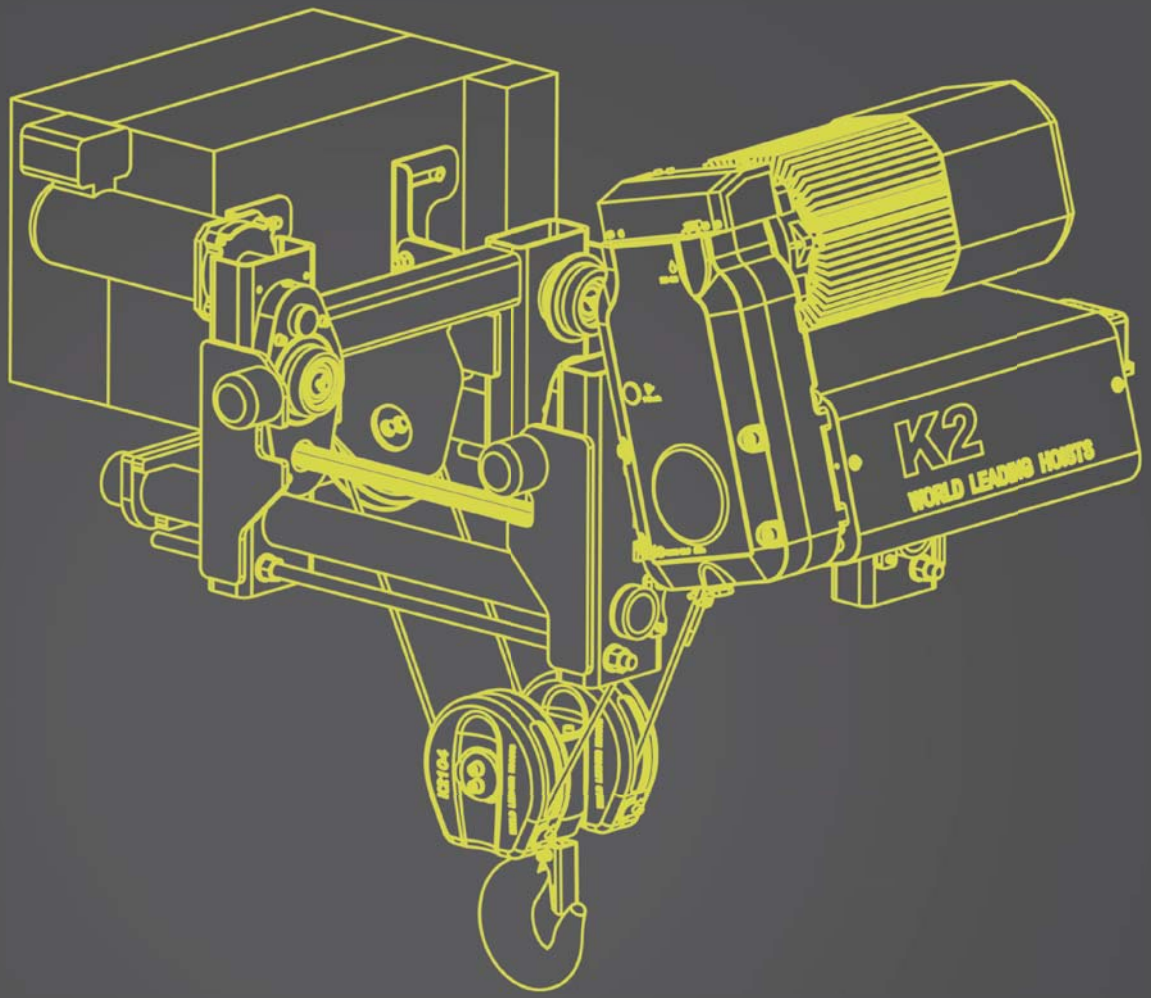
www.worldhoists.com



华德起重机（天津）股份有限公司
WORLDHOISTS (Tianjin) Co., Ltd.

