LDB®

LEADING MANUFACTURER
OF SLEWING BEARING AND SLEW DRIVE

25th ANNIVERSARY

LUOYANG LONGDA BEARING CO.,LTD

LDB® SLEWING BEARING
SLEW DRIVE

回转支承、回转驱动装置领域的领先制造商
LEADING MANUFACTURER OF SLEWING BEARING AND SLEW DRIVE



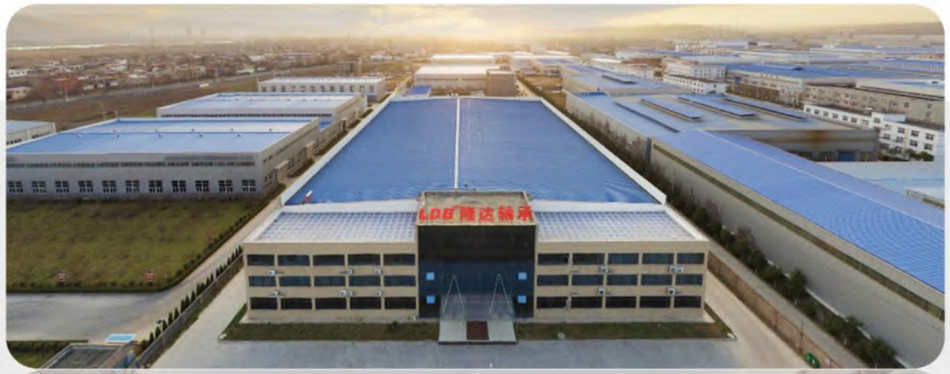












洛阳隆达轴承有限公司 成立于1999年，位于中国轴承生产基地——河南洛阳，注册商标为 LDB，是一家集精密转盘轴承（回转支承）及精密回转驱动的设计、研发、制造与销售于一体的专业企业。公司于2019年通过德国 TUV 的 ISO9001:2015 质量管理体系认证，从原材料入厂到成品出厂实行严格的过程与质量控制。产品广泛应用于精密数控机床、港口机械、矿山机械、医疗设备、冶金机械、工程机械、风电设备等领域，90%出口至全球73个国家和地区，并在印度、伊朗、土耳其、俄罗斯、巴西等地设有代理商。公司现有员工80人，其中60余人为生产人员，配备多台数控车床、钻床、磨床、加工中心、滚齿机、插齿机及淬火设备，并拥有齿形仪、啮合检测仪、三坐标测量机等检测设备。年度产值方面，回转驱动超过1000万，回转支承超过2000万。洛阳隆达秉承“精心制造、服务全球”的愿景，致力于成为国际知名的转盘轴承与回转驱动制造商。

Luoyang Longda Bearing Co.,Ltd. founded in 1999 and located in Luoyang, Henan—China’s major bearing manufacturing base—operates under the registered trademark LDB. It is a professional manufacturer integrating the design, R&D, production, and sales of precision slewing bearings and slewing drives. In 2019, the company obtained ISO9001:2015 quality management system certification from Germany’s TUV, implementing strict process and quality control from raw materials to finished products. Its products are widely used in CNC machine tools, port machinery, mining machinery, medical equipment, metallurgical machinery, construction machinery, and wind power equipment. With 90% of its products exported to 73 countries and regions worldwide, the company also has agents in India, Iran, Turkey, Russia, Brazil, and other markets. Longda has 80 employees, including over 60 production workers, and operates multiple CNC lathes, drilling machines, grinding machines, machining centers, gear hobbing and shaping machines, and quenching equipment, as well as advanced inspection tools such as gear profile testers, meshing testers, and CMMs. Annual output value exceeds 10 million RMB for slewing drives and 20 million RMB for slewing bearings. Upholding the vision of “Manufacturing with precision, serving the world,” Longda is committed to becoming an internationally recognized manufacturer of slewing bearings and slewing drives.

