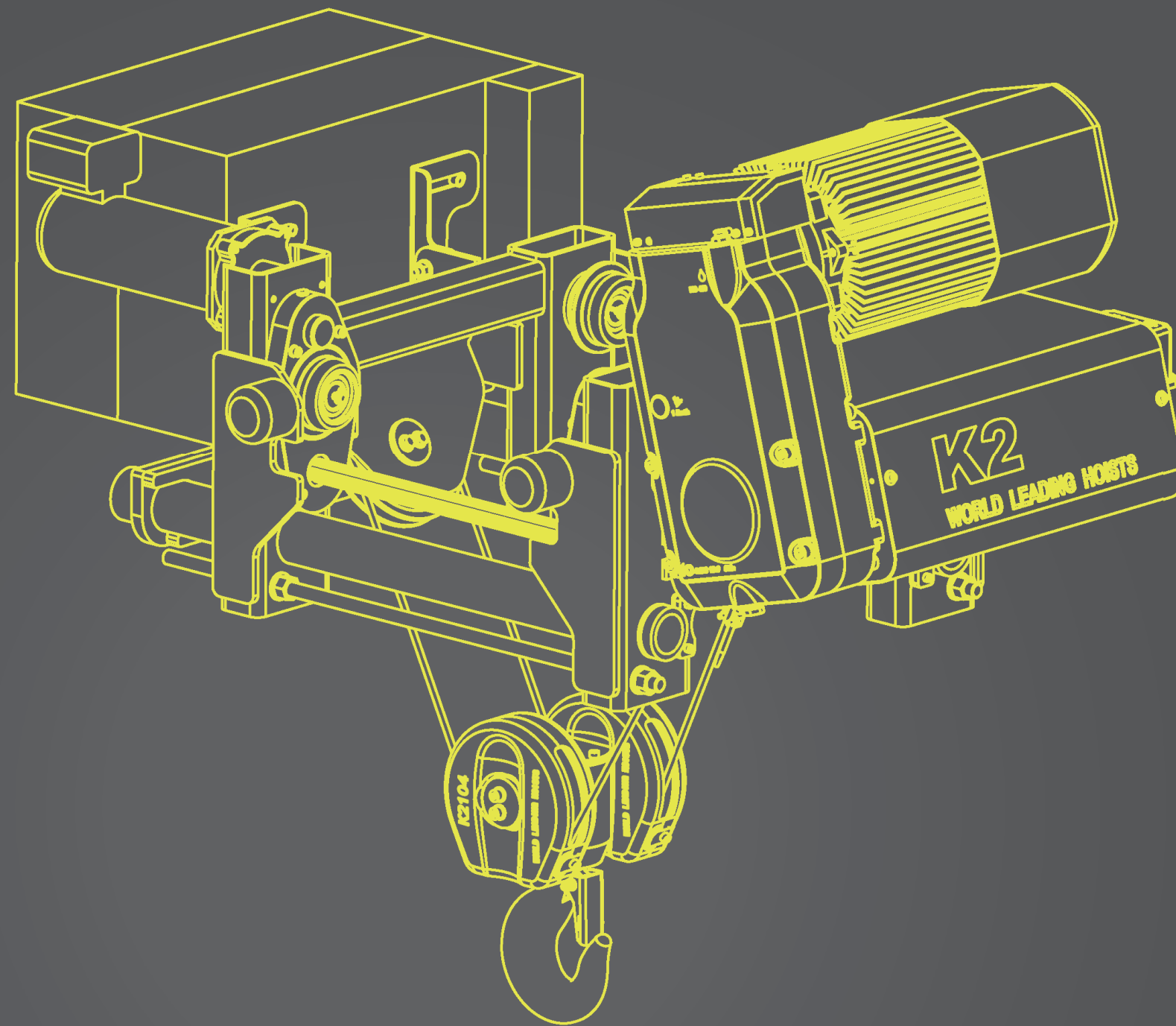




WORLDHOISTS (Tianjin) Co., Ltd.

