

CITICIC LUOYANG INDUSTRIES

洛阳中和重工机械有限公司
LUOYANG CITICIC INDUSTRIES CO.,LTD
中国河南洛阳市新安县洛新工业园区
Address:Xinan Industrial Park,Luoyang City,Henan Province,China
TEL:0086 379 64389230 FAX:0086 379 6408 7220
www.citicic.com www.citicic.ru

洛阳中和重工机械有限公司



简介

中和重工是专业生产大型铸锻件，齿轮，齿轮箱等备件公司。2005年7月完成股份化改制，具有独立法人资格和对外贸易进出口经营资格。

中和重工座落在素有"13朝古都"、"牡丹之乡"的河南洛阳。公司拥有五万多平方米的花园式工业园区和现代化气息的标准厂房，设备先进，技术力量雄厚，检测手段齐全。公司历经三十多年的发展，现已成为集产品开发设计、生产制造、安装调试、技术服务为一体的集团化公司。

公司产品涉及矿山设备、冶金设备、建材设备、洗选设备、电力设备、石油化工设备和相关的成套电控配置、金属结构件、工程塑料、大功率减速器和大型铸锻件等十几个领域，现已成为河南省重型机械行业加工制造基地。主要产品有：采掘机械、提升机械、选煤机械、破碎与粉磨机械、水泥机械、冶金轧钢机械、环保机械、大功率减速器、大型铸锻件等。先后向北美、欧洲、非洲、澳洲、亚洲等几十个国家和地区出口备件和铸锻件。

公司不断强化企业内部管理，通过ISO9001:2008标准质量管理体系认证、矿用产品安全标志认证、BV\CCS\LR\DNV\ABS\NK\KR\GL\RINA等九个国家级船级社认证，电控设备KV认证。

唯有牡丹真国色，花开时节迎宾客。公司愿与各界同仁竭诚合作，欢迎各界朋友光临指导，共同开创美好未来。



Working On Wonders 创造奇迹、分享感动

CITICIC is one of the professional manufacture and exporter of large cast/forged parts, gears, gear shafts, gear boxes and etc. Through the demutualization in 2005, CITICIC owns the independent legal entity and the qualification of import/export.

Covered about 50,000m² located in Luoyang, the city named of the ancient capital of 13 dynasties and "Peony City". Now it has modern standard workshops, advanced equipment, strong capacity of technologies and complete inspection. With more than 10 years developing, CITICIC has become an integrated company with the abilities of manufacturing, installation, service.

Our productions refer to the fields of mining equipment, metallurgy equipment, building equipment, power plant equipment, petrochemical industry and related electronic control system, including equipment and machines of mining machinery, hoist, coal preparation machine, crushing and milling equipment, cement equipment, rolling machine, high power reducer and related casting and forged parts. Now our customers are from Dozens of countries all over the world. With the increasingly developing, CITICIC has approval of ISO:9001-2008 international quality management system certified and ANAB management system certified. As introducing the efficient performance management, the best choose and the best testing, CITICIC holds the spirit of never stop being outstanding, in accordance with high-level processing system to create value. Have the foresight, just have the future; have the vitality, just have the value. Looking back on the past days, CITICIC People live up to the history; looking ahead, all roads lead to the world!

