

## 一、散料输送系统装卸运输与控制系统的业绩

### Performance of material handling and transportation of conveyor systems and control systems

序号 No.	用户、系统(设备)名称 Client and system(equipment)	能力及系统描述 Capacity and Description	使用日期 Date
1	北京茶叶厂茶叶自动拼装线 Tea automatic bottling line of Beijing Tea Factory		1978
2	河北遵化石人沟铁矿: 半连续排岩系统工程 Hebei Zunhua Shirengou: semi-continuous discharge rock systems of Iron Mine	年排岩量: 300 万 T/H In rock displacement volume: 3,000,000 T / H	1986 国家重点工程 项目 National Emphases Project
3	北汽加工线工件输送系统 Beiqi work-piece machining line conveyor system		1990
4	广州港新沙煤、矿山码头: 装卸与控制系统工程。含: 60 吨/秤的定量装火车系统, 定量分配煤仓系统。 Guangzhou Xinsha coal, mining dock: Handling and control system. Quantitative 60 t / scales loaded train system and Rationing bunker system.	年卸船量: 煤炭 400 万 T/H 矿石 60 万 T/H 年装驳船量: 煤炭 330 万 T/H 年装火车量: 煤炭 55 万 T/H 矿石 60 万 T/H 年装汽车量: 煤炭 15 万 T/H In unloading capacity: Coal 4,000,000 T / H Ore 600 000 T / H On barge loading capacity: Coal 3.3 million T / H On the train loading capacity: Coal 550 000 T / H Ore 600 000 T / H Annual installed capacity car: Coal 150 000 T / H	1995 国家重点工程 项目 National Emphases Project
5	首都钢铁公司: 水厂铁矿半连续排岩系统工程。 Beijing Shougang Group: Iron Mine Rock displacement semi-continuous system	年排岩量: 5400 万 T/H 包括:破碎机、皮带输送系统、移设式排土机(承担机械及电控系统设计、供现场安装调试) In rock displacement volume: 5400 万 T/H Including: crusher, belt conveyor system, transference type Dump machine (Responsible for the	1995 国家重点工程 项目 National Emphases Project

		mechanical and electrical control system design for on-site installation and commissioning)	
6	扎兰屯粮食中转库 Zalantun food interim library	存储容量: 27400 吨 承担机械及电控系统设计、供现场安装调试 Storage capacity: 27,400 tons Responsible for the mechanical and electrical control system design for on-site installation and commissioning	世行贷款项目 2000 World Bank Loan Project
7	赤峰粮食中转库 Chifeng food interim library	存储容量: 31300 吨 承担机械及电控系统设计、供现场安装调试 Storage capacity: 31,300 tons Responsible for the mechanical and electrical control system design for on-site installation and commissioning	世行贷款项目 2001 World Bank Loan Project
8	洮南粮食中转库 Zhaonan food interim library	存储容量: 29132 吨 承担机械及电控系统设计、供现场安装调试 Storage capacity: 29,132 tons Responsible for the mechanical and electrical control system design for on-site installation and commissioning	世行贷款项目 2002 World Bank Loan Project
9	首钢水场半移动式破碎站电气控制系统 (2 套) Shougang water factory Semi-mobile crusher electrical control system (2 sets)	额定排岩/量: 4500T/H 最大排岩/量: 5400T/H 承担半移动式破碎站电气控制系统设计、供货及现场安装调试。2006 投入生产 Rated displacement rock volume: 4500T / H The maximum discharge rock volume: 5400T / H Undertaking electrical control system design, supply and site installation and commissioning. Into production at 2006.	与克虏伯合作 2006 Cooperation with ThyssenKrupp
10	圭亚那 SKELDON 糖厂输送设备 Guyana SKELDON sugar transport equipment	甘蔗处理间、制糖间、蔗渣输送、灰输送等输送设备 (含斗式提升机)。带宽 0.65、1.4m、2m、2.2m, 18 条 Sugarcane processing, bagasse transportation and other transportation equipments (with	2008

