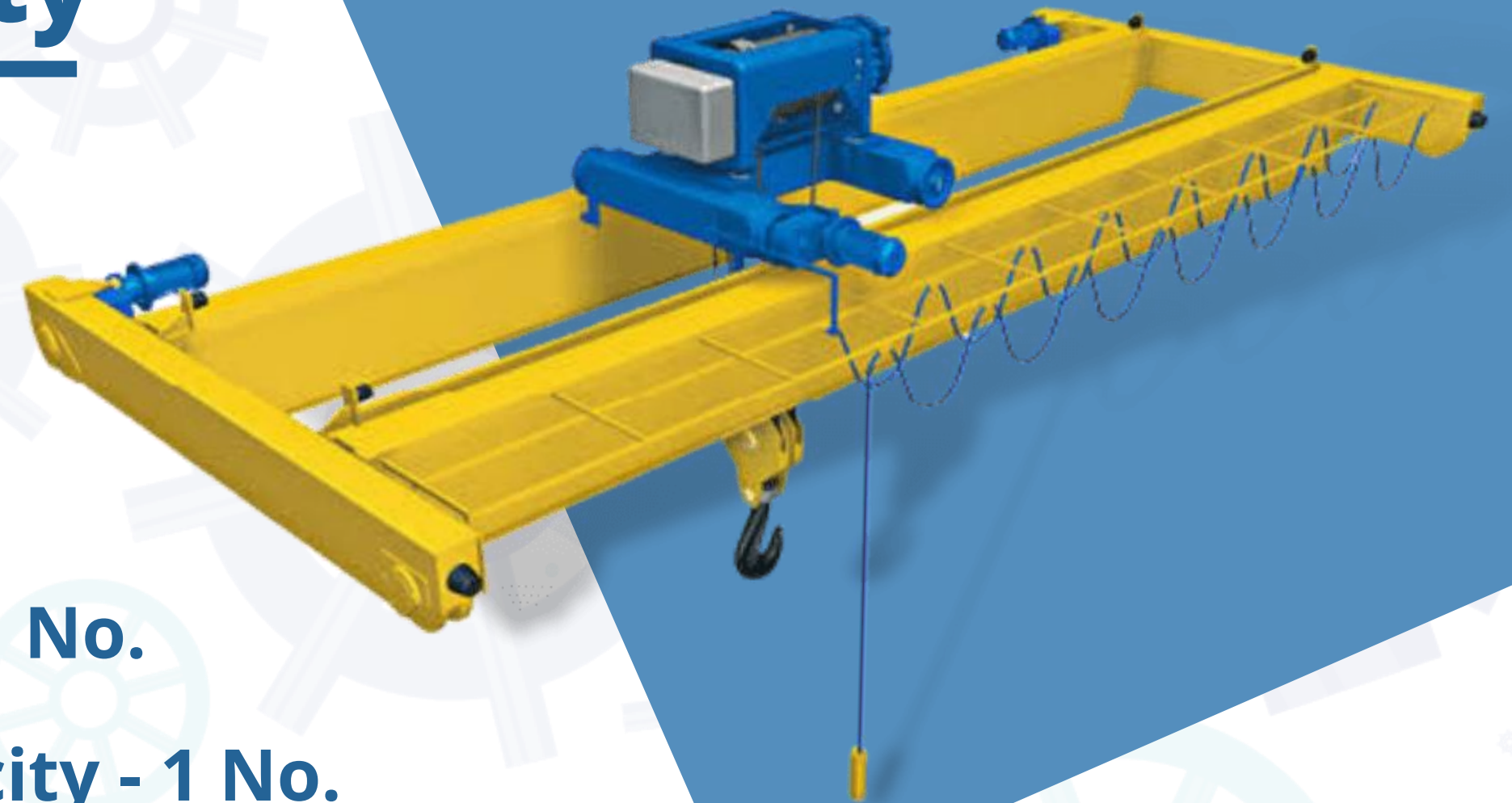
- Make : **Kolb Radial Drilling Machine**
- Spindle Dia : **90 mm**
- Arm Length : **2500 mm**
- Height : **2500 mm**