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Worldhoists

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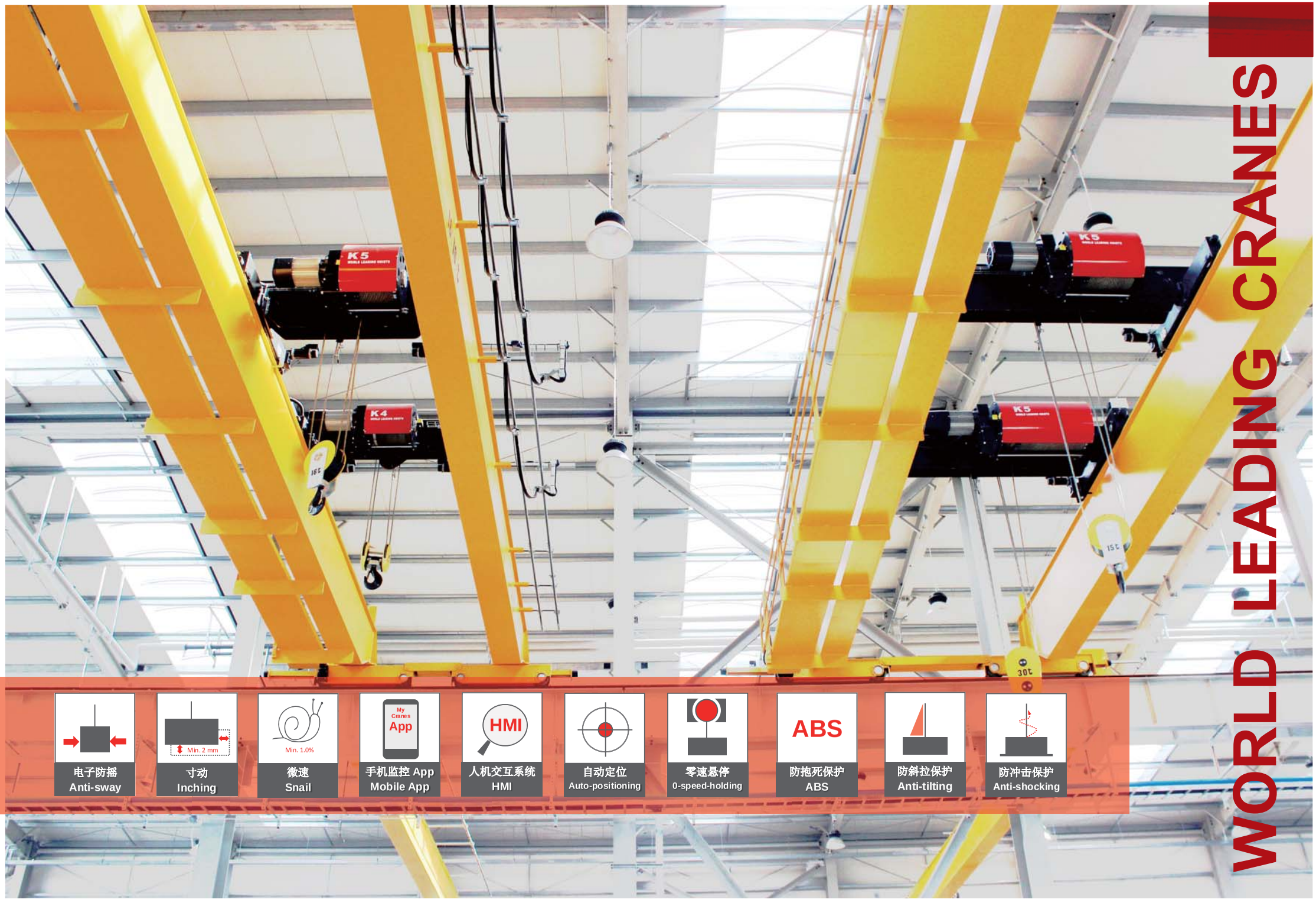
华德起重机
WORLDHOISTS


K5
K4
K5
K5
WORLD LEADING CRANES
Min. 2 mm
Min. 1.0%
My Cranes App
HMI
ABS
电子防摇
Anti-sway
寸动
Inching
微速
Snail
手机监控 App
Mobile App
人机交互系统
HMI
自动定位
Auto-positioning
零速悬停
0-speed-holding
防抱死保护
ABS
防斜拉保护
Anti-tilting
防冲击保护
Anti-shocking

ISO GB FEM CMAA DIN BS

Worldwide Standards

华德起重机

我们是欧式起重机部件专业生产制造商，产品包括欧式单梁电动葫芦、欧式双梁电动葫芦、欧式卷扬、端梁、大小车三合一驱动、电控箱、智能控制系统等。
凭借几十万台起重机应用专业技术积累，我们还是专业欧式水平起重机解决方案的设计师和专业服务提供商。
自重轻、高度矮、轮压小、节能省电、智能、数字化检修、免维护等优异性能，以及精益求精的匠心精神，是我们产品杰出底蕴所在。
无论在市场繁荣时期还是市场萧条时期，无论客户有高标准要求还是客户无明确要求，无论用于一般吊运还是特殊吊运场合，我们始终坚持产品质量持续提升。
基于中国天津实力雄厚的研发中心和现代制造基地，以遍布世界各地起重机整机制造厂为合作伙伴的B2B营销模式，我们坚持与合作伙伴、最终用户三方共赢合作原则。
以“做世界最好起重机”为企业愿景，秉承“尊重”企业文化，坚持“先修原则”，华德人用百年品质打造百年品牌。