CITICIC CONTENTS

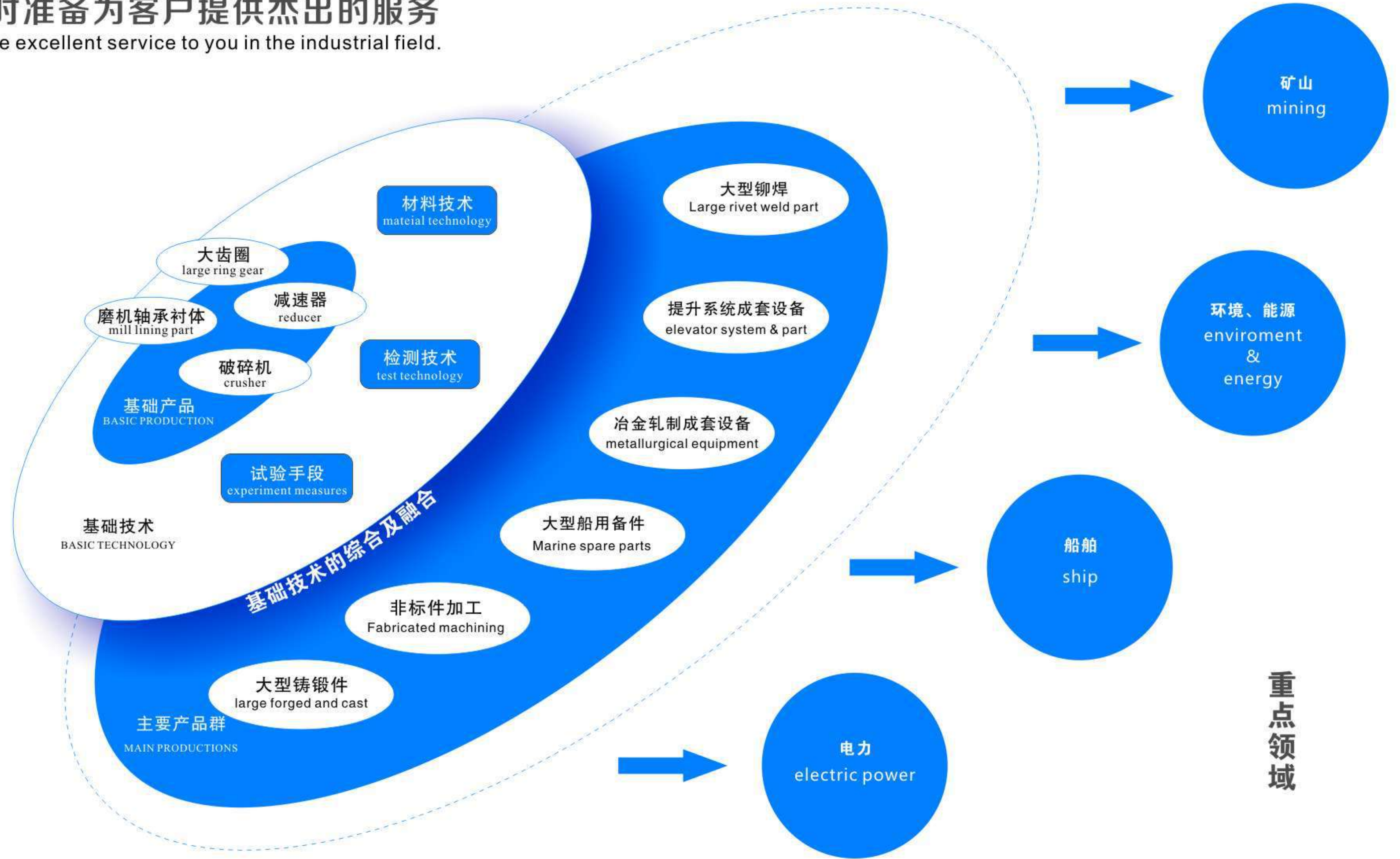
4	BUSSINESS FIELD
6	PRODUCTION INTRODUCTION ■ GRINDING MACHINE GRINDING MILL / MILL PART / CAST&FORGED / HOIST
13	■ MAIN MACHINE / PRODUCTIVITY ABLITY OF CAST & FORGED //HEAT TREATMENT //MACHINING
20	FOREIGN PROJECT
22	INSPECTION & TESTING
23	INSTALLATION & SERVICE

目录

4	事业领域
6	产品介绍 ■ 研磨产品系列 研磨产品系列磨机/磨机配套/铸锻件/提升机
13	■ 主要设备/制造能力 铸锻造能力/热处理能力/机加工能力
20	海外项目 全球网络
22	检验和测试手段
23	安装与服务

事业领域 Business Fields

在工业产品领域，我们随时准备为客户提供杰出的服务
At any time, we are always ready to provide excellent service to you in the industrial field.



