

机电产品样本

Samples of Products
of Mechanical and
Electric Machinery

中国科学技术出版社
CHINA SCIENCE AND
TECHNOLOGY PRESS

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前言

为适应当前的改革形势,促进机电行业技术交流和沟通生产厂家与用户的渠道,发展国内外贸易,机械工业标准化技术服务部、中国科学技术出版社组织编写了《机电产品样本》。《机电产品样本》介绍了我国机电行业 100 多个生产厂家的概貌、生产能力、技术水平、业务范围、产品特点以及新产品等,为国内外的经济贸易工作提供了可靠的信息,并为机电行业以及有关行业的科研单位、工矿企业之间建立联系提供了方便。

《机电产品样本》为 16 开本,以中英文对照形式出版,在国内外通过新华书店、中国国际图书贸易公司和国内外专门发行网络公开发行。限于编者水平,书中错漏之处请读者批评指正。

编者

1988 年 8 月

PREFACE

To suit the present situation of reform, promote technical exchanges in machinery and electric industry, link up manufacturers and users and develop domestic and foreign trade, Standardization Technical Service Department of Machinery Industry and China Science and Technology Press have jointly compiled 《Samples of Products of Mechanical and Electric Machinery》. 《Samples of Products of Mechanical and Electric Machinery》 introduces general overview, production capacity, technical level, business scope, product properties and new products of more than 100 manufacturers in machinery and electric industry of our country. The book provides reliable information for the economic and trade work at home and abroad, facilitates the establishment of relations between scientific research units and factories and mines of related industries.

《Samples of Products of Mechanical and Electric Machinery》 is English-Chinese bilingual and in 16 mo. The book will be distributed by Xinhua Bookstore and China International Book Trading Corporation at home and abroad, and through domestic and foreign special distribution network. Due to the limitation of the editor's ability, however, there must be any errors and imperfections in the book. So it is hoped that readers or users will kindly contribute opinions and suggestions.

Editor

August, 1988

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一. 冶金、矿山、 起重运输及 工程机械

长江起重机厂

地址：四川省泸州市

电话：3234

电报挂号：6386

该厂系机械工业部重点、骨干企业，经营历史悠久。目前已成为我国主要的汽车起重机制造厂之一，是唯一的全系列生产汽车起重机的厂家，并且是中、大型汽车起重机制造中心，设备齐全，技术力量雄厚，制造经验丰富。该厂生产的长江牌汽车起重机质量稳定可靠，在历次全国同行业质量检查时均名列前茅。

主要产品：

长江牌 QY5、QY8、QY16、QY20、QY40、QY75、QY125 等各式液压汽车起重机，以及各种优质液压汽车起重机配件。

目前，长江起重机厂正与联邦德国利勃海尔公司进行技术合作，生产具有国际 80 年代水平的 LIEBHERR——长江牌的 LT1040、LT1080、LT1125 型液压汽车起重机，并能提供各种优质配件。

该厂将尽力为国内外用户提供良好的技术服务，并乐意与国内外厂商进行技术合作。

大连起重机器厂

地址：辽宁省大连市沙河口区汉阳街 208 号

电话：44934（总机），42969（经营）

I. Metallurgical, Mining, Hoist & Transportation Equip- ments, Construction Machinery

Changjiang Crane Works

Address: Luzhou, Sichuan, China

Tel.: 3234

Cable: 6386

Being a major enterprise under the Ministry of Machine Building Industry, this works has years of experience in manufacturing truck crane and is one of the leading truck crane manufacturers of China, the only one with the capacity to produce all sizes of truck cranes. It is a manufacturing center of medium and large size truck cranes and is complete in equipment, strong in technical force and rich in experience. Changjiang Brand Truck Crane is stable in quality and ranks first in quality inspection many times.

Main products:

Changjiang brand hydraulic truck crane models QY5, QY8, QY16, QY20, QY40, QY75, QY125, and their high quality spare parts.