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WORLDHOISTS



WORLD LEADING HOISTS



E ANTI-SWAY



STEPLESS CONTROL



SHOCK PREVENTION



MICRO STEPPING



ANTI SKEWING



SPEEDLESS HOLDING



SPACE SAVING



POWER SAVING



DIAGNOSIS & STATISTIC



SAFETY MONITORING SYS



MASSAGE-PRO



4-STEPS ADJUSTABLE
HOISTING LIMIT SWITCH



ISO GB FEM CMAA DIN BS

Worldwide Standards



WORLDHOISTS

60 years leading technology specialized in hoists, winches, drivings and controls

450 experienced employees, factory based in China

Professional crane designer powered by KING software, comply with ISO/FEM/DIN/CMAA/BS/GB

Beneficial partner-ship related to worldwide crane makers

Crane kits supplier qualified by CE / ISO9001 certificates

K Series
L i f t i n g F a m i l y



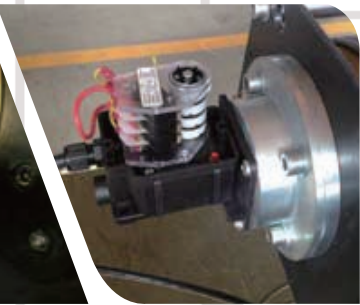
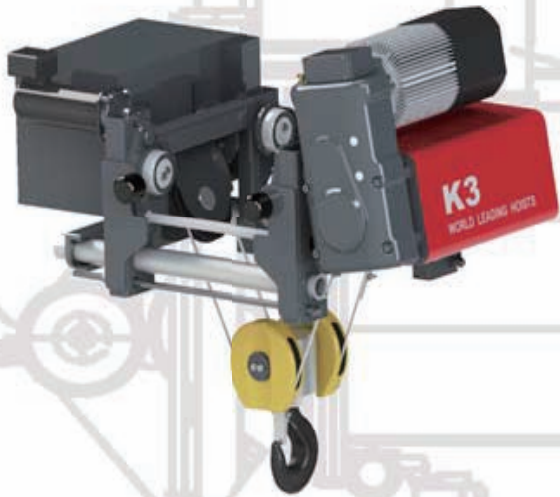