- Technical support of feasible research
- Consultation of specification and products
- Quotation of projects and products
- Project design and optimization
- Machine building and auxiliary project
- Packing and transportation
- Installation and guidance on work site
- Commissioning testing
- Afterservice
- Maintenance and replacement

GRINDING MILLS

研磨产品系列 Grinding Products

- SAG MILL
·半自磨机
- CEMENT MILL
·水泥磨机
- ROD MILL
·棒磨机
- AG MILL
·AG磨机
- BALL MILL
·球磨机

成功从选择中和重工开始 Choosing CITICIC Choosing Success

节能球磨机 Energy-Saving Ball Mill

用滚动轴承替代传统的滑动轴承。使用滚动轴承的球磨机能改善启动条件，降低磨机启动转矩，磨机正常运转时的工作电流也比装配滑动轴承低，降低了磨机的功耗。滚动轴承采用润滑脂润滑，维护方便，节省润滑油。另外消除了滑动轴承可能研瓦的弊病，保证了磨机长期安全运转，提高了磨机的作业率和生产能力。

Rolling bearing replaces the traditional sliding bearing, which improves the starting condition, reduces the starting torque, working electricity, and its power consumption. The lubricating grease is very easy for maintaining and save the lubrication, so the rolling bearing uses it to avoid problem of bush-grinding. It will be safer and more efficient for the mill.

磁性衬板 Magnetic Liner

磁性衬板靠磁力在衬板的工作表面吸附一层由介质、介质碎块和铁磁性矿物组成的稳定保护层，避免物料与衬板的直接冲击和磨损，从而延长衬板的寿命。同时，磁性衬板吸附于磨机筒壁上，不用螺栓固定，拆装方便。降低了磨机的功耗。磁性衬板比锰钢衬板薄，重量轻，可提高磨机产量。磁性衬板一般适用于二段球磨机。

Magnetic liner has the protective layer adhered to its surface, the protective layer contains the medium, medium fragments and magnetic minerals, therefore avoid the directly impact and abrasion so as to prolong the using life. Meanwhile, the magnetic liner adhered to the wall of mill cylinder instead of bolt fasten, it is more convenient for assembly and disassembly, to reduce the mill power consumption. The magnetic liner has lower weight and thinner thickness than the Mn-Steel plate, which is better for increasing the output. This type liner is often used into the secondary grinding ball mill.

磨机 BALL MILL

广泛应用于黑色和有色金属矿山、非金属矿山、建材、水利工程等行业。对各种矿物和岩石的粉磨作业。

大型磨机 BALL MILL



采用的传动形式有边缘传动、中心传动、多点啮合边缘传动等传动形式；驱动形式有异步电机+减速器+小齿轮+大齿轮以及同步电机+空气离合器+小齿轮+大齿轮；一般采用两端静动压轴承的支撑方式；大型开式齿轮采用美国AGMA标准设计，装备有可靠密封的齿轮罩，设有干油自动喷雾润滑装置；筒体部为磨机的关键件，进行有限元分析，以保证其使用的可靠性，筒体采用自动焊、超声检测、整体退火和大型专用机床一次装卡加工；进出料斗、中空轴等动静结合部设有专用密封，保证其不漏油、不漏浆；中、大型磨机装备有慢速驱动装置，高低压润滑站；控制与保护系统采用PLC控制。



Transmission mode includes edge driven, centre driven, multipoint mesh edge driven and so on; driving mode includes asynchronous motor + reducer + pinion + gear and synchronous motor + air clutch + pinion + gear; Normally, adopting support way of the both ends of the static and dynamic pressure bearing; Large open gear follows the AGMA, equipped reliable sealing cover for gear and automatic glycerin spray for lubrication; Cylinder, the key part for a mill, adopted finite element analysis for reliability; produced and machined via automatic weld, UT test, integrally annealed and large special machine. Inlet & outlet, hollow shaft, and dynamic-static connection is equipped with special sealing for avoiding to leak. Mid and large size mill are equipped with slow-driven system and high & low voltage lubrication station Control and protection system are controlled by PLC.

伞齿轮 BEVEL GEAR RING

伞齿轮广泛应用于各类机床加工设备，矿山设备等方面，在各类设备中表现出卓越的性能。

Bevel gears are widely used in the fields of machining equipments, mining equipment and other industries, they owns the excellent performance in all kinds of equipments.



俄罗斯Φ4米伞齿轮检测
Testing to the Φ4m bevel gear for Russian customer



Φ6m的8瓣伞齿轮
The 8 parts gear ring of Φ6m is on the lathe.