		bucket elevator). Bandwidth 0.65, 1.4m, 2m, 2.2m 18 in total.	
11	马来西亚金狮钢厂 DRI 物料搬运系统 工程项目电气控制系统 Electrical Control system of Malaysia Lion Group DRI Transportation System	电气控制系统设计、供货及现场安装 调试。2008 投入生产 Responsible for electrical control system design, supply and site installation and commissioning.	<b>与沈矿合作 2008 Cooperation with Shenkuang Group</b>
12	伊敏河移动式破碎输送系统电气控制 系统 (1 套) Yi Min He Mobile Crusher Conveying system (1 set)	额定排岩/量: 3000T/H; 低温环境 移动式破碎输送系统包括: 移动式破 碎机、移动式皮带机、卸料小车、地 面工作皮带机等。 承担移动式破碎输送系统电气控制 系统设计、供货及现场安装调试。 2008 投入生产 Rated displacement rock volume: 3000T / H; Low temperature environment Mobile crusher conveyor system comprising: a mobile crusher, mobile belt conveyor, hopper car, belt and other ground equipments. Responsible for electrical control system design, supply and site installation and commissioning. Into production at 2008.	<b>与克虏伯合作 2008 Cooperation with ThyssenKrupp</b>
13	马来西亚金狮钢厂 HDRI 物料搬运系统 工程项目 Malaysia Lion Group Hot DRI Transportation System	物流温度 700° C 左右 承担 HDRI 物料搬运系统机械、电气 系统设计、供货及现场安装调试。 2008 投入生产 <b>Material temperature: 700°C</b> Responsible for the mechanical and electrical control system design, supply and site installation and commissioning.	<b>2008</b>
14	云南沾化有限责任公司年产 50 万吨合 成氨工程原/燃料煤贮运系统方案设 计(参与)、斗轮堆取料机 (联合)、石 灰石气力输送系统。 Yun Nan Zhan Hua Co.Ltd: 500000T/year complex ammonia raw/fuel coal storage conveying system scheme design, bucket stacker and reclaiming. Lime pneumatic conveying system.	承担石灰石气力输送系统机械、电气 系统设计、供货及现场安装调试。 2008 投入生产 Responsible for mechanical and electrical system design, supply and site installation and commissioning of Limestone pneumatic conveying system. Into production at 2008	<b>2008</b>

15	<p>河南省中原大化集团有限责任公司化肥原料煤代气联产 30 万吨/年甲醇工程原/燃料煤贮运系统方案设计(参与)及圆形料场混匀堆取料机(联合)、石灰石气力输送系统。</p> <p>Henan Zhongyuan Dahua Group Co.Ltd: Carbinol 300000T/year, raw/fuel coal storage conveying system scheme design, circle material yard blended stacker and reclaimers, lime pneumatic conveying system</p>	<p>承担石灰石气力输送系统。机械、电气系统设计、供货及现场安装调试。2008 投入生产</p> <p>Responsible for mechanical and electrical system design, supply and site installation and commissioning of Limestone pneumatic conveying system. Into production at 2008</p>	2008
16	<p>中国神华煤制油有限公司煤直接液化项目带式输送机、螺旋输送机及石灰石气力输送系统。</p> <p>China Shenhua Coal Liquefaction Corporation Ltd: Belt conveyor, screw conveyor and lime pneumatic conveying system</p>	<p>承担带式输送机、螺旋输送机及石灰石气力输送系统石气力输送系统机械、电气系统供货及现场安装调试。2008 投入生产</p> <p>Responsible for mechanical and electrical system design, supply and site installation and commissioning of belt conveyor, screw conveyor and lime pneumatic conveying system. Into production at 2008</p>	2008
17	<p>首钢京唐滚筒取料机项目电气控制系统(2套)</p> <p>Shougang Jingtang Drum reclaimer project electrical control system (2 sets)</p>	<p>额定取料能力: 2100T/H 最大取料能力: 2300T/H 承担电气控制系统设计、供货及现场安装调试。2008 投入生产</p> <p>Rated reclaiming capacity: 2100T / H Maximum reclaiming capacity: 2300T / H Responsible for electrical control system design, supply and site installation and commissioning. Into production at 2008.</p>	与克虏伯合作 2008 Cooperation with ThyssenKrupp
18	<p>首钢宝业滚筒取料机项目电气控制系统</p> <p>Shougang Baoye Drum reclaimer project electrical control system</p>	<p>额定取料能力: 2100T/H 最大取料能力: 2300T/H 承担电气控制系统设计、供货及现场安装调试。</p> <p>Rated reclaiming capacity: 2100T / H Maximum reclaiming capacity: 2300T / H Responsible for electrical control system design, supply and</p>	与克虏伯合作 2008 Cooperation with ThyssenKrupp