At present, the works has entered into joint venture with LIEBHERR Co. Germany for producing the latest developed LIEBHERR-CHANGJIANG brand truck crane models LT1040, LT1080, LT1125 which are up to advanced international level of the eighties, and their high quality spare parts.

This works always does its best to offer their customers good technical service and is ready to establish technical cooperation with domestic and foreign enterprises.

Dalian Crane Plant

Address: 208, Hanyang Street, Shahekou District, Dalian, Liaoning, China

Tel.: 44934 (switchboard), 42969 (manager)

Cable: 4153

Telex: 86415 DCWC CN

电报挂号: 4153

电传: 86415 DCWC CN

该厂是机械工业部的重点企业, 是我国最大的起重机专业制造厂, 已有 40 多年的生产历史, 现有职工 7000 余人, 并设有专门从事研究和开发新品种、提高产品质量的起重机研究所。

该厂技术力量雄厚, 工艺装备先进、完善, 测试仪器精良可靠, 并具有大型完善的起重机试验台, 产品性能优越, 质量稳定可靠, 年产各种起重运输设备千余台, 产品行销国内外, 深受用户欢迎, 享有很高声誉。

主要产品:

1. 起重量 5~400 t 桥式, 5~320 t 门式、半门式起重机; 各种吨位的冶金、吊钩、挂梁、电磁、抓斗、二用、三用、缆索、制冰、集装箱起重机; 装卸桥、启门机; 链斗式、螺旋式卸料机; 圆形料场斗轮推取料机; 各种吨位的特殊要求的起重机。

2. 螺旋焊管机组; 架桥机; 码头、海港输油栈桥; 输油臂 (鹤管)。

该厂还可承接各种大型焊接结构产品和各种特殊要求的起重机的科研、设计和制造; 供应备品备件; 接受技术咨询、提供安装技术指导和用户维修等服务项目。

该厂设计制造的螺旋焊管机组曾获 1979 年原一机部重大科技成果一等奖, 其中, 飞焊车和万能滚动成型机荣获国家科学大会三等发明奖, 5~50t 桥式起重机 1980 年被原一机部授予质量信得过产品称号, DQ 牌 5~50/10t 吊钩桥式起重机 1982 年荣获国家银质奖。

The plant is a major enterprise under the Ministry of Machine Building Industry and is the largest specialized manufacturer of cranes in China. The plant has a production history of over 40 years and now has more than 7000 workers and staff members. A professional research institute of crane engaged in researching and developing new products for increasing its quality is set up there.

With skilled technical manpower, advanced and complete technical equipment and accurate measuring instruments as well as a large-scale test bed added to it, all its products have excellent performance, stable and reliable quality and so sell well both at home and abroad, welcomed by users and enjoy a good reputation.

Main products:

1. Cranes: 5~400 t cranes of bridge type, 5~320 t cranes of portal and semi-portal type; cranes for various purposes, such as for handling materials in metallurgical plant, the hoist type, beam-hanging type electro-magnetic type, grab type, dual-function type, triple-function type, cable type and the types used for refrigeration and container transportation with various tonnages; loading bridges; sluiceway hoisting devices; chain-bucket type and screw type unloaders; bucket stackers and reclaimers for rounded field application; special-purpose cranes of other types with various tonnages.

2. Spiral tube welding sets; bridge erecting cranes; oil-transferring bridges applied in wharfs and harbours; oil-transferring arms (the crane tubes).

The plant also undertakes the jobs of manufacturing large-size welding structural products and accepts orders for research, design and manufacture of various cranes; supplies spare parts and components; offers technical services including such items as consultation and guidance on installation and reparation.

The Spiral Tube Welding Sets designed and manufactured by the plant were awarded the first prize of the important scientific and technical achievements by the former First Ministry of Machine Building Industry in 1979, while The Fly Welding Car and The Universal Roll Forming Machine of the set were furthermore awarded the third prize of invention at the National Science Congress. The 5~50 t Bridge Cranes were awarded the title of the product of reliable quality by the former First

Ministry of Machine Building Industry in 1980. The 'DQ' Brand 5~50 / 10 t Bridge Cranes were awarded with the national silver medal in 1982.