磨机配套 MILL PART



该齿圈Φ12m, 由四瓣组成, 用于本公司国内客户的大型氧化回转窑工程。同时, 我公司还不断引进国外先进的技术设备, 使我公司的生产加工能力不断提高。

the Φ12m gear ring consists of 4 parts. it is used in the 2mt oxidized pellet rotary kiln project. Meanwhile, our company has introduced many advanced equipment and technologies, which improves our processing capacity greatly..

端盖 End Cover



出口俄罗斯的Φ8米的四瓣端盖。
The Φ8m ball mill cover consists of 4 quarters to Russia.

齿轮 gear



出口俄罗斯Φ3m齿轮
The Φ3m gear ring for Russian customer.

衬板 Liner



CrMo衬板 (出口澳大利亚)
我公司生产破磨设备中的耐磨铸件以及各种规格磨机的主轴瓦、托瓦。年产能力1000余吨。
CITICIC supplies the hardwearing rod and many sizes of main spindle bush, support bushing with 1000 ton annually.

磨机托瓦 Mill Supporting Tile



出口澳大利亚的托瓦
Mill supporting tile for our Australian customer

铸锻件 FORGED & CAST

大型铸锻件



大型齿轮轴

公司是中南地区铸锻中心, 拥有50T电弧炉、60t L钢包精炼炉、60t VD/VOD精炼炉等大型冶炼铸造设备, 最大铸钢件100吨, 最大灰铁铸件30吨, 最大球墨铸铁件20吨, 最大有色件2.5吨。

CITICIC the casting center of Mid-South of China, owns large melting and casting equipment: 50t electric-arc furnace, 60t ladle refining furnace, 60t D/VOD refining furnace, etc.. The largest steel casting is 100t, the largest gray iron casting 30t; the largest nodular iron casting 20t; the largest non-ferrous casting is 2.5t.

其他铸锻件



轧机机架Rolling machine frame



大型铸钢件Large cast steel part



托轮 support wheel



200T铸钢件 200T cast steel part



渣罐 slag ladle



曲轴 bent axle

船用铸件 Marine Castings



17.5万吨原油船挂舵臂
75,000 货船叶轮
Rudder horn for 175,000 ton crude oil ship



挂舵臂铸件配件
Rudder horn casting part



舵叶上铸件
Rudder blade casting part



船件
Marine parts



8.9万吨液化气船舵杆
Rudder stock for 89000 ton liquefied gas ship



8.6万吨货轮船柱
Sternpost for 86000 ton cargo ship

主要产品 Main Products

CITIC IC 公司年生产铸锻件产量10万吨，船用铸锻件是其中的主要组成部分，主要有：挂舵臂、舵叶上铸件、下铸件、叶轮、泵壳、轴架等；传动轴类：桨轴、中间轴、舵杆、舵销等。公司具有多年的船用铸锻件生产经验，工艺先进，技术力量雄厚，检测手段完善。具备各种船用制造和研配生产能力。现已获得CCS、LR、DNV、ABS、NK、KR、BV、GL、RINA等九个国家船级社的认可。

Its yearly productive capacity of castings and forgings is 10 thousand tons, among which are mainly used for making ships. The types of castings for ships are rudder horns, upper castings, lower castings, sterns, stern shafts, vanes and pump shell and etc. And the forgings are propeller shafts, intermediate shaft, rudderstock, pintle and etc. CITICIC has rich experience on production of marine castings and forgings for many years. The CITICIC owns the advanced technology, strong technical brigade and complete testing facilities and has the ability to manufacture and develop various marine cast/forged parts. Our products have been approved by such classification societies as CCS, LR, DNV, ABS, NK, KR, BV, GL and RINA.

船级社认证 Classification Society



矿井提升机 MINE HOIST

JKE单绳绕线式

JKE Single-Rope Hoist



本系列产品包括直径2m-5m，单筒与双筒各型号，是煤矿、金属矿和非金属矿的固定设备，用于提升煤、矿物、升降人员和下放材料、设备等，也可以做其它牵引运输用。

CITICIC supplies this series of hoist ranging from diameter 2m to 5m, including many types of single and double drum hoists, which are the indispensable equipment for the coal mine, golden mine, and non-metal mine, to elevate up coal, mineral, people and down equipment, tool and etc., and often to be used as traction equipment in any other conditions.