K Series

Lifting Family

欧式单梁起升机构

SWL (t)	HOL (m)	Class (FEM/ISO)
0.8t - 32t	Max. 60m	M5 – M6

独特C型结构
C-type structure

起升电机位置可旋转
Rotation mounting design for lifting motor

低净空设计
Low headroom

柔性驱动，内应力小，传动效率高
Smart driving, higher efficiency

高强镀锌钢丝绳
2160N/mm2 Heavy duty galvanized wire rope

四级可调旋转限位
Rotation lifting limit switch, 4 steps adjustable

全周导绳器，防松绳
Reliable rope guider

大直径卷筒，延长钢丝绳寿命
Super drum, longer rope lifetime

硬齿面减速机，自重轻
Hardened gear

DIN标高强T级吊钩
DINhook, class T

电磁盘式制动器，可靠，防尘
Electromagnetic disk brake

防护等级IP55，H级绝缘
IP55 / H insulation

重级制电机，持续率60%ED
Heavy duty motor, 60%ED rating

过热、过载保护
Overheating, overloading protection

防斜拉保护
Anti-tilting protection

变频无级小车，运行平稳
Stepless control trolley

免维护
Maintenance free

SINGLE GIRDER HOISTS

SWL (t)	HOL (m)	Class (FEM/ISO)
0.8t - 80t	Max. 90m	M4 – M6

低净空设计
Low headroom

柔性驱动，内应力小，传动效率高
Smart driving, higher efficiency

柔性铰接小车架
Flexible lifting beam

硬齿面减速机，自重轻
Hardened gear

防护等级IP55，H级绝缘
IP55 / H insulation

DIN标高强T级吊钩
DIN hook, class T

全周导绳器，防松绳
Reliable rope guider

高强镀锌钢丝绳
2160N/mm² Heavy duty galvanized wire rope

四级可调旋转限位
Rotation lifting limit switch, 4 steps adjustable

安全监控器，液晶触摸屏
Safety monitoring sys, with LCD

防坠保护
Anti-drop protection

防斜拉保护
Anti-tilting protecion

重级制电机，持续率60%ED
Heavy duty motor, 60%ED rating

过热、过载保护
Overheating, Overloading protection

电磁盘式制动器，可靠，防尘
Electromagnetic disk brake

变频无级调速，运行平稳
Stepless control trolley

免维护
Maintenance free

欧式双梁起升机构
DOUBLE GIRDER HOISTS

欧式卷扬
HEAVY WINCH

Tailor-made

Heavy duty processing application

SWL (t)	HOL (m)	Class (FEM/ISO)
5t - 500t	Max. 160m	M3 – M8

高度矮，自重轻，节省建筑成本
Space maker, building cost saving

重级制，满足持续重载作业
Heavy duty processing

柔性驱动，内应力小，传动效率高
Smart driving, higher efficiency

免维护
Maintenance free

适配各种吊具
Multiple lifting tong

智能化：寸动/微动/电子防摇/防斜拉
Inching / Micro-speed / Anti-sway/Anti-tilting

故障自诊断系统及HMI
HMI and Safety monitoring system

高强度钢丝绳
High grade steel wire rope

卷筒压绳器
Rope roller

过载保护
Overloading protection

电控箱IP55 防护等级
IP55 cubicle

旋转限位
Rotation limit switch

变频三合一驱动
Stepless traversing

重级制电机
Heavy duty motor
防护等级IP55，H级绝缘
IP55 / H insulation
持续率60%ED
60%ED rating
过热保护
Overheating protection

手动释放功能
Manual release

电磁盘式制动器
Electromagnetic disk brake
制动平稳 Heavy duty
环保防尘 Dust proof

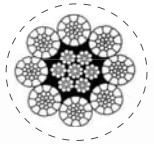
超速保护
Overspeeding protection

防坠落保护
Dropless latch

集中润滑
Grease nipples in one group

重锤限位
Hook approached limiter

绝对垂直起升
True vertical lifting



吊钩
DIN HOOK
材质 34CrMo4QT/34CrNIMo6QT
DIN标准锻造吊钩
Ergonomic forging hook
尺寸小，自重轻
Optimized size, easy handling