第二重型机器厂

地址：四川省德阳县

电话：0800, 3188

电报挂号：6850

该厂是机械工业部的直属厂和重点企业，是重型机器制造的联合企业，设有设计研究所、大型铸锻研究所和相应的科研试验基地。该厂拥有现代化的大型冶炼、铸造、锻压、热处理、焊接、型锻、制模和机械加工设备，以及完善的现代检测手段。可为冶金、交通运输、水利、电力、电子、矿山、建材、航空、航天、船舶、军工、核工业、石油化工、轻工和农林等机械工业提供成套设备和单机，各种有色与黑色金属铸件、型锻件。

主要产品：

1. 各种轧机：包括黑色、有色金属轧机。如 4200mm 特厚轧板机、2450mm 中板轧机、1450mm 热板带半连轧机、2000 / 1700 铝板轧机。

2. 锻压设备：引进联邦德国奥姆科公司专利生产的 SM 系列平锻机；KP、MP 系列热模锻压力机；KS 系列钢坯剪和 RW 系列辊锻预锻机共 8 个系列，34 个品种，能提供 12000t 热模锻压机全套生产线的先进锻压设备。10000t 多向模锻水压机、6000t 自由锻造水压机、100t-m 对击锤和各种模锻、自由锻锤。

3. 水利设备：过坝升船机、阀门、固定及油压启闭机。

4. 电力设备：30 万、60 万 kW 发电机转子。为长江葛州坝电站提供机组大型铸锻件。如 17 万 kW 卡普兰式重 40t 不锈钢叶片。

Second Heavy-duty Machinery Plant

Address: Deyang County, Sichuan, China

Tel.: 0800, 3188

Cable: 6850

Being one of the key enterprises directly under the Ministry of Machine Building Industry, the plant is an integrated complex of heavy-duty machine building and is installed with a designing institute, a large scale casting and forging institute, and corresponding experimenting bases. The plant is equipped with modernized large scale smelting, casting, forging, heat treating, welding, swaging, replicating and machining devices, and with perfect modern testing facilities. It can provide complete devices or single machines, various nonferrous and black metal cast-forged pieces and swaged pieces for mechanical industries such as metallurgy, communication and transportation, water conservancy, electric power, electronics, mining, construction materials, aviation, spaceflight, ship building, military, nuclear, petro-chemical, light industry, farming and forestry.

Main products:

1. Various rolling mills: Including nonferrous and black metal rolling mills such as 4200mm superthick sheet roller, 2450mm midthick sheet roller, 1450mm hot sheet half-continuous rolling mill, 2000 / 1700 aluminium sheet rolling mill.

2. Forging devices: Introduced 8 serieses from Eumco Comlex of GFR such as patented SM series horizontal forging press; KP, MP series hot swaging press; KS series bloom shearing machine and RW series preforming press for rolling forging, etc. 34 kinds in all, which provide 12000 t complete set of hot swaging press manufacturing line. 10000 t multi-direction swaging hydraulic press, 6000 t free forging hydraulic press, 100t-m counterflow hammer, and various swaging and free forging hammers.

3. Water conservancy devices: Dam-go-over ship lifter, gate, fixed and oil pressure hoisting devices.

4. Electric power devices: Rotators of 300000 kW, 600000

5. 人造水晶冷、热等静压设备，用于电子工业。

6. 矿山、建材设备：年产 10 万 t、100 万 t 的水泥全套设备、大型水泥磨、破碎设备等。

7. 各种船用铸锻件、型锻件，已取得美国、英国、联邦德国劳埃德船级社认可。

8. 耐高热合金钢模锻件等。

9. 核电站压力壳等。

10. 甘蔗榨糖全套设备及生产贴面板、中密度纤维板、刨花板的多层热压机全套设备。

11. 大型铸锻件：是采用日本制钢所提供的制造汽轮机转子、轧辊专利技术制造的，可为冶金工业提供各种冷、热轧辊，和为汽轮机生产厂家提供大中型汽轮机转子。

该厂还可应用户要求，承接诸如设备技术改造、安装、调试以及备品、备件、来料加工、工艺协作和技术培训等各种服务项目。

kW generators. The plant has provided large cast-forged pieces for Gezhouba power station on Changjiang River, such as 170000 kW karpland stainless steel vane which is 40 t in weight.