RD-III

- Make : **Raboma Radial Drilling Machine**
- Spindle Dia : **130 mm**
- Arm Length : **2500 mm**
- Height : **3000 mm**



Material Handling Capacity



HANDLING FACILITIES

- Chain Pulley Block - **5 Ton Capacity - 1 No.**
- Electric Wire Rope Hoist - **5 Ton Capacity - 1 No.**
- EOT Crane - **5 Ton Capacity - 5 Nos.**
- EOT Crane - **7.5 Ton Capacity - 1 No.**
- EOT Crane - **10 Ton Capacity - 2 Nos.**

VALVE COMPONENTS



VALVE COMPONENTS

Multiport Body



Rotary Body



VALVE COMPONENTS



Rotary Disc

Globe Body



VALVE COMPONENTS

Suction Head



CAV4 Body

Multiport Body



VALVE COMPONENTS

PRS Body



Globe Body



Ball Valve Body



PUMP COMPONENTS



PUMP COMPONENTS



Barrel Casing



TURBINE COMPONENTS

Turbine Casing- Casting



Turbine Casing-Machined



FABRICATION COMPONENTS



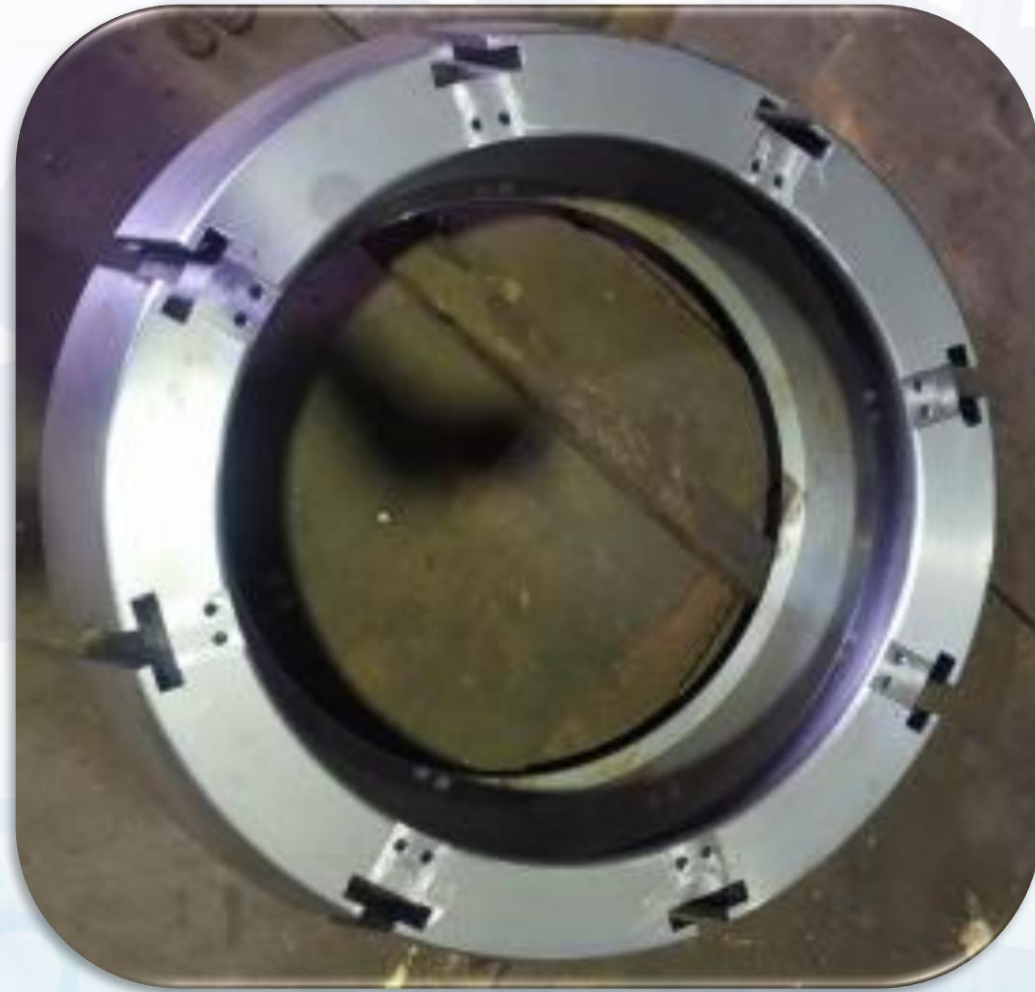
Fan Housing

Fabricated Body



TYRE INDUSTRY COMPONENTS