T3 0.3-1.1kW

T4 0.65-2.2kW

T5 1.1-3.0kW

结构紧凑
Compact designing

电机＋制动器＋减速箱三合一集成化设计
Integrated motor + brake + gearbox

全变频调速
Stepless travelling

鼠笼式异步电机
Squirrel-cage, synchronous motor

最高转速 4800转
Max. speed 4800rpm

重级制，负载持续率 60%ED
Heavy duty 60% ED rating

防护等级IP55
IP55 protection

电磁盘式制动器
Electromagnetic disc brake

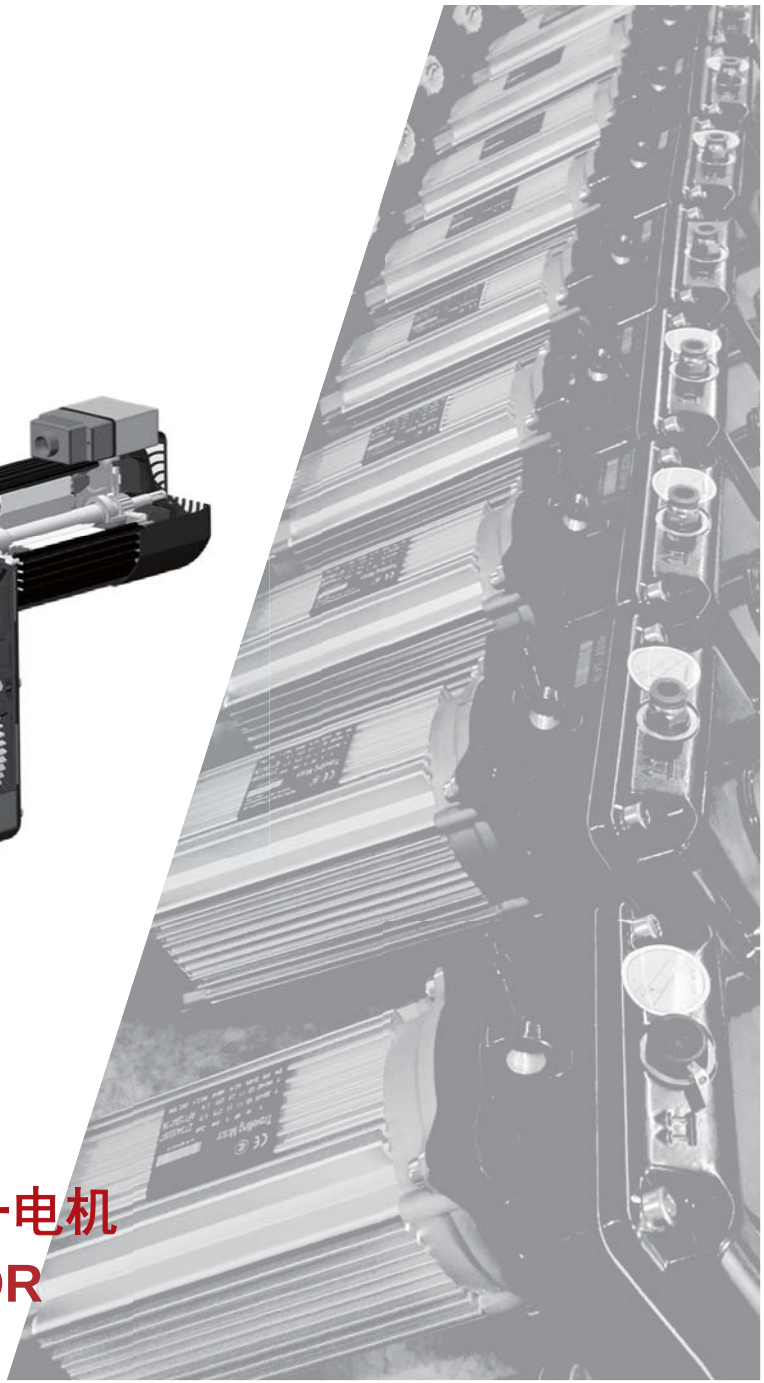
铝合金壳体，密封
Totally enclosed aluminium housing