我们已经拥有超过4300套在JK和JKMD的系列生产各种大型矿井提升机。在中国的市场份额超过30%。在出售这些是世界上最大的JK系列提升机，葫芦2JK-6.3/20单筒；的JKMD5.7x4多绳落地式启闭机JKMD系列和在中国的市场份额超过88%。在出售这些是世界上最大的JK系列提升JKYB3x2.5XP液压防爆提升机。

With over 4300 sets in our JK and JKMD series we have produced various large-scale mine hoists. Market share in China exceeds 30%. Among those sold is the largest hoist in the JK series, the 2JK-6.3/20 single-rope hoist; the JKMD-5.7x4 multi-rope the 2JK-6.3/20 single-rope hoist; the JKMD-5.7x4 multi-rope floor-mounted hoist in JKMD series and JKYB-3x2.5XP hydraulic anti-explosion Hoist.

JKMD多绳摩擦落地式

JKMD Multi-Rope Hoist



本系列产品包括直径1.85m-4m井塔式各规格型号，可用于煤炭、金属和非金属的竖井的矿物提升、升降人员和下放材料、设备等。

This series of hoist includes many types of well-tower-type hoist from diameter 1.85m to 4m, which are often used for the coal mine, gold mine, and non-metal mine, to elevate up coal, mineral, people and down equipment, tool, etc.

提升机配件 Hoist Parts

配套产品：天轮、导向轮、制动器、电控、液压站、工程塑料、减速器、深度指示器、联轴器。
Hoist Accessories: Depth Indicator, Planet Gear Reducer, Disc Brake, Hydraulic Control System, Coupling.



减速器 REDUCER

JGF与MGF中心驱动减速器 Reducer for sugar mill



技术特点：

由主减速器、入轴联轴器、联接装置、慢速驱动装置、稀油润滑站和监控系统组成。全部齿轮选用低碳合金钢渗碳淬火处理，硬度达HRC57+4。经磨齿加工，精度达GB10095的6级以上。所有零件的设计寿命均在10年，滑动轴承为永不磨损型。

Technical features:

Consist of the main reducer, inside shaft coupling part and coupling device, slow driving device, and thin oil Lubrication station and monitor system. All gear produced by low carbon alloy steel through carburizing and quenching treatment, with hardness of HRC57 + 4. Through grinding processing, the accuracy of the gear can be up to level 6 or above of GB10095. All parts with the designed life of 10 years or above and all of the sliding bearings will never be wearied.

提升机减速器 Reducer for hoist



Zz系列行星齿轮减速器

本产品已纳入JB/T9043.2标准，属低速大扭矩行星齿轮减速器，适用于矿山、冶金、化工、能源、起重运输等行业，机械设备的主传动和辅助传动。如：矿井提升机，重型输送机等。本系列减速器采用行星齿轮传动，分ZZD, ZZL, ZZS, ZZDP, ZZLP. Planetary gear reducer of ZZ series

This type has been included in the standard of JB/T9043.2, belongs to high torque at low speed planetary gear educe, suitable for mine, metallurgy, chemical engineering, power, lifting and transportation and etc. including the ZZD, ZZL, ZZS, ZZDP, ZZLP.



圆柱齿轮减速器 Reducer for vertical mill



- ZZ系列行星齿轮减速器 Planetary gear reducer of ZZ series
- 辊压机系列减速器 Rolling machine series reducer
- 平行轴圆柱齿轮减速器 Parallel axis cylindrical gear reducer
- 轧机减速器 Rolling mill reducer
- 立磨系列减速器 Vertical grinding reducer
- 筒形磨系列减速器 Cylindrical grinding series reducer
- X系列行星齿轮减速器 X series planetary gear reducer
- 水泥磨机减速器 Cement mill reducer

各类减速器 Other reducers



中和重具有各种精密齿轮加工加床和检测仪器，具备领先技术设计、制造能力，多年来不断引进德国、瑞士、丹麦、英国的技术和装备，可生产大模数、中硬齿面平行轴、垂直轴及行星减速机，质量和性能均达到国际先进水平。

CITICIC has all kinds of precise gear processing machine and testing instruments, with advanced technology, manufacturing capacity, many years, introducing the advanced technologies and equipment's from Germany, Switzerland, Denmark, England. CITICIC can produce the large module, mid-hardness surface parallel gear shaft, vertical shaft and planetary reducer, up to international advanced level.