		site installation and commissioning.	
19	青岛水玻璃输送系统 Qingdao water glass delivery system		<b>2008</b>
20	北京地铁四号线 BAS、FAS 系统(北京地铁四号线工程环境与设备监控系统和火灾自动报警系统) Beijing Subway 4# line, BAS and FAS system(building alarm system and fire alarm system)	北京地铁四号线共 24 座车站 (2009.9.28 正式投入运营) Beijing 4# Subway Line A total of 24 stations Into production at 2009.9.28	<b>与北京市政院合作设计 2009 cooperation with the Beijing Municipal Academy</b>
21	江苏灵谷化工有限公司 年产 52 万吨尿素袋物装船机 Jiangsu Linggu Chemical Limited Company: Urea 520000T/year bags of materials shipping loader	适用在 300~500 吨船 (最大 700 吨船) Applicable for 300~500 T ship (Max 700T ship)	<b>2009</b>
22	诺维信包装站 恩宜珐玛 Nuo Wei Xin Packing Station	1t 袋包装机 带金属检测机、取样装置 1t bag packing station With metal detector, sampler	<b>2009</b>
23	中国寰球工程公司越南斗轮堆取料机 China Huanqiu Contracting & Engineering Corporation: Vietnam bucket wheel stacker reclaimer.	每小时 400t/200t 400t/200t per one hour	<b>与沈矿合作 2009 Cooperation with Shenkuang Group</b>
24	五环科技股份有限公司 突尼斯带式输送机 Wuhuan Engineering Co.Ltd. Tunisia belt conveyor		<b>2009</b>
25	马里新糖联项目 Mali new sugar-linked projects		<b>2010</b>
26	印尼三林糖厂输送设备 Salim sugar transport equipment	甘蔗处理间、干燥工段、石灰乳化间、原糖回熔、蔗汁澄清、蔗渣输送、灰输送等输送设备 (含斗式提升机) 带宽 1.2m、1.8m, 11 条。 Sugarcane processing, bagasse transportation and other transportation equipments (with bucket elevator). Bandwidth 1.2, 1.8m 11 in total.	<b>2010</b>
27	中国五环工程有限公司		<b>2011</b>

	越南桥式堆包机 China Wuhuan Engineering Co., Ltd. Vietnam bridge bags staker		
28	HQ15032 桥式混匀双斗轮取料机设计 HQ15032 bridge mix double bucket wheel reclaimer design	额定生产能力: 150 T/H 轨距 (跨度): 32m 承担机械、电气控制系统设计及现场 指导安装, 调试。 Rated capacity: 150T / H Gauge (span): 32m Responsible for mechanical and electrical control system design and on-site supervision of installation and commissioning.	2012
29	大唐尿素输送系统 Datang urea delivery system	额定生产能力: 18 万吨/年合成氨、 30 万吨/年尿素 承担机械、电气控制系统设计、供货 及现场安装调试。 Rated production capacity: 180,000 tons / year of synthetic ammonia, 300,000 tons / year of urea. Responsible for mechanical and electrical control system design and on-site supervision of installation and commissioning.	2012
30	中国五环工程有限公司 越南北氮带式输送机 China Wuhuan Engineering Co., Ltd. North Vietnam nitrogen Conveyor		2012
31	冀东平泉石灰石矿山输送系统 Eastern Hebei Pingquan limestone mine conveyor systems	额定生产能力: 年运输石灰石量 200 万吨。 Rated capacity: 2 million tons annual transportation capacity of limestone.	2013
32	冀东达茂旗 14Km 长距离皮带输送系统 Jidong DAMAQI 14Km long distance belt conveyor system	最大输送能力: 1100 t/h The maximum transmission capacity: 1100 t / h	2013
33	中国五环工程有限公司 印尼 PJA 磷酸项目 China Wuhuan Engineering Co., Ltd. PJA phosphate project in Indonesia		2013
34	玻利维亚糖厂一期输送带 Bolivia sugar factory conveyor belt system		2014
35	南京惠生石灰石气力输送系统 Nanjing Huisheng lime pneumatic conveying system		2014