硬齿面
Hardened gear

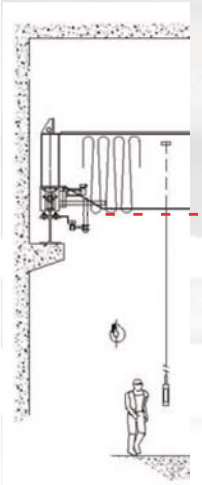
静音设计
Silent running

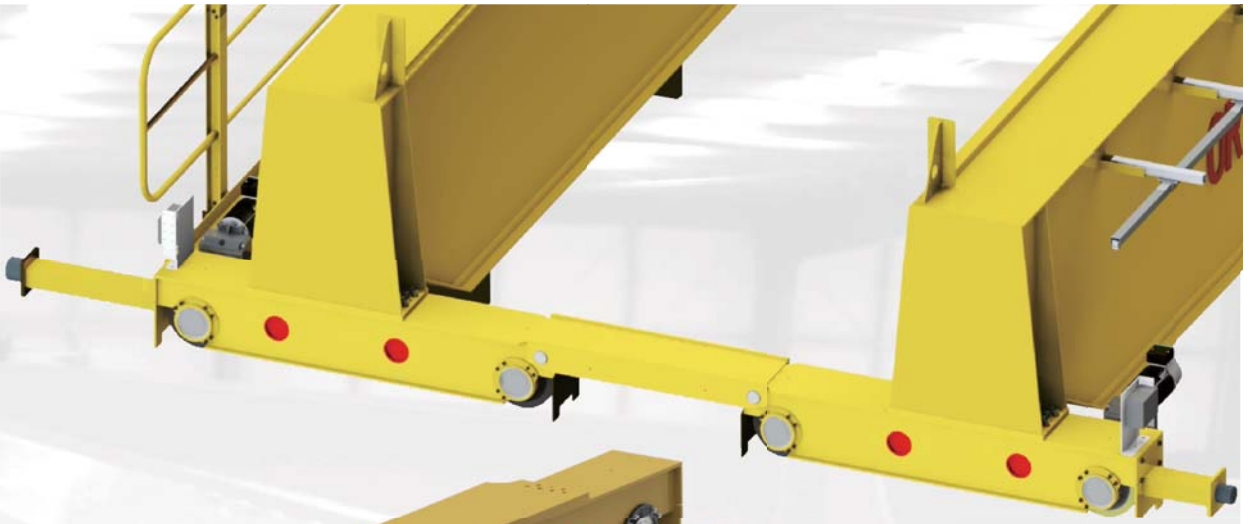
半油脂润滑
Semi-fluid grease lubrication

免维护
Maintenance free

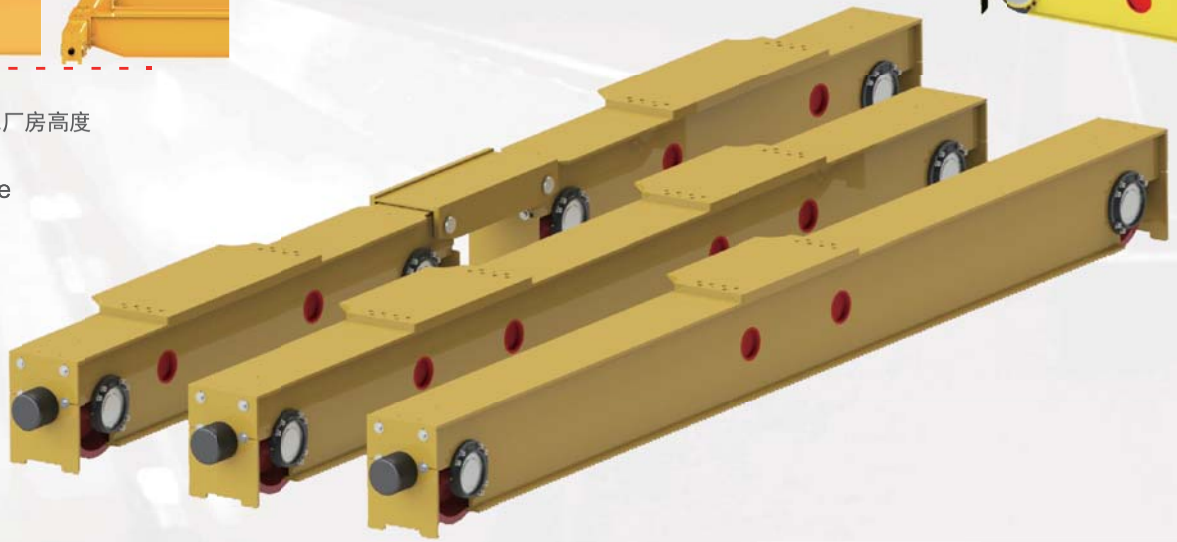


起重机三合一电机
GEARMOTOR





多种主端梁连接方式，适应各种厂房，降低厂房高度
Module joint designing
Fitting with smallest building clearance



欧式端梁
END CARRIAGE

大吨位端梁
Heavy load wheel block
Central lubrication

车轮调节装置，调节范围±3mm
对车间变形或轨道偏差有效补偿
Adjustable vertical inclination and
horizontal divergence