5. Artificial crystal cold and hot static pressing devices used in electronic industry.

6. Mining and construction devices: Complete cement devices with annual production 100000 t and 1000000 t, large cement mill and crushing devices.

7. Various ship cast-forged and swaged pieces which have got approval from Lloyd's Register of Shipping in U.K. and GER.

8. High temperature resisting alloy steel swaged pieces.

9. Pressure case of nuclear power station.

10. Complete sugarcane pressing devices and complete multi-layer hot pressing devices for producing furring-board, medium density fibre-board, and shaving board.

11. Large cast-forged pieces: Employing patented steam turbine rotator and roller manufacturing technology provided by Japan Steel Producing Factory, the plant can provide various cold, hot rollers for metallurgy industry. It also can provide large and middle steam turbine rotator for turbine manufacturing plant.

The plant is also ready to accept orders, according to the requirements of the users, of various technical services such as device technological reform, installing, testing, and provide spare parts and products, material machining, technical cooperation and technical training.

第一重型机器厂

地址：黑龙江省富拉尔基

电话：3921—3925

电报挂号：6850

该厂是机械工业部直属重点企业，是我国最大的重型机器制造厂，建于 1960 年。该厂厂区面积达 340 万 m²，职工近 2 万人，其中工程技术人员 1500 人。共有 25 个车间。

该厂拥有完整的重型机器生产手段，有万吨水压机和与之相适应的先进

First Heavy-duty Machinery Plant

Address: Fulaerji, Heilongjiang, China

Tel.: 3921—3925

Cable: 6850

The plant, established in 1960, is a major enterprise under the Ministry of Machine Building Industry and is the largest manufacturer of heavy-duty machineries in China. Its work site occupies an area of 3400000m². It has a total of nearly 20000 employees inclusive of 1500 engineers and technicians and there are totally 25 workshops in the plant.

With its complete means for production of heavy-duty

的炼、锻、铸、热处理及机械加工设备, 30 多年来, 为冶金、机械等企业提供了大量的装备。

主要产品:

1. 冶炼设备: 高炉、平炉、混铁炉、连续铸锭设备。

2. 轧制设备: 初轧机、中厚板轧机、带钢热冷轧机、轨梁轧机、铝板热冷轧机、铝箔轧机。

3. 锻压设备: 模锻水压机、自由锻水压机、模锻锤、单双点压力机、油压机。

4. 精整设备: 矫直机、弯板机、剪切机。

5. 矿山水泥设备: 球磨机、破碎机、水泥厂成套设备。

6. 各种减速机、油压启闭机、打桩机、制糖机、造纸机、木材综合利用设备。

7. 铸锻件: 汽轮机转子、叶轮, 发电机转子、护环, 水电站大轴, 轧辊, 轧钢机机架, 高炉料钟, 船用件等 200t 以下的各种铸锻件。

该厂还可承接产品设计、制造、安装、调试及培训人员等业务。

machineries, including the 10000 t hydraulic press and those advanced equipments fitted with the work of smelting, forging, casting, heat-treatment and machining. It has provided large amounts of facilities to the enterprises in metallurgical and machine-building industry during the past three decades.

Main products:

1. Smelting equipments: Blast furnaces, open hearth furnaces, hot metal mixers and steel ingot casting equipments.

2. Rolling mills: Cogging mills, medium-thick plate mills, hot or cold strip mills, rail mills, hot or cold aluminium sheet mills, aluminium foil mills.

3. Forging presses: Die forging hydraulic presses, drop forging hydraulic presses, die forging hammers, single or double-point presses, oil presses.