Thread Shoe



End Frame

Floating Weight

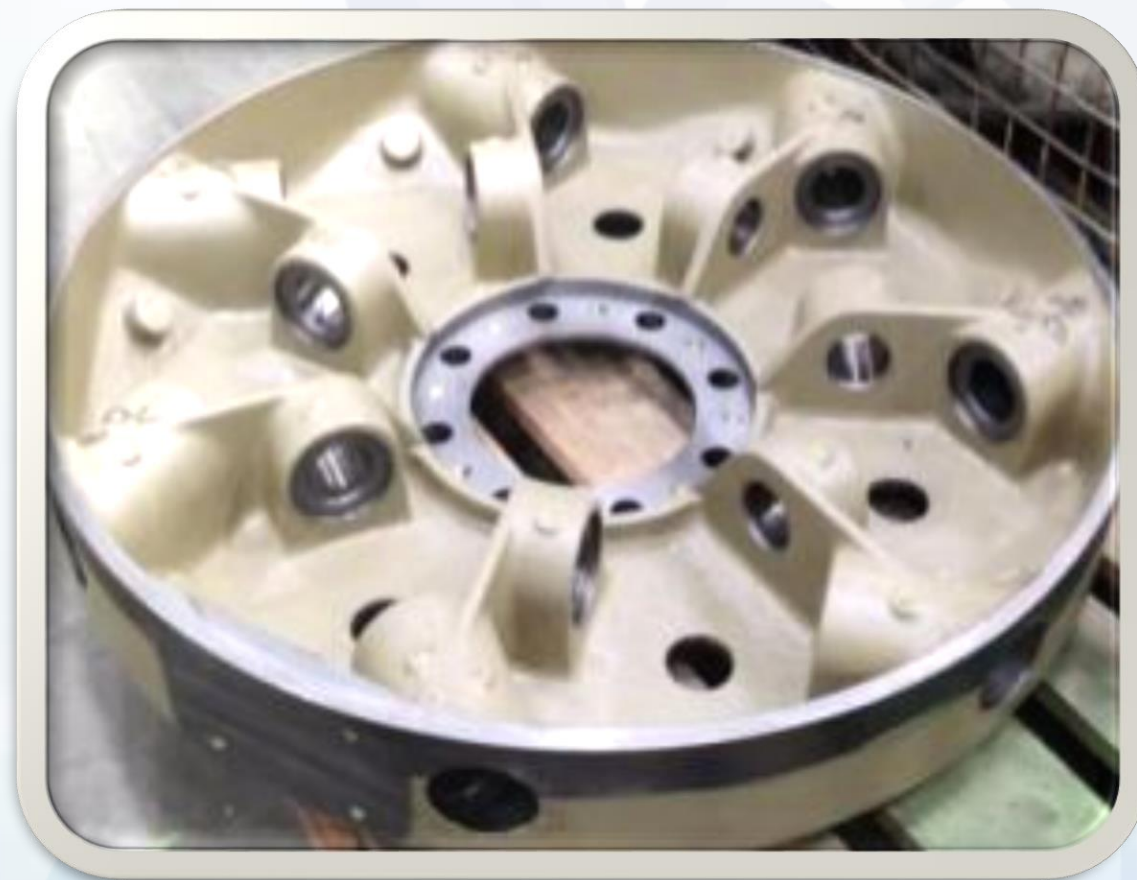


CONSTRUCTION INDUSTRY COMPONENTS

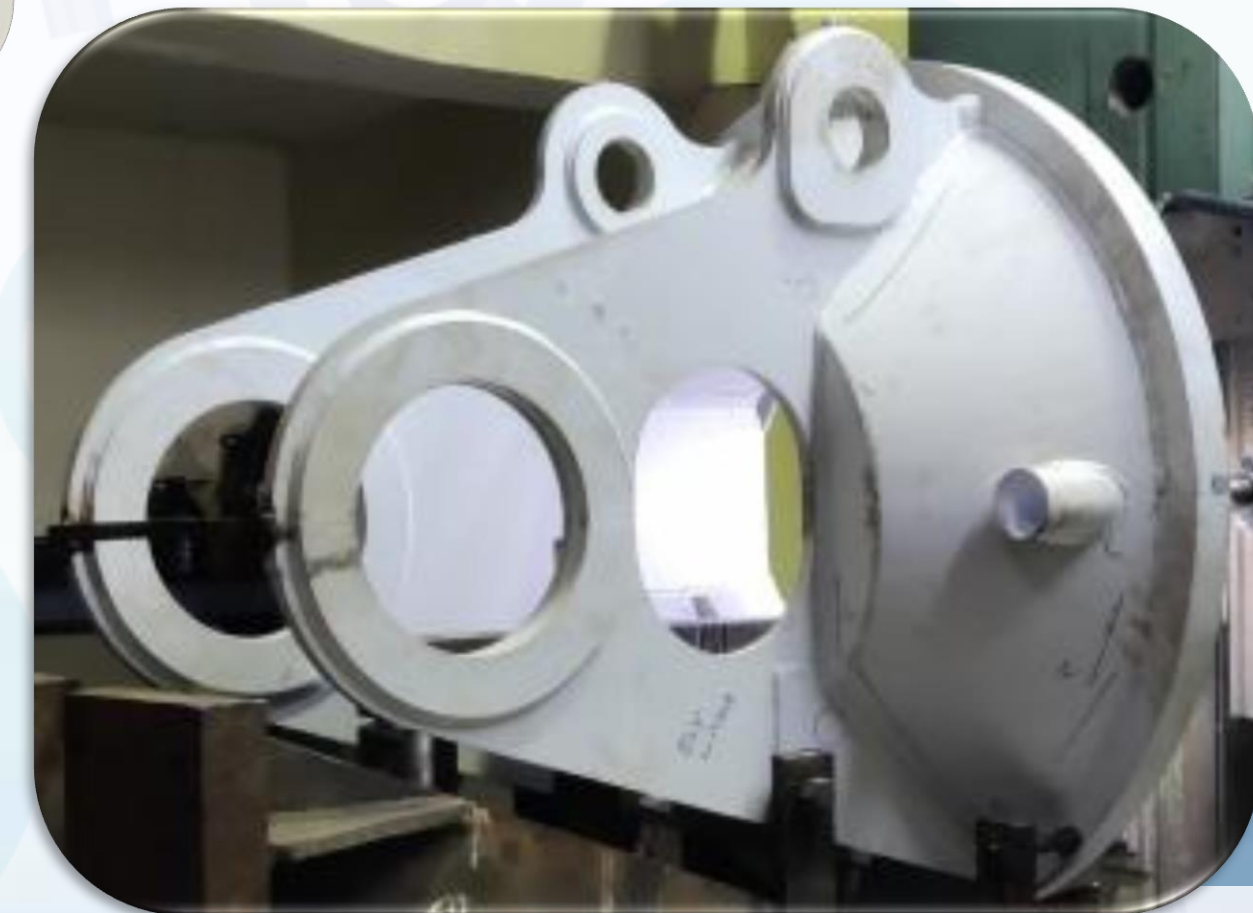


Rotor

Turret



Mixing Trough



EARTH MOVING COMPONENTS

Wheel Hub



Brackets

Anchor



EARTH MOVING COMPONENTS

Winch Frame