导向轮
Roller guider

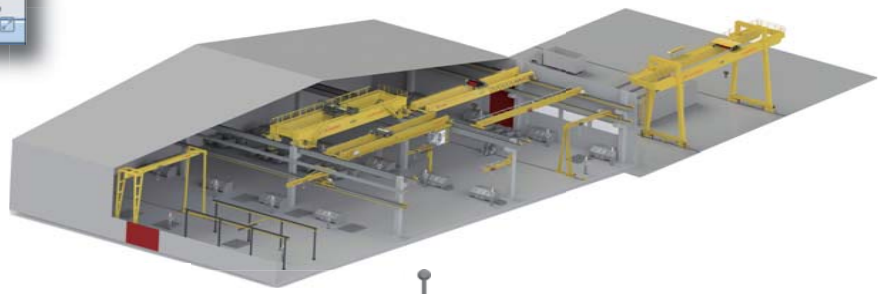
柔性直驱
Spline shaft, direct driving

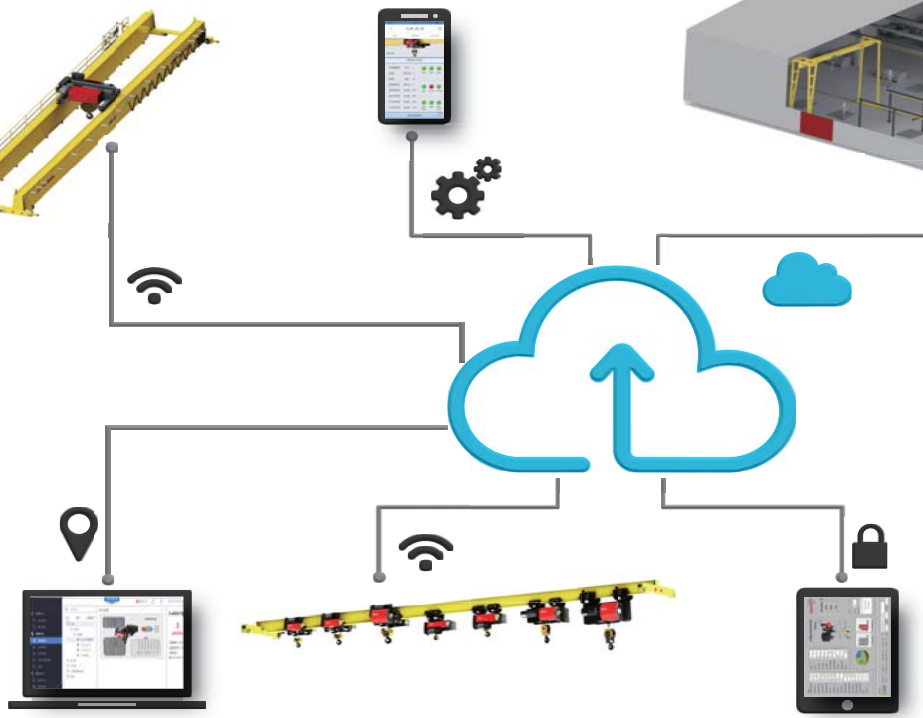
合金锻造车轮
Forging wheel
Alloy steel
42CrMo

球墨铸铁车轮
Casting wheel
DIN GGG70

Our safety commitment to your cranes...

智能监控系统
Intelligent Safety System (iSS)





智能安全监控器 (iSS)

计算起升机构剩余的安全工作周期
Hoist safe working period counter (SWP%)

累计起升工作时间
Lifting running time counter

累计超载次数
Overloading counter

累计起升电机启动次数
Motor starts counter

起升电机过热保护及报警
Overheating protection

过载保护及报警
Overload protection

刹车片厚度报警
Brake-ware supervision

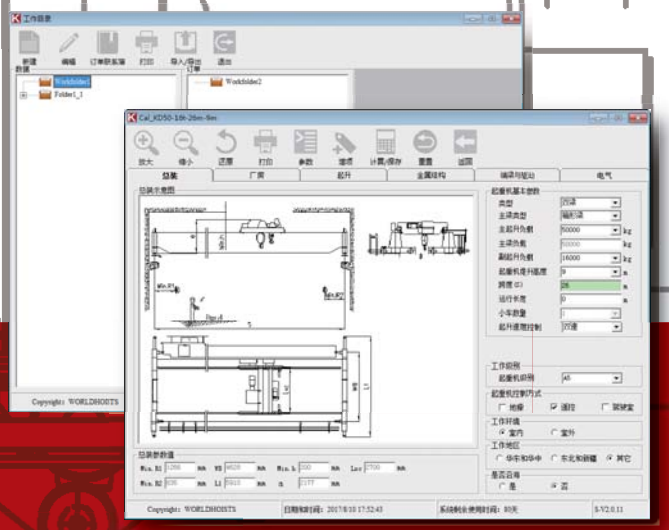
远程通讯
Ethernet /4G remote access

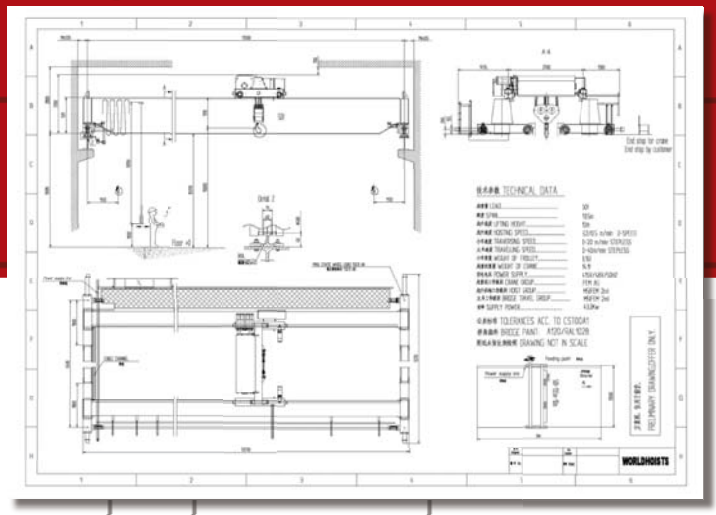
【掌上起重】APP远程监控
【My Cranes】Remote monitoring

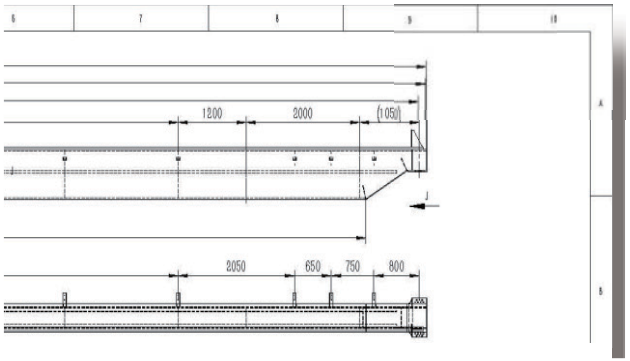
KING

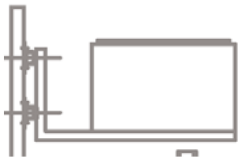
可以随身携带的起重机设计专家
Portable Crane designing
专业起重机设计软件
Professional Engineering Software
优化的设计方案
Optimized Calculation
易操作
Handy Running