4. Rectifying equipments: Straighteners, sheet benders, shears.

5. Mining and cement-making equipments: Ball mills, crushers and complete sets of cement-making equipments.

6. Various speed reducers, hydraulic hoisting devices for watergates, pile hammers, sugar-making machineries, paper-making machineries and equipments for comprehensive utilization of wood.

7. Castings and forgings: Castings and forgings for rotors and impellers of steam turbines, rotors and retaining rings of generators, main spindles applied in hydraulic power stations, rollers and frames of rolling mills, ball valves of blast furnaces and marine components etc. with their unit weight up to 200t.

The plant will also accept orders for designing, manufacturing installing, regulating and testing of products as well as for personnel training.

辽源市重型机器厂

地址: 吉林省辽源市东方红大街

电话: 3152

电报挂号: 6593

该厂是机械工业部重点企业, 1949 年由 5 家私营小厂合并而成, 1952 年改为地方国营辽源市机械厂, 1963 年更名为辽源市重型机器厂, 现有职工 1500 多人。

Liaoyuan Municipality Heavy-duty Machinery Plant

Address: Dongfanghong Street, Liaoyuan, Jilin, China

Tel.: 3152

Cable: 6593

The plant is a key enterprise under the Ministry of Machine Building Industry. It was merged from 5 private small workshops in 1949, then it was transformed into Local

该厂设有选矿机械研究所，从事黑色、有色金属和非金属的选矿设备研究。该厂技术优良，设备齐全，工艺先进，测试手段完善，具有铸、锻、焊、铆、金属切削加工等手段，还具有对产品进行多种物理性能、化学检验、磁力探伤、X射线照射及超声波检查能力，产品质量稳定可靠，行销全国，还远销亚、欧一些国家。

主要产品：

1. 金属选矿、选煤、起重、运输设备，减速机，以及年产5~30万t有色金属选矿的成套设备。

2. 系列产品：破碎机、筛分机、球磨机、螺旋分级机、旋流器、选矿用搅拌槽、煤用搅拌槽、高浓度搅拌槽、浮选机（有A型、OR型等）、过滤机（有内滤、外滤，折带式外滤，盘式外滤）、矿用和煤用浓缩机、槽式给料机、摆式给料机，K型给煤机；规格齐全的渐开线齿轮、圆弧齿轮、蜗轮蜗杆减速机；5~50t中级、重级桥式吊车；各类受压容器。

该厂还有新从美国引进的专门供洗煤厂用的现代化重介洗煤设备：高硬镍重介、分级、水介旋流器，排矿计，弧形筛，液位比重控制装置。还可提供直径5000mm，模数28，长度10000mm以内的备品配件。

State-run Liaoyuan Municipality Machinery Plant in 1952 and finally named Liaoyuan Municipality Heavy-duty Machinery Plant. At present, there are about 1500 workers and staff members in it.

Attached to the plant is a research institute of ore dressing machinery, which is engaged in researching dressing equipment of ferrous, non-ferrous and non-metal ores. It possesses fine technicians, complete facilities, advanced technology and perfect testing devices. It contributes manufacturing covered casting, forging, welding, riveting, metal cutting, etc. It also has the ability to do all kinds of tests and checks against products, including physical and chemical property test, and defect detecting test by way of magnetic flux, X-rays and ultra-sonic wave. So the quality of their products is stable and reliable and they have widely sold in domestic market and even in some foreign markets in Asia and Europe.

Main products:

1. Equipment of metal ore dressing and coal dressing, cranes, conveyers and reducers as well as complete set of dressing equipment for non-ferrous ores with its annual output of about 50 thousand to 300 thousand tons.

2. Serial products: They are breaker, screening machine, ball mill, spiral grader, cyclone, ore dressing mixing trough, coal mixing trough, high concentration mixing trough, floatation machine (with types of A and OR etc.), filter (inner filter, outer filter, folding outer filter and coiling outer filter), concentrator for ore and coal, feeder of trough and pendulum type, K-type coal feeder, speed reducers of involute gears, arc-toothed gears and worm gear pairs of every specification, medium or heavy-duty bridge cranes and different types of pressure vessels.