主要设备、制造能力 MAIN EQUIPMENT AND MANUFACTURING CAPACITY

集团公司拥有各类设备200多套。其中：机加工设备100多台，热加工设备40多套，金属切割机30多套，各类起重设备40多套，拥有一批或内稀有大型精尖设备及国外进口的先进设备。机加工门类齐全，制造工艺精良，有很强的市场应变能力。

CITICIC has more than 200 sets, including more than 100 sets processing machines, more than 40 sets of heat treatment, more than 30 sets of metal cutting machines, more than 40 sets of hoisting equipment's, series of large advanced machines and foreign machines, all kinds of machining equipment's. Also we have high processing ability and adapting ability.

铸锻造能力 Casting capacity

热处理能力 Heat treatment capacity

机械加工能力 Machining capacity

12000吨压力机 12000t press machine

5×15m台车式热处理炉 5x15m car-type heat treating furnace

Φ6.2m立式数控加工中心 Dia 6.2m CNC Vertical Machining Center

60吨LF钢包精炼炉 60t refined-smelting ladle furnace

7.5×18m热处理炉 7.5x18m heat treating furnace

Φ5m数控成型磨齿机 Φ5m CNC molding gear grinding machine

4000吨水压机 4000t water press

8.5×18m热处理炉 8.5x18m heat treating furnace

Φ4m数控高速滚齿机 Dia 4m High-speed CNC gear hobbing machine

R-H钢水真空循环脱气装置 R-H Liquid steel vacuum cycle degasser

8.5×12m台车式热处理炉 8.5x12m car-type heat treating furnace

Φ320mm落地镗铣床 320mm floor-type milling & boring machine

Φ12m梳齿机 12m rack shaping machine

Φ200mm 数控落地镗铣床 Dia 200mm CNC floor-type milling & boring machine

铸锻造能力 CASTED & FORGING CAPACITY

公司各类铸锻造设备齐全，能够生产的锻件最大单重为80吨，同时，公司的大型轧环机可生产环形锻件最大单重为100吨。也可轧制碳钢、合金钢、高温合金及铜、铝、钛等有色合金的各种断面环形件，最大可轧制直径5.5米，单件重10吨。

we have various of cast/forging equipment's, our max forged part can be up to 80ton, our rolling mill equipment can machine the carbon steel, alloy steel, high temperature alloy and non-ferrous alloys such as copper alloy, aluminum alloy and titanium alloy. The maximum rolling diameter is up to 5.5m, and the unit maximum is up to 10 ton.

12000T 自由锻压力机 12000T free forging press machine



12000T 加热炉群 12000T heat treatment group



4000t 油压机 4000T oil press machine



Φ5米数控碾环机 Φ5m CNC ring rolling mill



设备展览 Equipments



数控锯床
CNC sawing machine



φ15米滚齿机
φ15m Gear hobbing machine



2.2m x 1.8m 数控龙门铣
2.2m x 1.8m CNC gantry milling machine



德国 SCHIESS 希斯产
5米高精度高刚性滚齿机
Germany SCHIESS
FRORIEP hobbling machine



数控龙门铣CNC gantry
milling machine



五面龙门加工中心
Five gantry machining center



公司具有完备而精良的技术装备，重型立车、大型滚齿机、落地镗、卷板机、铣齿机、插床、伞齿刨、双面铣等大型特种设备以及齐全的通用机械加工设备。机加工门类齐全，制造工艺精良，有很强的市场应变能力。

CITICIC has the complete and excellent technologies and equipment's: heavy vertical lathe, large hobbling machine,

floor-type boring machine, veneer reeling machine, gear milling machine, slitter, Umbrella gear shave, double-sided milling machine, etc and other special equipment & the complete general machinery processing equipment with the strong market strain ability.