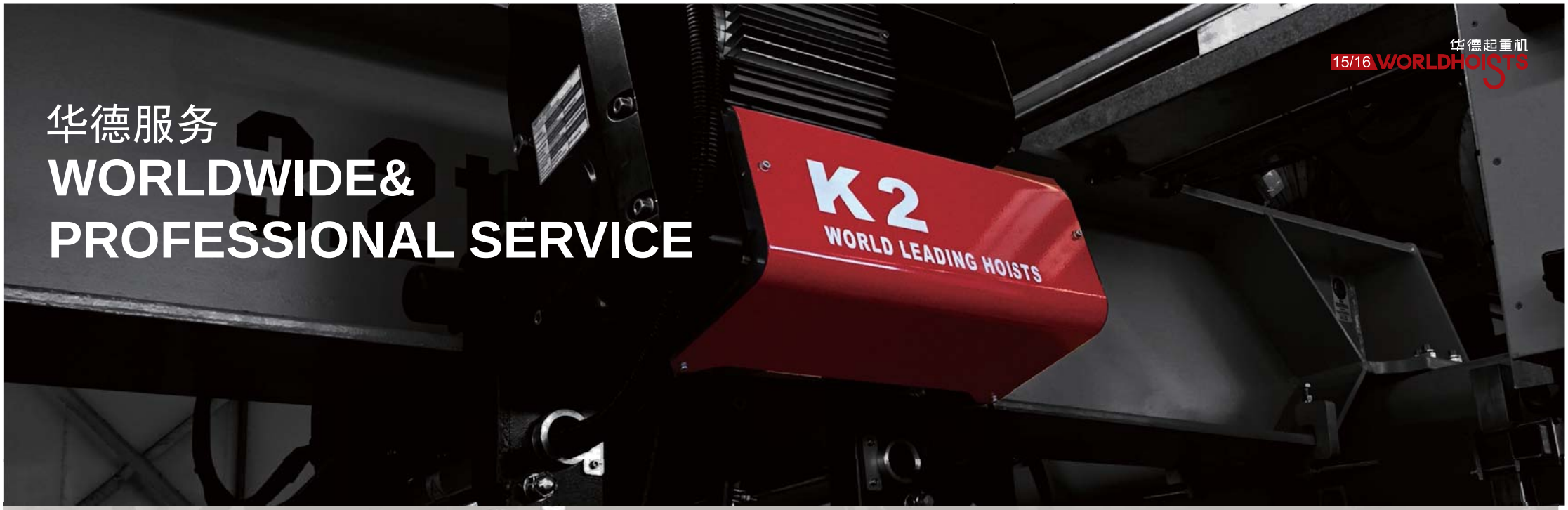
输出：
Professional Output:
起重机总图
-Crane Layout Drawing
起重机参数表
-Crane Data Sheet
全套部件清单
-Components List
整机及部件报价单
-Offer Sheet
主梁生产图
-Girder Manufactuiring Drawing