Updated equipment recently imported from USA, can also be supplied specially for coal dressing plants. These are cyclones with hard nickel medium, gradation and water medium, ore discharge meters, arcuated screens and liquid level or specific gravity controllers. Supply of spare-parts within the range of diameter 5000 mm, module of gear 28 and length 10000 mm are also available.

陕西压延设备厂

地址：陕西省富平县庄里镇

电话：537

电报挂号：1090

该厂是机械工业部重点企业，是西安重型通用机械制造公司主要成员之一，是生产中小型粗、精轧机，各类锻压设备及矿山水泥设备的重型机器制造厂。该厂生产历史悠久，目前全厂职工4600余人，其中工程技术人员500余人，技术力量雄厚，具有研究、设计、工艺制造、销售、服务等完整的管理经营机构，测试手段完善，制造质量优良，产品畅销全国，部分产品还远销国外。

主要产品：

1. 轧制设备：1200、700、400mm 铝箔车间设备，300~600mm 薄板冷轧机，跟踪式 300mm 热带轧机，500/300、500×2 中小型型钢车间设备，Φ550×1300 铝板热轧机组，Φ500×1300 冷轧机，WD—30、60 铝管温轧机，铜铝线连铸连轧机，HC 六辊轧机，500、1400、1830mm 连续拉伸弯曲矫直机，剪断机，辊式矫直机，冷热轧辊等。

2. 锻压设备：25、50、100t 模具研配压床，630、800、1000、1600、2000t 有色卧式挤压机，500~2000t 冲压水压机，液压螺旋压力机，30~50t 拉伸矫直机，315、400、500、800t 单臂油压机，100~400t 引伸水压机，无轨和有轨锻造操作机，JB 系列水压机零部件，JB1130-70 圆柱齿轮减速器，NGWS-172 大功率行星减速器，500t 纤维打包机，鼓形齿接手等。

该厂还可承接各种标准及非标准交流电控设备的设计、制作、安装与调试任务。

Shanxi Rolling Mill Plant

Address: Zhuangli Town, Fuping County, Shanxi, China

Tel.: 537

Cable: 1090

The plant is a major enterprise under the Ministry of Machine Building Industry and is one of the principal members of Xian Heavy-duty General Machinery Manufacturing Corporation. With its long history and a total of 4600 employees inclusive of 500 engineers and technicians, it is specialized in manufacturing heavy-duty machineries such as the medium or small size roughing or finishing mills, various forging presses and mining or cement-making equipments. It has a complete system of administration and management dealing in research, design, manufacture, sale and rear services etc. Besides, it is well-equipped with very good measuring and testing facilities to have its products an excellent quality. These products sell well to the whole country and partially have been exported to many foreign countries.

Main products:

1. Rolling mills: Workshop equipments applied for manufacture of 1200, 700 and 400 mm aluminium foils; 300~600 mm sheet cold mills; 300 mm hot strip tracing mills; 500/300, 500×2 workshop equipments applied for manufacture of medium or small size section steels; Φ 550×1300 aluminium sheet hot mill sets; Φ 500×1300 cold mills; WD-30, 60 molybdenum pipe warm mills; copper or aluminium rod continuous casting and rolling machines; HC 6-roller rolling mills; 500, 1400, 1830 mm continuous drawing and straightening machines; shears; roller-type straighteners and rollers for cold or hot rolling etc.

2. Forging presses: 25, 50, 100 t facing-up presses for dies; 630, 800, 1000, 1600, 2000 t horizontal extrusion presses for non-ferrous metals; 500~2000 t hydraulic punching presses; hydraulic screw-presses; 30~50 t straighteners for drawing; 315, 400, 500, 800 t single arm oil presses; 100~400 t drawing hydraulic presses; forging manipulators with or without tracks; components or parts for hydraulic presses of JB series; JB1130-70 cylindrical gear reducers; NGWS-172 high power planetary gear reducers; 500 t fibre packagers and barrel-toothed couplings etc.