36	玻利维亚糖厂二期输送带 Bolivia sugar conveyor factory external belt system		2015
37	北京华福工程有限公司 乌兰水煤浆设备 Beijing Huafu Engineering Co., Ltd. Ulan CWS equipment		2015
38	中国五环工程有限公司 呼伦贝尔金新带式输送机 China Wuhuan Engineering Co., Ltd. Hulunbeier Jinxin conveyor		2015
39	中冶京诚工程技术有限公司 本钢管带机输送系统 CERI Benxi steel tube machine conveyor system		2016
40	中国重型机械有限公司 铁山港输送系统可研报告 CHMC The feasibility report of the TieShanGang conveying system		2016
41	中冶京诚工程技术有限公司 日照混匀堆取料机 CERI Rizhao blending material piling and taking machine		2016
42	中国五环工程有限公司 五环兴安盟项目 China Wuhuan Engineering Co., Ltd Xingan league project		2016

## 二、装卸机械的业绩

### Performance of Handling Machinery

序号 No.	设备名称 Device Name	能力 Capability	台数 Number of units	使用日期 Date of production
1	DQ3025 斗轮堆取料机 DQ3025 bucket wheel stacker reclaimer	取 300T/H, 堆 600T/H Reclaim:300T/H Stack:600T/H	1	1971
2	DQ3025II 型斗轮堆取料机 DQ3025II type bucket wheel stacker reclaimer	取 300T/H, 堆 600T/H Reclaim:300T/H Stack:600T/H	1	1971
3	QS8 型气力输送散装	水泥车 8T	3	1971

	QS8 type pneumatic conveying	Cement truck 8T		
4	DQ40.22 型圆型轨道式堆取料机 DQ40.22 type circular orbit stacker reclaimers	取 400T/H, 堆 500T/H Reclaim:400T/H Stack:500T/H	1	1972
5	袋物装车机 Bag material loading machine	1200 袋/小时 1200 bags per hour	2	1973
6	DZ-45 型斗轮装载机 DZ-45-type bucket wheel loaders	100-200M <sup>3</sup> /H	5	1976
7	HD600.19 混匀堆料机 HD600.19 mix stacker	600T/H	1	1978
8	KDQ6025 矿用斗轮堆取料机 KDQ6025 bucket wheel stacker reclaimer for mining	取 600T/H, 堆 1000T/H Reclaim:600T/H Stack:1000T/H	1	1979
9	QG400.24 型滚轮式混匀取料机 QG400.24 type roller mix reclaimer	400T/H	1	1983
10	袋物车载伸缩皮带机 Car retractable belt bag material	1800 袋/小时 1800 bags per hour	2	1989
11	HD1000.24 混匀堆料机 HD1000.24 mix stacker	1000T/H	1	1989
12	QT800.30 滚筒式混匀取料机 QT800.30 mixing drum reclaimers	800T/H	1	1989
13	DQLZ400/630 矿用斗轮堆取料机 DQL 400/630 bucket wheel stacker reclaimer for mining	取 400T/H, 堆 630T/H Reclaim:400T/H Stack:630T/H	1	1994
14	LXZ400/7.5 螺旋卸车机 LXZ 400 / 7.5 screw unloading machine	400T/H	1	1994
15	MQ6000.60 门式斗轮取料机 MQ6000.60 door-type bucket wheel reclaimer	4500-6000T/H	1	1994
16	分配煤仓设备 Distribution bunker equipment	4×500T/H	1	1995
17	装火车设备 Train loaded equipments	1000T/H	1	1995
18	袋物装船机 Ship loaded equipment for bags	1000-2000 包/小时 1000-2000 bags per hour	2	1998