华德服务
WORLDWIDE& PROFESSIONAL SERVICE

先修原则
On call service 7x24hr

远程监控，数字化检修
Remote monitoring

备品备件
Spare parts

起升限位
Limit switch

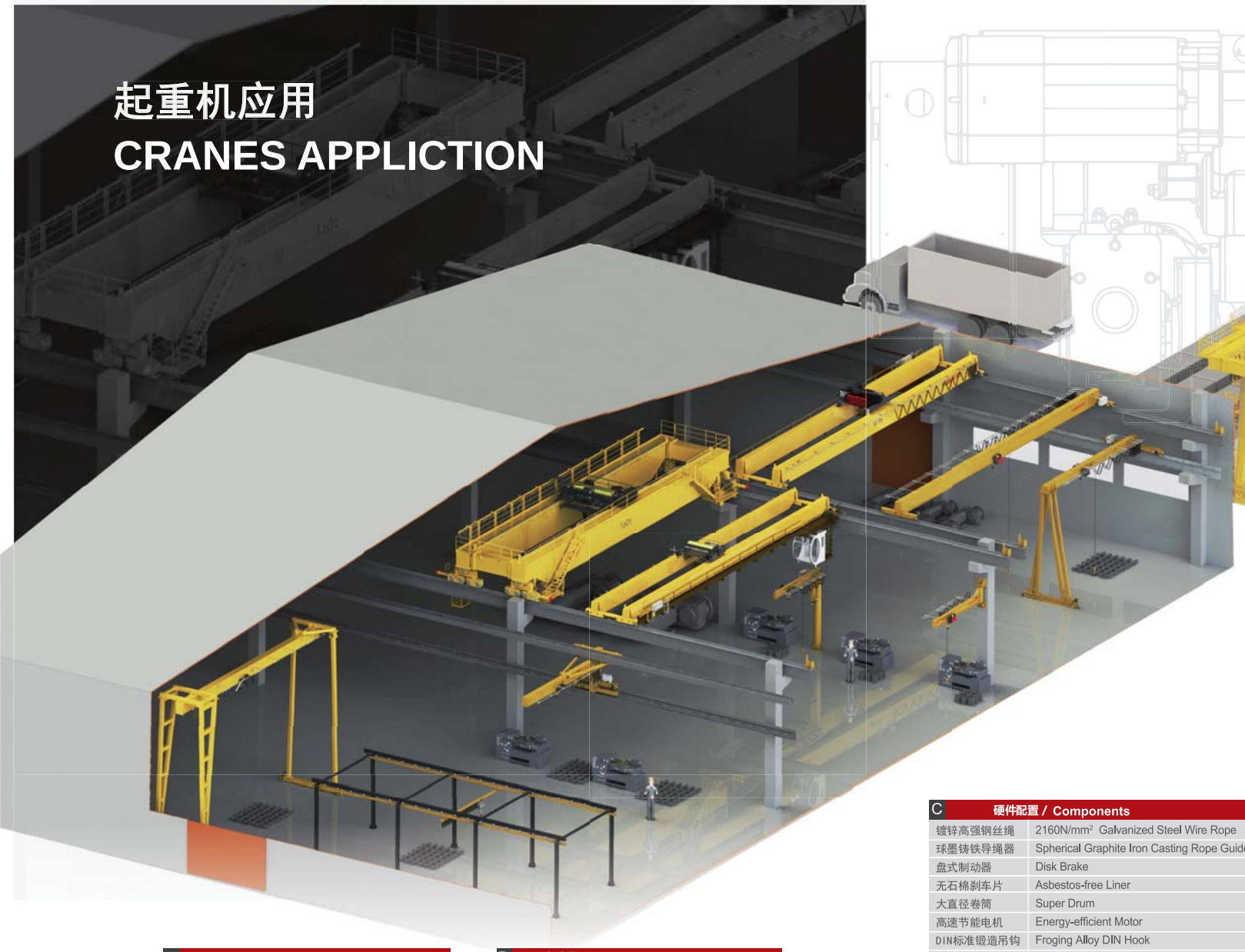
智能安全监控器
Intelligent Safety System

起升制动器
Lifting brake

电机
Lifting motor

起重机应用
CRANES APPLICTION

华德起重机
WORLDHOISTS



A	互联网+/ IT +	
	人机界面	HMI
	远程控制	Remote Access
	物联网远程管理	RFID Internet
	4G移动通讯	4G Wireless
	远程诊断系统	Remote Diagnosis System
	信息系统	Message System
	手机监控	Mobile App

B	自动化 / Automation	
	速度扩展功能	Speed Expending
	电子防摇功能	Anti-sway
	自动纠偏功能	Anti-skew
	寸动功能	Inching
	微速	Snail
	自动中心定位	Automatic Positioning
	同步功能	Synchronization

C	硬件配置 / Components	
	镀锌高强钢丝绳	2160N/mm² Galvanized Steel Wire Rope
	球墨铸铁导绳器	Spherical Graphite Iron Casting Rope Guider
	盘式制动器	Disk Brake
	无石棉刹车片	Asbestos-free Liner
	大直径卷筒	Super Drum
	高速节能电机	Energy-efficient Motor
	DIN标准锻造吊钩	Froging Alloy DIN Hook
	变频无级调速	Stepless Control
	可编程控制器	PLC
	安全监控器	Safety Monitoring Syatem
	硬齿面减速箱	Hardened Reducer
	电子制动功能	E-braking
	球墨铸铁车轮	Spherical Graphite Iron Casting Wheel
	IP55 防护等级	IP55
	电机强制风冷功能	Enhanced Motor Cooling

D	安全防护 / Safety and Protection	
	机械式超载限位	Mechanical Overloading Protection
	电子式超载保护	Electrical Overolading Protection
	电机过热保护	Motor Overheating Protection
	超速保护	Overspeeding Protection
	过流保护	Overcurrent Protection
	欠压保护	Low-voltage Protection
	漏电保护	Leakage Protection
	短路保护	Short Circuit Protection
	接地保护	Earthing Protection
	缺相保护	Phase Missing Protection
	错相保护	Phase Sequence Protection
	四级可编程旋转限位	Rotating Limit Switch
	两级重锤限位	Hook Approached Limit Switch
	雷达无线防撞保护	Anti-collision Radio Protection
	红外线光电限位	Anti-collision Infro Protection
	相邻起重机防撞保护	Anti-collision Protection for Neighbor Cranes
	双档十字拨杆限位	Cross Limit Switch
	遥控器防失灵保护	Remote Control Protection
	端梁防出轨保护	Earthquake Latch
	防松绳保护	Rope Anti-slack Protection
	吊钩安全扣	Hook Safety Latch
	防斜拉保护	Anti-tilting protecion
	防抱死保护	ABS
	防冲击保护	Anti shocking protecion