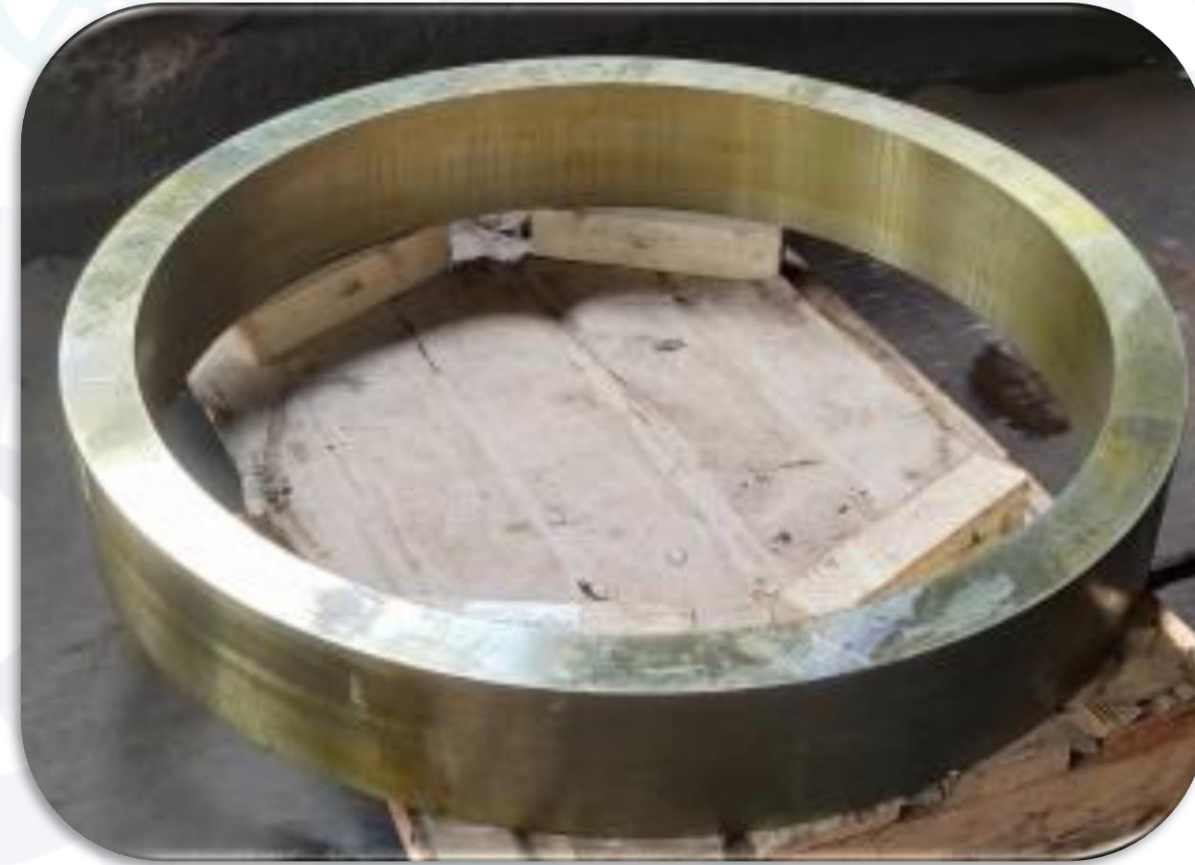


Ring Gear

Centre Case



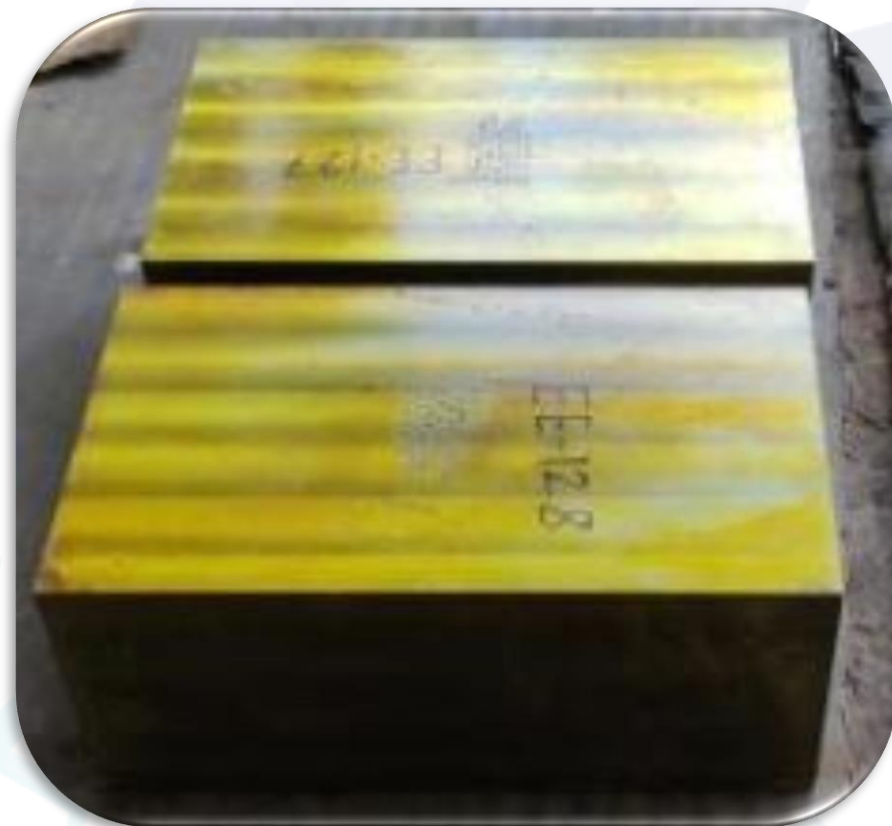
FORGED RINGS



FORGED BLOCKS



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MACHINING COMPONENTS

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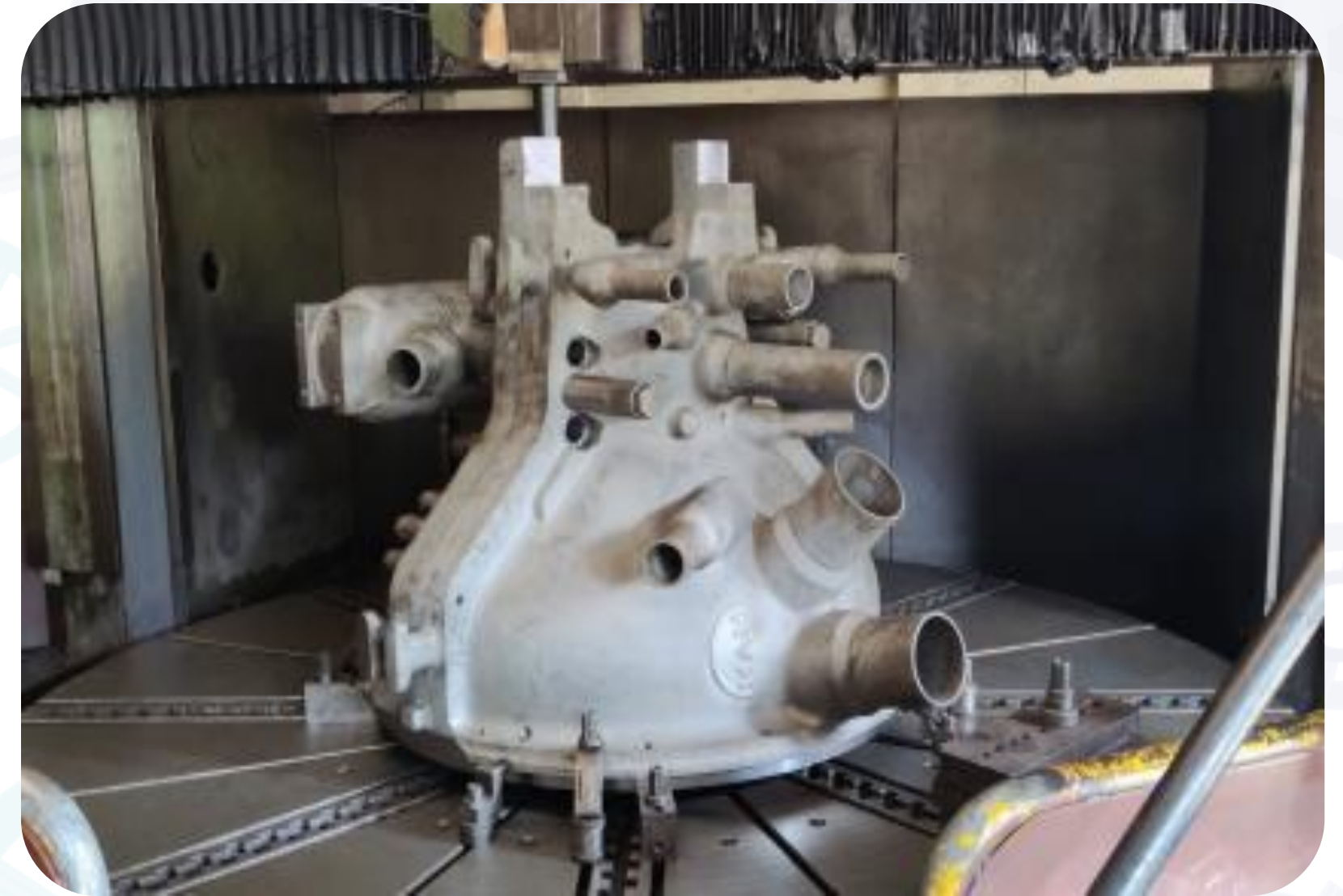
MACHINING COMPONENTS

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GRINDING PROCESS

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Customer experience with International Players makes their job easy



Proven expertise makes way to make a business cooperation sustainable and continuous



