

QINGDAO LOLIN MECH INC.

**OEM
Castings**

WWW.LOLINMETALS.COM

➤ The number of employees in last 3 years (2019/2020/2021) is as below:

◆ Qingdao sales office: 15

◆ Cast Iron Foundry: 490

➤ main Markets: Europe/US/Japan

➤ Refernce customers : ThyssenKrupp / Terwa / Kubota/TEREX GROUP/,KITO/

WEBERHYDRAULIK/ , Getribebau NORD/, LEMKEN/, KVERNELAND/, WESTFALIA AUTOMOTIVE ./
CATERPILLAR/, LINAMAR/ ETC.

➤ FOUNDRY ADDRESS: LAIZHOU CITY, SHANGDONG

➤CONTACTING: TEL: 0086-532-81928971 ,MOBILE:13963915159, MR.YULIN

➤ TEL: 0086-535-2625806, MOBILE:13953532079, MR.WANG ZHONG QUAN

INTRODUCTION OF CASTING WORKSHOP

➤ General Information:

- ◆ Maximum casting capacity: 70,000 tons annually
- ◆ Foundry is operated and managed under requirement of IATF 16949
- ◆ Unit Weight: 0.1 - 300 kgs
- ◆ The typical material supplied:
 - Grey Iron: EN-GJL- 150, GJL-200, GJL-250, GJL-300, GJL-350
 - Ductile Iron: EN-GJS-400-18-LT, GJS-500-7, GJS 500-14, GJS-600-3, GJS 600-10, GJS-700-2, GJS-800-2
 - Austempered Ductile Iron: ADI800-10, ADI900-8, ADI1050-6 , ADI1200-3, ADI 1400-1
- ◆ The industries we are supplying:
 - Construction machinery; Automotive industries; Agricultural machinery,
 - Railway vehicle manufacturing; Machine building and heavy duty trucking industries

➤ Main casting equipments:

- ◆ melting furnace: medium-frequency induction furnace
3 tons/hr. x4 units, 2 tons/hr. x 4 units, 1.5 tons/hr. x 2 units, 1 ton/hr x 2 units
- ◆ molding lines:
- ◆ three set TOKYU (Japan made) automatic molding line, with flask size 700x600mm,
100 flasks/hr.,
—suitable weight for casting: 0.5-50kg/pc ; with total casting capacity 30,000 tons/year
- ◆ 14 units jolt squeeze molding machines, with flask size 450x400 mm,15 flasks/hr.,
—suitable weight for casting: 0.5—20kg/pc ; with total casting capacity 6,000 tons/year
- ◆ 2units high pressure molding machines, with flask size 850x700 mm, 20 flasks/hr.,
—suitable weight for casting: 15-200 kg/pc ;with total casting capacity 4,000 tons/year
- ◆ One set shell mould line , with flask size 1200 x 1000 x 1000 mm, 30 flasks/hr.
—suitable weight for casting: 100 -300 kg/pc ; with total casting capacity of 30,000 tons/year
- ◆ core-making shop:
16 units cold/warm box machines with maximum core weight 100 kg for each pc.

➤ Main casting equipments:

- ◆ melting furnace: medium-frequency induction furnace
3 tons. x 4units, 2 tons x 4 units, 1.5 tons/hr. x 2 units, 1 ton/hr x 2 units
- ◆ molding lines:
three set TOKYU (Japan made) automatic molding line, with flask size 700x600mm, 100 flasks/hr/each.,
- ◆ 14 units jolt squeeze molding machines, with flask size 450x400 mm, 15 flasks/hr.,
2units high pressure molding machines, with flask size 850x750 mm
- ◆ core-making shop:
16 units cold/warm box machines with 12 kg capacity



three sets TOKYU(Japan made) automatic molding line, with flask size 700x600mm,100 flasks/hr/each .



One set shell molding line, with flask size 1200x1000mm,30 flasks/hr.