热处理能力 Heat Treatment Capacity



我公司拥有各类渗碳炉，井式炉，自动控制台车式热处理炉群等。

CITICIC has all kinds of carburizing furnace, vertical pit furnace, automatic controlled car-type heat treatment furnace group and etc



8.6米X4.6米X3.5米台车炉，煤气加热，全电脑控制，最高温度达1100°C。

Trolley Furnace 8.6m X 4.6m X 3.5m gas heating, full computer control, the maximum temperature is up to 1100°C



6米 X 13米自动控制台车炉

66m X 13m automatic controlled trolley Furnace



2.6米X5.4米X1.6米台车炉，电加热，最高加热温度1050°C。

Trolley Furnace 2.6m X 5.4m X 1.6m electric heating, max temperature is up to 1100°C

热处理设备概览

Overview for our heat treatment equipments



热处理能力：

轴类：φ800/L4000mm以内的各种轴类、轧辊等的调质、表淬；
圈类：φ6000mm以下各种轴承辊道、齿圈的调质、表面淬火；
齿类：可进行模数5以上齿类零件的表面淬火，淬火深度1~15mm；

调质零件尺寸：6000×3000×2000

最大调质半齿圈直径8米。

Heat treatment capacity:

Shaft: Quenched and tempered, surface quenching for variety of rollers and shafts within dia 800/ L4000mm, etc.

Circle categories: quenching, surface quenching for bearings within dia 6000mm,

Ring gear, gear categories: surface quenching for modules of 5 or more gear component, the quenching depths is 1-15mm.

Quenched and tempered component Size: 6000 × 3000 × 2000

Maximum diameter of quenched and tempered half Gear is 8000m



有色、冶金行业 Nonferrous Metallurgy



PJ-1200简摆颚式破碎机
PJ-1200 simple pendulum jaw crusher



出口马来西亚双齿辊破碎机
Double Roller Crusher for Malaysia



复摆颚式破碎机
Jaw Crusher

双齿辊破碎机系列Double teeth roller
颚式破碎机系列Jaw crusher
圆锥破碎机系列Cone crusher
反击式、锤式破碎机系列Impact Crusher, Hammer crusher
振动筛系列Vibrating Screen
光辊破碎机系列Roller crusher
高压压球机high pressure briquetting machine

其他 Others



破碎辊
Crusher Roller



破碎辊装配
Crusher Roller



齿轮组
Gear Device



压辊
Press Roller



托轮
Press Wheel



破碎转子体
Crusher rolling part

机加工设备 Machining Capacity

大型立车 Large vertical lathe

中和重工机加工车间，具备单件100吨以下各类铸件的粗加工和精加工能力。机加工设备有：3.2-12米单双柱立式车床、卧式车床、落地镗铣床等，可加工直径12米的各种铸锻件。

CITICIC machining department, with the rough and finish machining ability, can machine the single cast unit of lower 260 ton, machining equipment are: 3.2 to 12 m single and double column vertical lathe, horizontal lathe, floor type boring and milling machine, etc., can be processing all kinds of castings and forgings part of lower 12m in diameter.



Φ8m数控立车
Φ8m CNC horizontal lathe



Φ10m数控立车
Φ10m CNC horizontal lathe



Φ12m数控立车
Φ12m CNC horizontal lathe

数控设备 CNC Equipment

中和重工拥有各类设备多台套。其中：热加工设备40多台，各类起重设备40多台，拥有一批国内稀有的大型精尖的设备及国外进口的先进设备。机加工门类齐全，制造工艺精良，有很强的市场应变能力。

CITICIC owns many types of equipment: more than 40 sets of heat treatment machine, more than 40 sets of lifting machine, and other advanced machine, with the excellence procedure, we have the strong adaptability to the market.



磨齿机
Niles grinding machine group



加工中心
Machining Center



插齿机
Gear sharpening machine



德国纳尔司公司5米数控成形磨齿机
Germany NILESO 5m CNC grinding machine



数控车间
CNC equipment department



数控齿轮加工中心
P-3200 Gleason-Pfauter hobbing machine P1600/2000

数控设备 CNC Machine

中和重工拥有先进水平的加工装备，高精度的数控机床、大型加工设备和特种检测设备，为产品质量和企业发展提供了有利保障。

CITICIC has advanced manufacturing equipments. Our high-precision CNC, large equipments & special test equipments provide powerful guarantee to quality and company development.