SWL (t)
0.8t - 32t

HOL (m)
Max. 60m

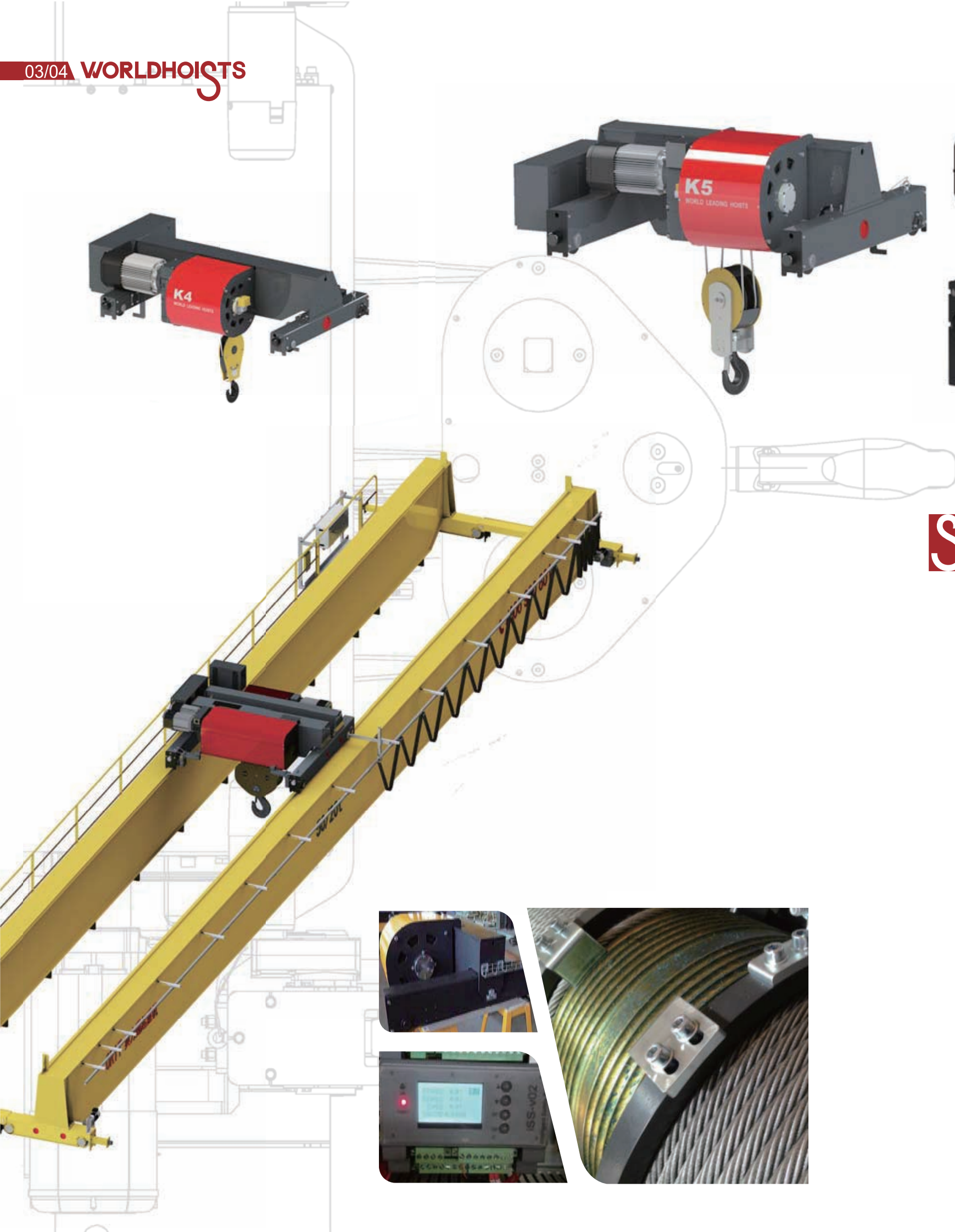
Class (FEM/ISO)
M5 – M6

- C-type structure
- Rotation mounting design for lifting motor
- Low headroom
- Smart driving, higher efficiency
- 2160N/mm² heavy duty galvanized wire rope
- Rotation lifting limit switch, 4 steps adjustable
- Reliable rope guider
- Super drum, longer rope lifetime
- Hardened gear
- DIN hook, class T
- Electromagnetic disk brake
- IP55 / H insulation
- Heavy duty motor, 60% ED rating
- Overheating, overloading protection
- Stepless control trolley
- Maintenance free



SINGLE GIRDER HOISTS



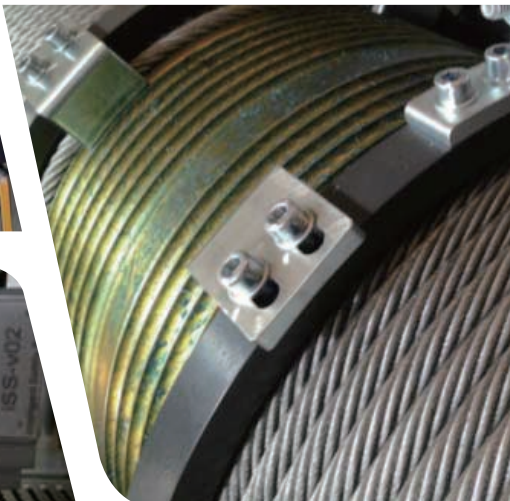


SWL (t)
0.8t - 80t

HOL (m)
Max. 90m

Class (FEM/ISO)
M3 - M7

- Low headroom
- Smart driving, higher efficiency
- Flexible lifting beam
- Hardened gear
- IP55 / H insulation
- Heavy duty motor, 60% ED rating
- Overheating, overloading protection
- Electromagnetic disk brake
- Maintenance free
- Stepless control trolley
- DIN hook, class T
- Reliable rope guider
- 2160N/mm² heavy duty galvanized wire rope
- Rotation lifting limit switch, 4 steps adjustable
- Safety monitoring sys, with LCD
- Anti-drop protection



DOUBLE GIRDER HOISTS



HEAVY WINCH

Tailor-made
Heavy duty processing application



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

- Space maker, building cost saving
- Heavy duty processing
- Smart driving, higher efficiency
- Maintenance free
- Multiple lifting tongs
- Inching / Micro-speed / Anti-sway
- HMI and Safety monitoring system