One set TYPE 148 HIGH PRESSURE MOULDING LINE, flask size 850x750mm,20 flasks/hr.



automatic casting



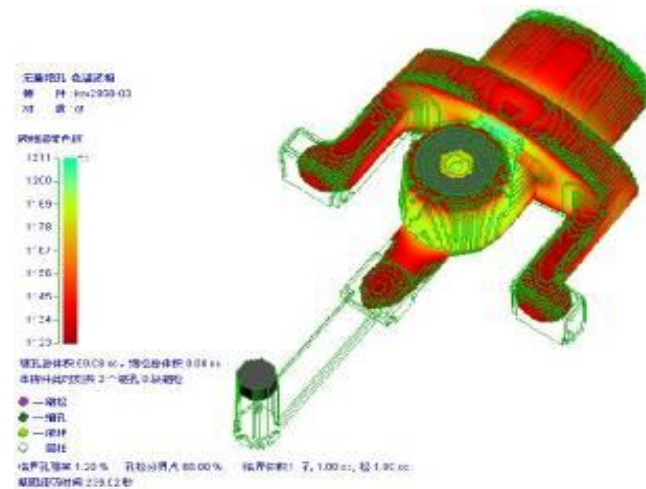
wireless data transmission



core-making shop



CAE CASTING SIMULATION SOFTWARE

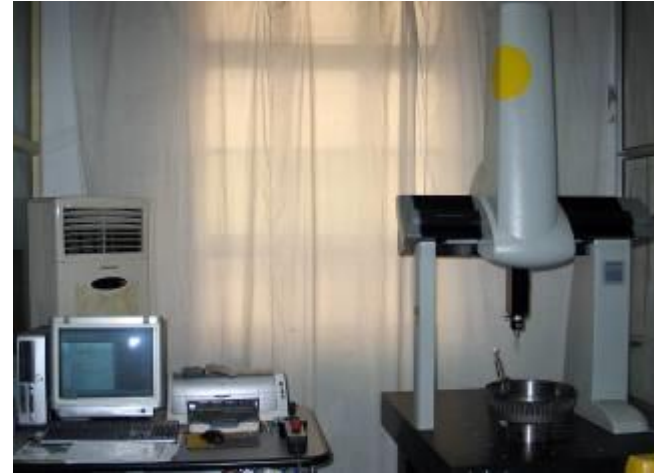


➤ **Main test equipments in the lab of the foundry**

spectrum



three Coordinate Measuring Machine



pulling test machine



universal length measuring instrument



➤ Main machining equipments

CNC machining center, 4 axes, Vertical type



CNC turning machines



CNC vertical turning machines (DIA.1200)



Induction Hardening



CNC center, Horizontal type



➤ Typical products producing now: :



GJS 500-7, 46KG



GJL 200, 5.6KG



GJS 450-12, 3.5KG



GJL 200, 28KG



GJS 400-18, 26 KG



GJS 400-15, 5KG



GJL 200, 19 KG



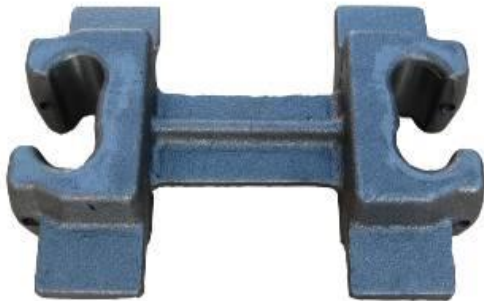
GJL 200, 5.8KG



GJS 450-12, 48KG



GJS 800-2, 6KG



GJL 200, 11KG



ADI 900-8, 25KG



GJS 400-15, 8KG

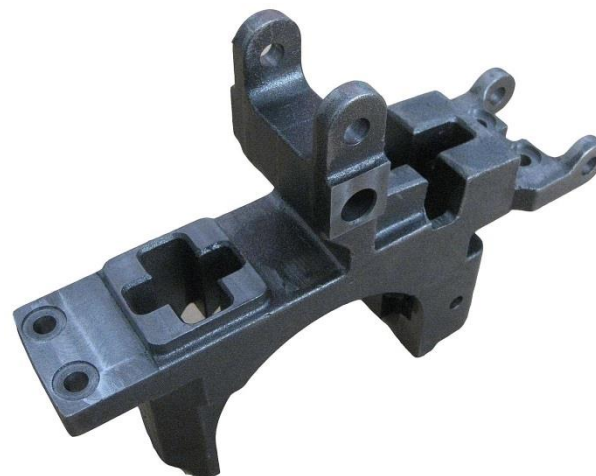


GJS 450-12, 4.6KG



GJS 500-7, 26KG





COOPERATIVE CUSTOMERS

QINGDAO LOLIN MECH INC.



KITO



YANMAR



KOMATSU



THANK YOU

<http://www.lolinmetals.com>