数控龙门铣
CNC gantry milling machine



镗床TJK6920A 5m×10m
TJK 6920A boring machine 5x10m



Φ800x5000m程控外圆磨床
Φ800x5000m outer circle milling machine

大型铸锻件机加工 Machining the large cast and forged part



我公司CAE应用研究所引进世界先进计算机模拟软件（材料软件、铸造软件、热处理软件等）。这些软件的应用极大提高大型冶金设备关键部件的质量。

Our GAE institute has introduced the advanced computer simulation software of material, casting, heat treatment, which greatly improve the quality of large metallurgy parts.



合作理念
Cooperation Principle
诚信严谨，创新共赢。
INTEGRITY, RIGOR, INNOVATION, MUTUAL BENEFIT.

全球网络 worldwide Network

海外项目 Over sea projects

与EXMAR公司合作船件项目
Marine parts business for EXMAR



与巴西IESA合作回转支撑项目
Business with Brazilian customer



与外商进行产品最终检查
Products testing with our customer



澳大利亚客户齿轮第三方检测
Third party testing large gear ring for Australian customer



South Africa
Holland
New Zealand
Denmark
Canada

America
Turkey
Australia
Malaysia
Serbia

India
Brazil
Belgium
Russia
Italy

Poland
Germany
Spain
Mexico
Zambia

南非
荷兰
新西兰
丹麦
加拿大

美国
土耳其
澳大利亚
马来西亚
塞尔维亚

印度
巴西
比利时
俄罗斯
意大利

波兰
德国
西班牙
墨西哥
赞比亚



中和重工在世界各地建立了广泛的销售网络和业务联系，在贸易方式、合同规范和技术标准等商务和技术方面与国际世界接轨，产品远销世界20多个国家和地区。

CITICIC has established an extensive selling network and business relationship around the World. We are approved by the global market on the aspects of trading term, specification, and technical standards. Our customers are from more than 20 countries in the world.

检测和试验手段 INSPECTION & TESTING

中和重工具备完整的检测和实验手段，国家计量局认定的一级长度计量值传递单位。具有计量、机械性能、振动噪音、理化分析试验、电气传动、齿轮检测、无损检测、机械载荷谱测试、流体传动试验等多种专业检验检测手段。

CITIC IC owns the complete testing and experiment measures, with the capacities and measurements of mechanical properties, vibration noise physical and chemical analysis test, the electric transmission, gear detection, non-destructive testing, mechanical load spectrum testing, fluid transmission



拉力试验机
Tensile testing machine



压力试验机
Compression testing machine



材料试验机
Material testing machine

安装与服务 SERVICE FOR CUSTOMERS

中和重工严格执行ISO9001质量国际标准进行质量控制和售后服务，履行产品质量承诺，实行产品质量跟踪，提供技术培训，安装调试等优质服务。

CITIC IC strictly carries out the quality control and after-sales service in accordance with the ISO9001, performs its quality commitment, undertakes the product quality tracing, and provides the technical training, installation and commissioning, etc.

理化分析和检测：拥有EJ1000三坐标测量机，6米测长机，CMT5305型的300KN电子万能材料试验机（双高温炉），SHT4106型1000KN微控电液伺服万能材料试验机，当代最先进Axio Observer Z1 M型研究级倒置全自动智能数字万能材料显微镜，日本岛津公司FX-1800型X射线荧光光谱仪，美国利曼公司Prodigy XP型ICP，德国U SN60、英国Sonatest450P、美国EPOCH LTC、国产YUT-2820、PXUT-350+等先进的超声波探伤设备。

Physical-chemical analysis and detection: EJ1000 coordinate measurements machine, 6m length measurement machine, 300KN electrical material tester of CMT5305, 1000KN Electro-hydraulic servo universal testing machine of SHT410, advanced Axio Observer Z1M research-grade inverted automatic intelligent digital universal micro- scope, SHIMADZU's FX-1800 X-ray fluorescence spectrometer, America Leeman's prodigy XP ICP, German USN60, UK Sonatest450P, America EPOCH LTC, Chinese YUT-2820, PXUT-350+ and etc. UT equipment



在赞比亚现场服务
Service in Zambia



俄罗斯碱塔备件发货现场
The alkali tower parts are ready to be delivered to Russia

Working On Wonders

创造奇迹分享感动

销售·工程·设计·服务

SALES·PROJECTS·DESIGNING·SERVICE