Heavy duty motor
60% ED rating
IP55 / H insulation
Over heating protection

Manual release

Electromagnetic disk brake
Heavy duty
Dust proof



High grade steel
wire rope



Hook approached limiter

Hardened gear

IP55 cubicle

Rope roller

Overloading protection

Rotation
limit switch

Stepless
traversing

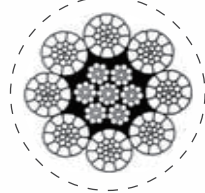
Dropleas
latch

Overspeeding
protection

Grease nipples
in one group

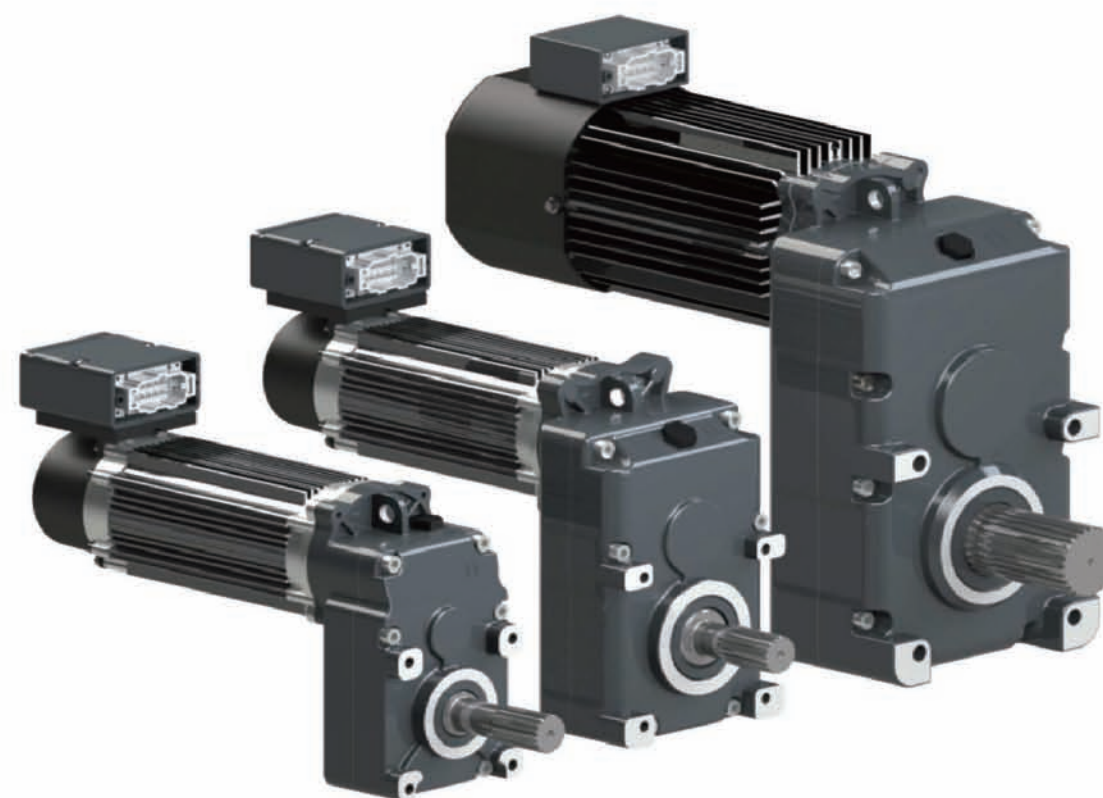