Connect



Collaborate



Cooperate



Coexist

1

Surface roughness
can be achieved
min 0.4µm

2

Accuracy can be
maintained within
20 micron

QUALITY RANGE

3

CMM Reports can be
provided upon
requests

4

Hydro testing can be
conducted up to
10000 psi

Standards of Conformity

Materials

- ◎ A105
- ◎ WCB
- ◎ WC9
- ◎ ALLOY STEEL
- ◎ SUPER DUPLEX
- ◎ SS 316 L
- ◎ TITANIUM
- ◎ MONEL

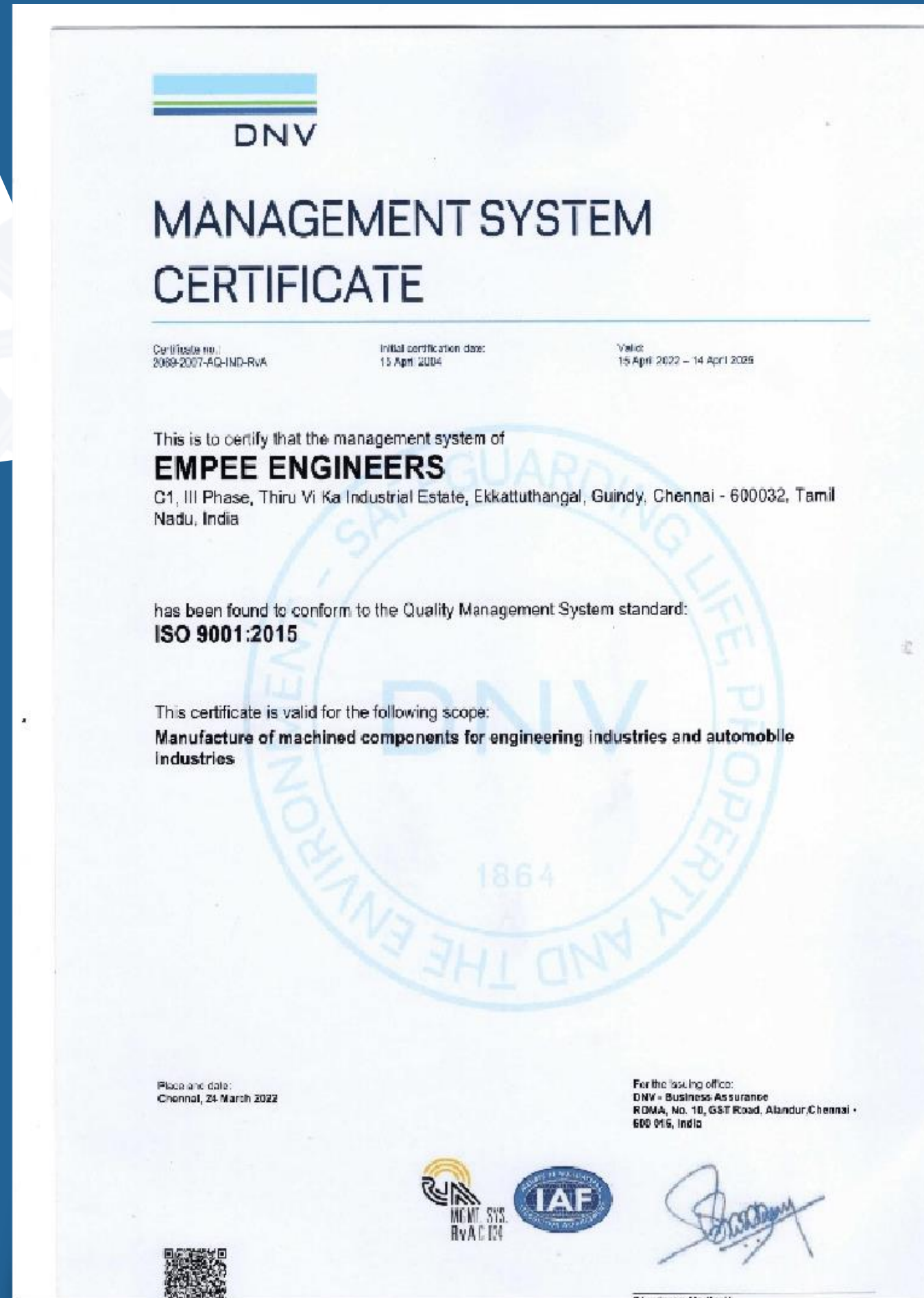
WT Per Piece Upto :
500 KGS To 10 MT

Customers of International Repute :

- ✦ Emerson ✦ Kobelco ✦ Ampo ✦ Sanmar
- ✦ BEML ✦ IMI CCI ✦ Toshiba-JSW
- ✦ SCHWING SETTER ✦ BRAGA
- ✦ L & T Valves ✦ Ruhrpumpen

QUALITY ASSURANCE at every stage of manufacture to guarantee international standards as per 3.1 and 3.2 TPC inspection by DNV/BV/Lloyds on request.

ISO Certification



Contact Support



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**THANK
YOU**