20th
Over 20 years of production experience

Exported to 73 countries

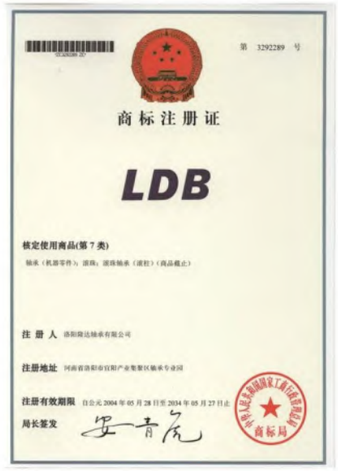
High and new technology enterprises

Advanced production equipment

Intimate service



BUSINESS LICENSE



TRADEMARK



FOREIGN TRADE REGISTRATION FORM



ISO CERTIFICATE



LETTER OF PATENT



HENAN SMALL AND MEDIUM-SIZED SCITECH ENTERPRISE



NEW HIGH-TECH ENTERPRISE



E-COMMERCE ENTERPRISES



MUNICIPAL ENTERPRISE R&D CENTER

生产设备 PRODUCTION EQUIPMENT



CNCVERTICAL LATHE



CNC MACHINING CENTER



3METER CNC DRILLING AND MILLING MACHINE



GEAR HOBBING MACHINE



CNC HEAT TREATMENT MACHINE

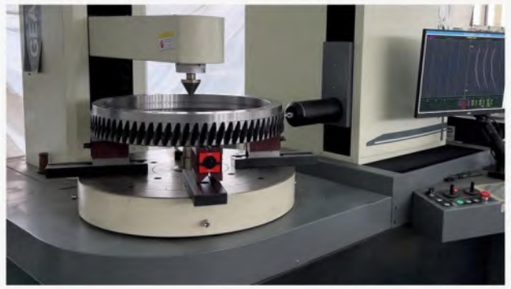


CNC GRINDING MACHINE

检测设备 TEST EQUIPMENT



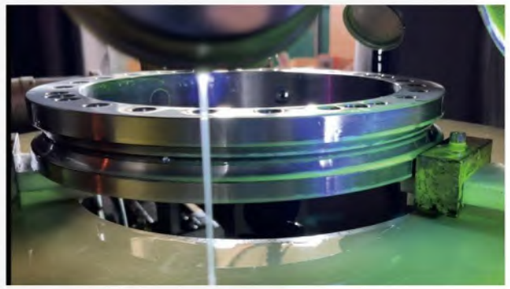
CMM



CNCVERTICAL LATHE



GEAR MESH DETECTOR



FLUORESCENT MAGNETIC PARTICLE INSPECTION MACHINE



RACEWAY QUENCHING DEPTH DETECTION



ULTRASONIC TESTING



















- 工业自动化
  Industrial Automation
- 挖掘机、挖掘机属具
  Excavators 、rotary attachments
- 起重机
  Cranes
- 矿山设备
  Mining Equipment
- 医疗设备
  Medical Equipment
- 水泥机械
  Cement Machinery
- 风力发电
  wind-generated electricity
- 光伏发电
  photovoltaic power generation
- 冶金机械
  Metallurgical Machinery
- 航空航天
  Aerospace Industry
- 盾构设备
  Shield Tunneling Equipment
- 工程机械
  Construction Machinery
- 堆取料机设备
  Stacker Reclaimer Equipment
- 雷达
  Radar
- 林业机械
  FORESTRY MACHINERY

- 四点接触球转盘轴承 Four-Point Contact Ball Slewing Bearings



- 交叉滚子转盘轴承 Crossed Roller Slewing Bearings



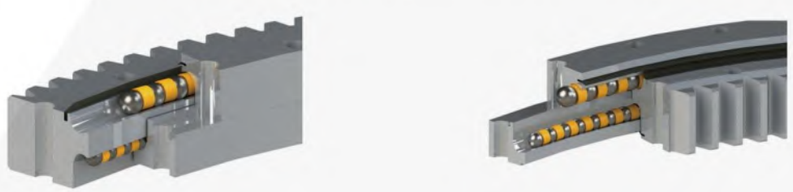
- 法兰式转盘轴承 Flanged Slewing Bearings



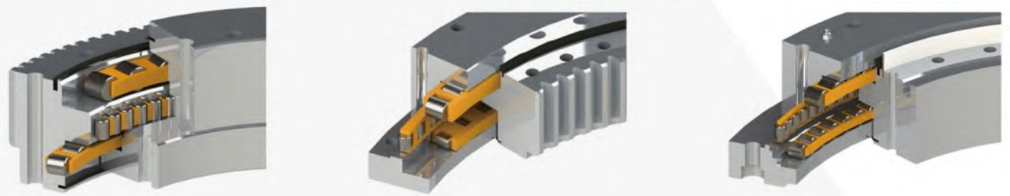
- 双排同径球转盘轴承Double-Row Same Diameter Ball Slewing Bearings



- 双排异径球转盘轴承Double-Row Different Diameter Ball Slewing Bearings



- 三排圆柱滚子组合转盘轴承 Three-Row Combination Cylindrical Roller Slewing Bearings





• SG-I



• SG-M



• SG-H



• SX



• SXA



• SWA



• SWB



• HSWA



• HSWA-2



• HSWB



• SXO



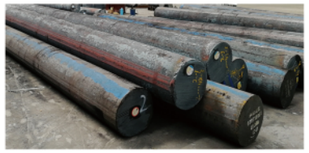
• SWO

回转支承生产流程 PRODUCTION PROCESS OF SLEWING BEARINGS

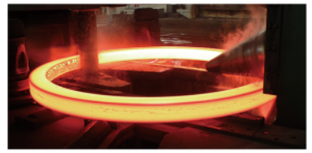
LDB®

- 数十道严格的工序层层把控，打造出符合世界品质的回转支承 。
  Through dozens of strict processes , we control each step to create slewing bearings that meet global quality standards
- 回转支承的锻件材料是50Mn/42CrMo。The material of forging is 50Mn or 42CrMo.