True vertical
lifting



DIN Hook
Material 34CrMo4QT/34CrNiMo6QT
Optimized size
Forging hook



**T3**

0.3-1.1kW

T4

0.65-2.2kW

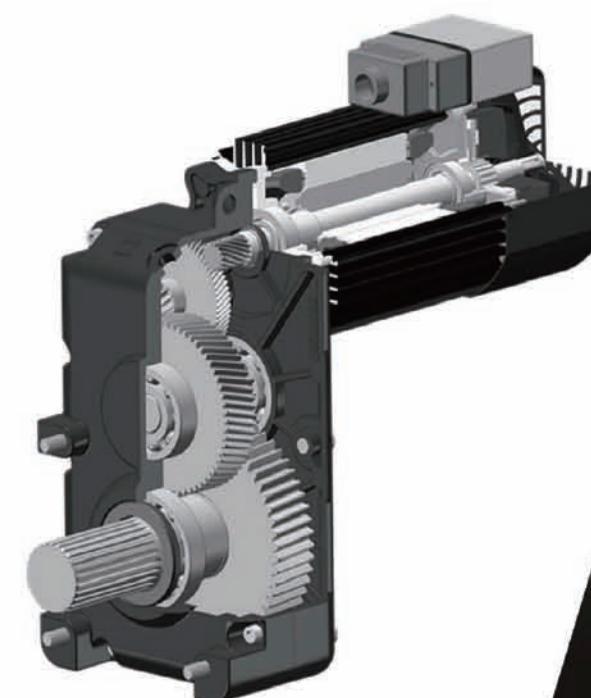
T5

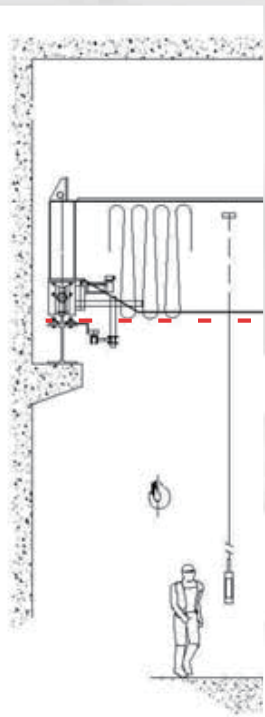
1.1-3.0kW

Compact designing
Integrated motor + brake + gearbox

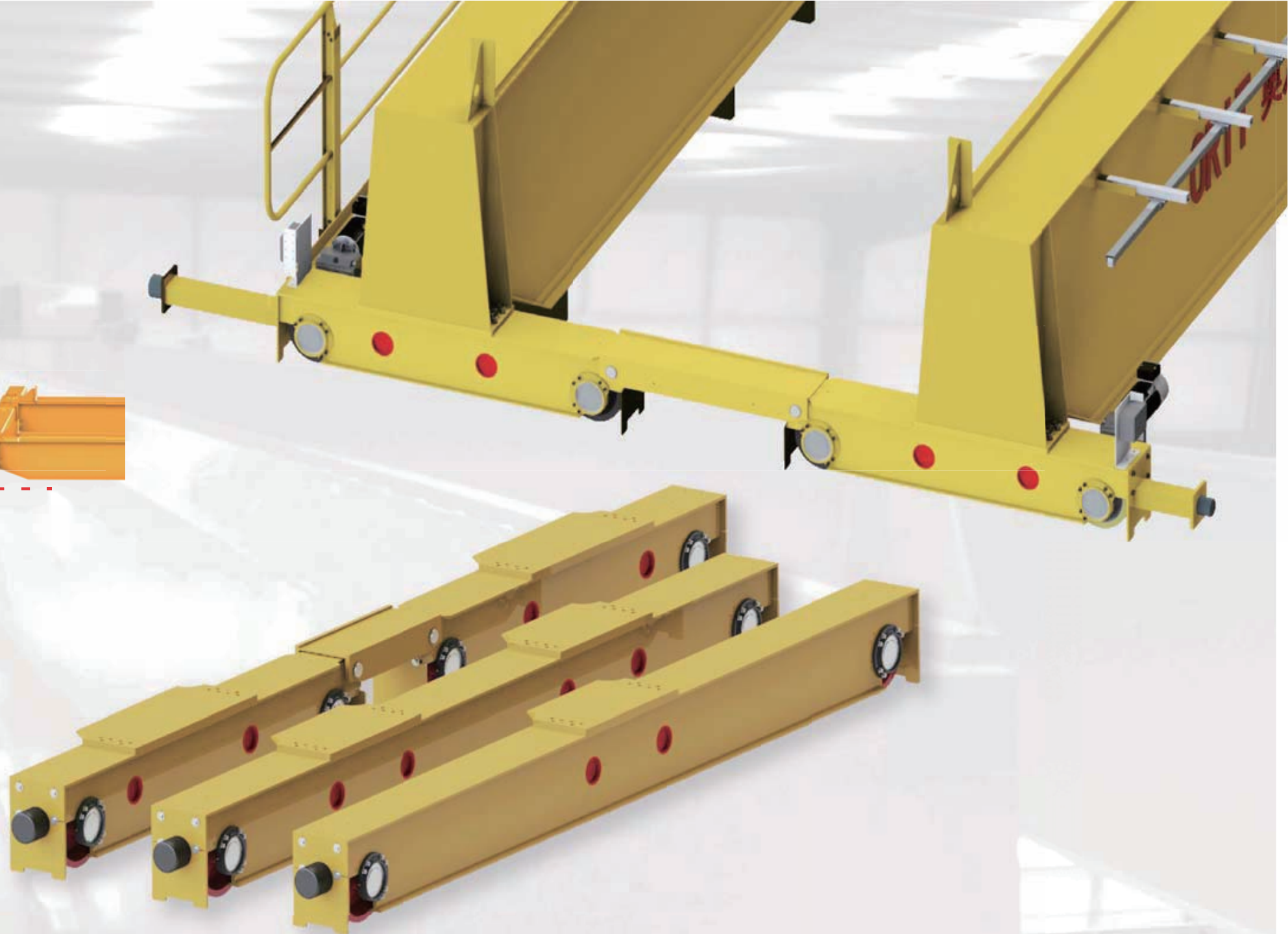
Stepless travelling
Squirrel-cage, synchronous motor
Max. speed 4800rpm
Heavy duty 60% ED rating
IP55 protection
Electromagnetic disc brake