### 三、输送/给料机械系列设计与研制的业绩

**Design and development performance of Delivery / feeding  
machinery**

序号 No.	设备名称 Equipment	带宽 Band Width	完成日期 Date
1	DTII 型固定通用带式输送机系列 DTII Fixed General Conveyor Series	500-2400MM	1994
2	DJII 型波状挡边带式输送机系列 DJII type corrugated sidewall conveyor series	500-1600MM	1996
3	DJ 型波状挡边带式输送机系列 DJ-type conveyor corrugated wall series	500-800MM	1989
4	DY 型移动式带式输送机系列 DY mobile belt conveyor series	400-650MM	1985
5	花纹带式输送机系列	500-1400MM	1980
6	DT75 型固定通用带式输送机系列 Pattern Conveyor Series	500-1400MM	1975
7	DX 型钢绳芯带式输送机系列 DX-type steel cord conveyor series	800-2000MM	1985
8	LS 型螺旋输送机系列 LS-type screw conveyor series	螺旋直径 $\Phi 100-\Phi 1250$ MM Screw-diameter $\Phi 100-1250$ MM	1993
9	LU 型链式输送机系列 FU-chain conveyor series	槽宽 160-400MM Width 160-400MM	1994
10	GZ 型电磁振动给料机系列 GZ electromagnetic feeder series	生产率 5-1000T/H Productivity 5-1000T / H	1977
11	GZV 型微型电振给料机系列 GZV Miniature electric vibrating feeder series	生产率-4T/H Productivity -4T / H	1977
12	GZG 自同步惯性振动给料机系列 GZG self-synchronizing inertia feeder series	生产率 30-1000T/H Productivity 30-1000T / H	1985
	DTII (A) 带式输送机设计手册 DTII (A) belt conveyor design manual	500-1400MM	2002
	DTII (A) 带式输送机设计手册(第2版) DTII (A) belt conveyor design manual(second version)	400-2000MM	2013

#### 四、其他研制设备的业绩

##### Performance of other research equipment

研制时间 Development Date	项目名称 Project	使用地点 Location	技术水平 Technical level	主要部件技术性能 The technical performance of main parts
1999 ~2 000	CBJ-50 型拆包机组的研制 Development	非标设计, 样机研制 Non-standard design, prototype development	国内首创, 解决了化工企业人工拆包劳动强度极大的问题, 达到降低成本、省时、省力、环保的目的。	集输送、拆包、出料、集袋等功能于一体。 Including delivery, unpacking, discharge,

	t of CBJ-50 type unpacking unit		A national initiative to solve the chemical companies' artificial unpacking labor intensity, to reduce costs, save time, effort, environmental protection purposes.	and other functions in one set.
2000 ~ 2001	车载移动式集装箱检测系统 Car mobile container inspection system	北京等海关部门 Beijing and other customs authorities	国内首创, 多项国家发明专利及实用新型专利。 Domestic initiative. It rewards national invention patents and utility model patents.	以钴 60 为探测源的具有国际先进水平的大型检测系统。Cobalt 60 is the detection source of the large-scale detection system with the international advanced level.
2001	CBJ-50 型拆包机组 CBJ-50 type unpacking the unit	中原大化(集团)有限公司 Zhongyuan Dahua (Group) Co., Ltd.	50 公斤袋装物料的拆作业。 50 kg bags of demolition material operations.	集输送、拆包、出料、集袋等功能于一体。 Including delivery, unpacking, discharge, and other functions in one set
2001	QM-1000 型桥式码垛机 QM-1000 type bridge palletizer	山西兰花股份有限公司 Shanxi Lanhua Co., Ltd.	码垛能力 1000 袋/小时。 Palletizing capacity of 1,000 bags / hour	集输送、码包等功能于一体。 Including delivery and packing functions in one set.
2008	车载移动式集装箱检测系统 Car mobile container inspection system	阿富汗等 Afghanistan etc.	与公安部一所合作 In cooperation with the Ministry of Public Security	以钴 60 为探测源的具有国际先进水平的大型检测系统。Cobalt 60 is the detection source of the large-scale detection system with the international advanced level.