- 原材料
  Raw material



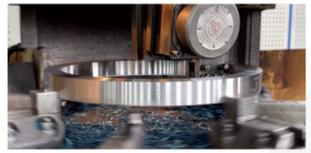
- 锻造
  Forging



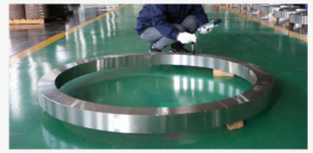
- 正火/调质
  Normalizing / Tempering



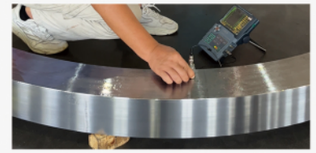
- 粗车
  Rough Turning



- 粗车后硬度检测
  Hardness test after rough turning



- 超声波探伤
  Ultrasonic testing



- 半精车
  Semi-extractive turning



- 滚道淬火
  Raceway quenching



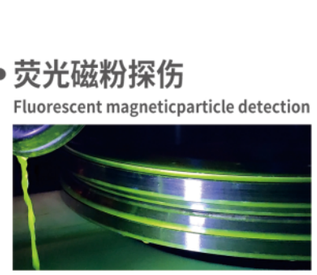
- 滚道硬度检测
  Testing of hardened surfacehardness



- 淬火硬化层深度检测
  Depth testing of hardened layer



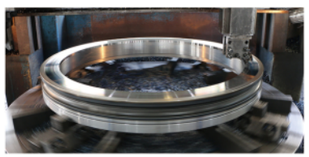
- 荧光磁粉探伤
  Fluorescent magneticparticle detection



- 稳定回火
  Stable



- 精车
  Finish



- 制齿
  Gear cutting



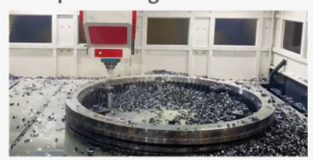
- 齿淬火
  Gear quenching



- 齿检测
  Gear testing



- 钻孔
  Hole processing



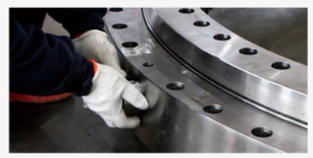
- 孔检测
  Hole detecting



- 配游隙
  Matching clearance



- 装配
  Assemble



- 成品检测
  Finished productinspection



- 成品
  Finished product



- 包装
  Packing



- 运输
  Transport



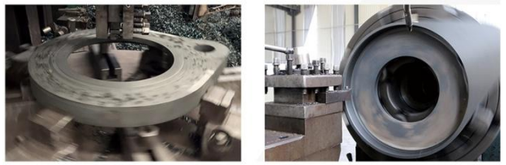
回转驱动生产流程 PRODUCTION PROCESS OF SLEW DRIVE

LDB®

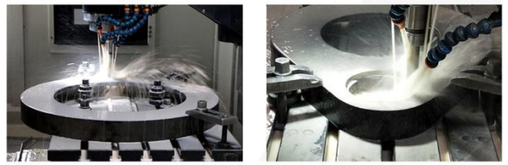
1 回转支承锻件 42CrMo、壳体毛坯 QT450-10 球墨铸铁



2 壳体加工 SHELL PROCESSING



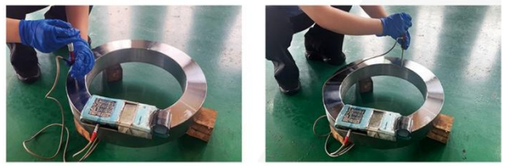
3 壳体铣加工 MILLING PROCESSING



4 回转支承粗车 ROUGH TURNING



5 回转支承锻件硬度检测 HARDNESS TESTING OF FORGINGS



6 回转支承超声波探伤 ULTRASONIC TESTING



7 回转支承半精车 SEMI-EXTRACTIVE TURNING



8 回转支承滚道淬火 RACEWAY QUENCHING



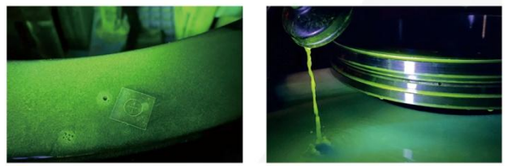
9 回转支承滚道硬度检测 TESTING OFHARDENED SURFACEHARDN.