Totally enclosed aluminium housing
Hardened gear
Silent running
Semi-fluid grease lubrication
Maintenance free

**GEARMOTOR**



Module joint designing
Fitting with smallest building clearance



END CARRIAGE



Heavy load wheel block
Central lubrication



Adjustable vertical inclination and
horizontal divergence



Roller guider



Spline shaft, direct driving



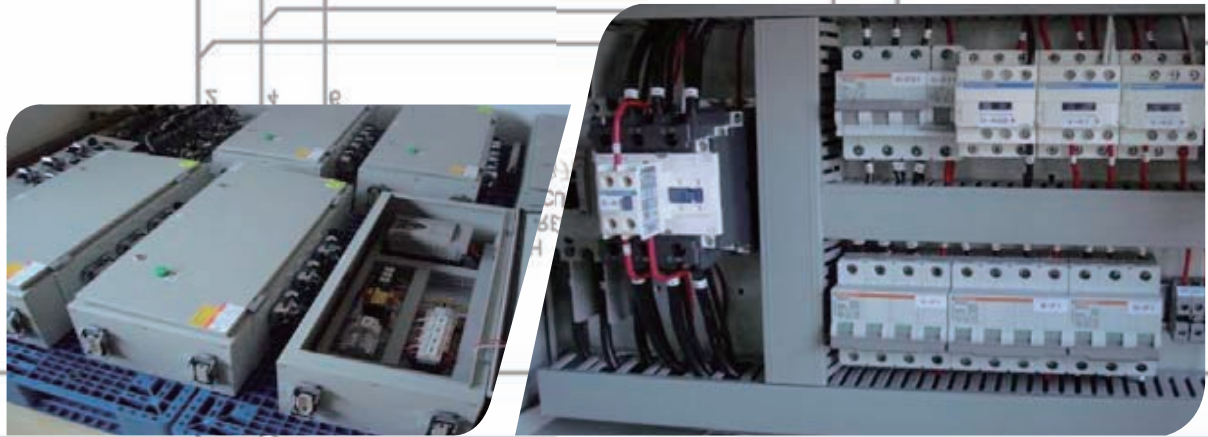
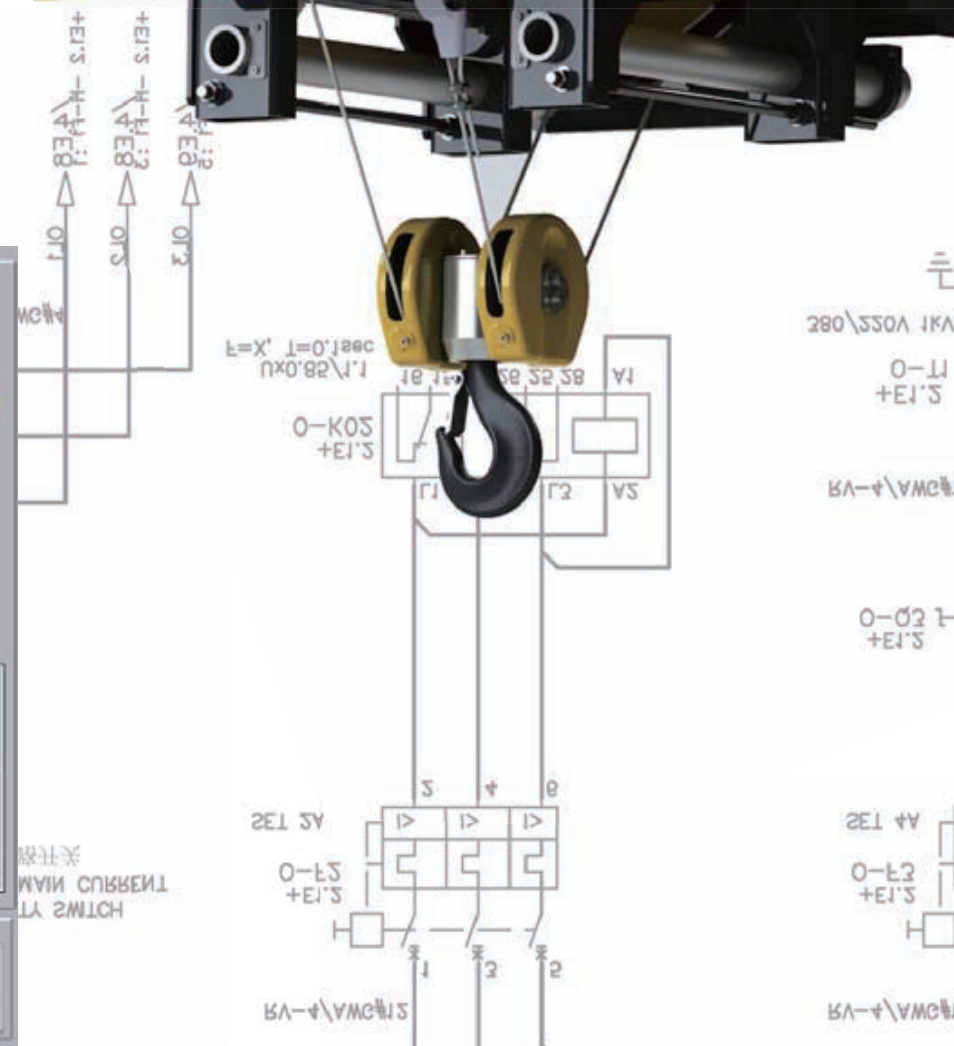
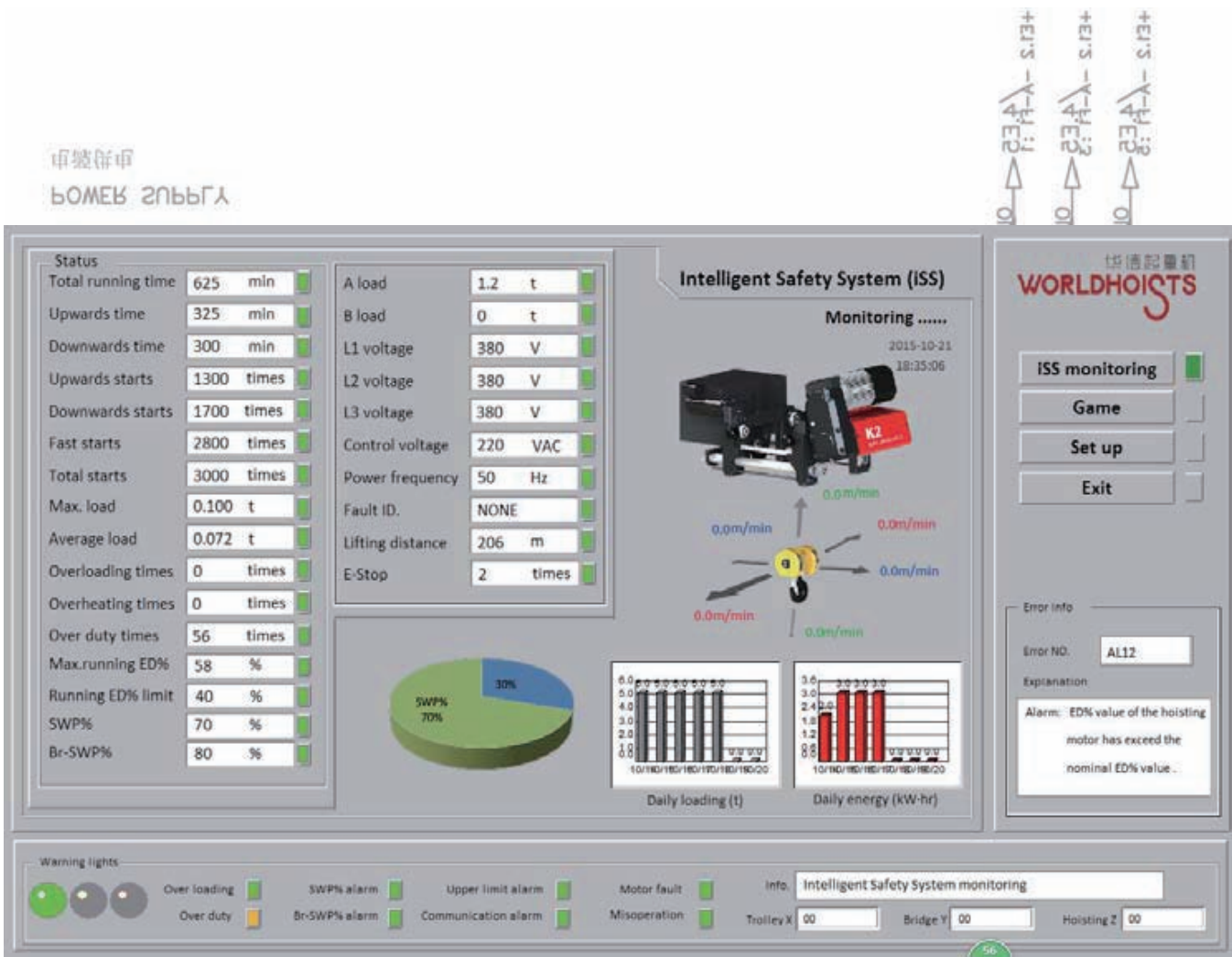
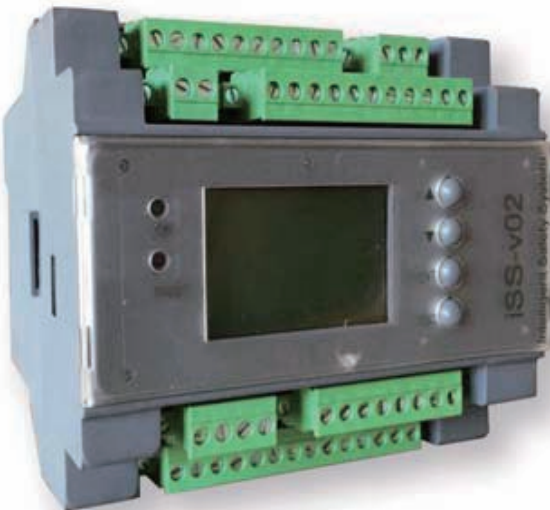
Forging wheel
Alloy steel
42CrMo