10 回转支承淬火硬化层深度检测 DEPTH TESTING OF HARDENED LAYER



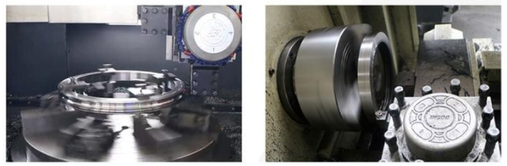
11 回转支承荧光磁粉探伤 FLUORESCENT MAGNETICPARTICLE DETECTION



12 回转支承稳定回火 STABLE



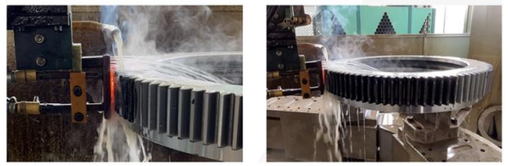
13 回转支承精车 FINISH



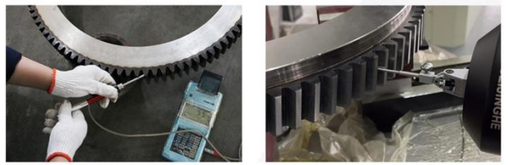
14 回转支承滚齿 GEAR HOBBING



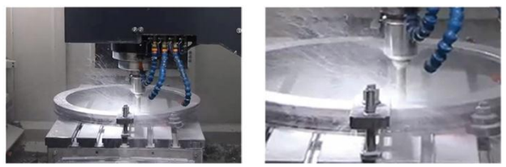
15 回转支承齿淬火 GEAR QUENCHING



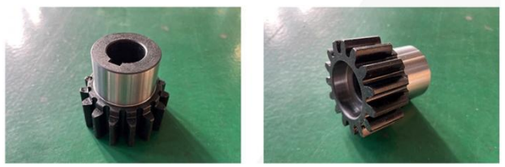
16 回转支承齿轮检测 GEAR TESTING



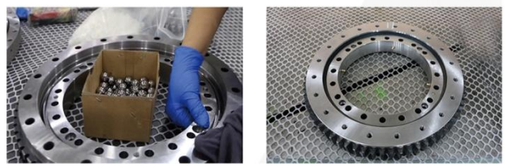
17 回转支承钻孔 HOLE PROCESSING



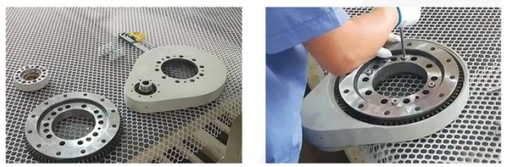
18 小齿轮 T3077 硬度HB229-269、齿面淬火硬度 40-50HRC



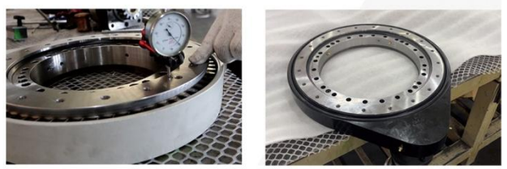
19 回转支承装配 ASSEMBLE



20 直齿驱动装配 ASSEMBLE



21 成品检测 FINISHED PRODUCTINSPECTION



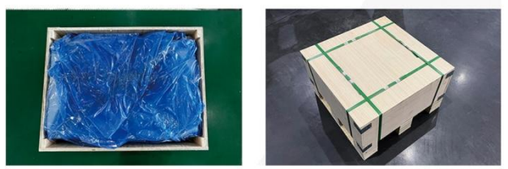
22 标识 MARK



23 成品 FINISHED PRODUCT



24 包装 PACKING



TRUST THE CHOICE OF GLOBAL 500, TRUST THE PRODUCTS FROM LDB

NATIONAL OILWELL VARCO
Nexans ELECTRIFY THE FUTURE
KEI
NEWMONT
df Powered by experience
KAMAN
Kubota
BAUER
Eilbeck CRANES
FASSI
EMS ENERGY
MUGHAL STEEL
TOSÇELİK
TAMKAR
WELSPUN CORP
SGL STEELCO GUJARAT LIMITED We do Great Things together
SARDA SARDA ENERGY & MINERALS LTD.
IUSASOL
TERBERG GROUP
LIEBHERR
ZOOMLION 中联重科
CASC 中国航天
首钢集团 SHOUGANG GROUP
中国兵器工业集团有限公司 CHINA NORTH INDUSTRIES GROUP CORPORATION LIMITED
MEDNOVA 美诺瓦医疗
NORTEC
ARITEX Engineering since 1961
tpg TOUT POUR LE GRAIN
Jereh

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