Casting wheel
DIN GGG70

Our safety commitment to your cranes...

Intelligent Safety System (iSS)



ISS

- Hoist safe working period counter (SWP%)
- Lifting running time counter
- Overloading counter
- Motor starts counter
- Overheating protection
- Overload protection
- Brake-wear supervision
- Ethernet /4G remote access

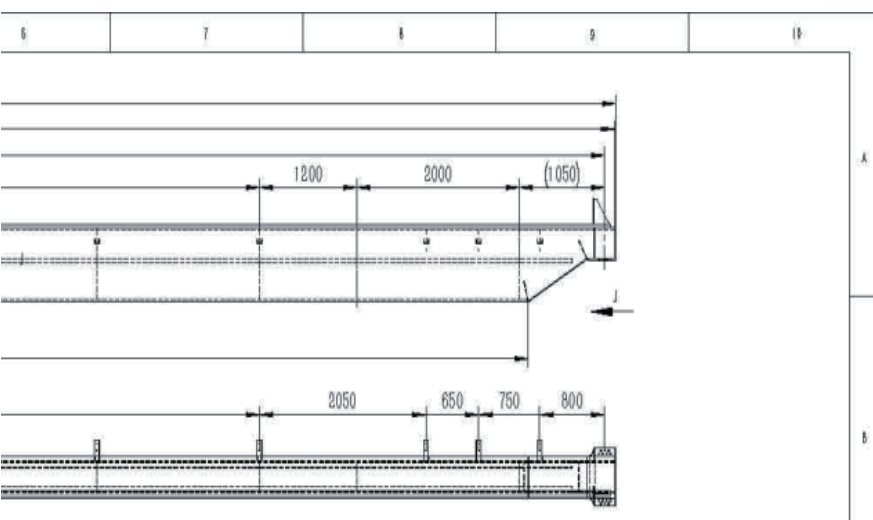
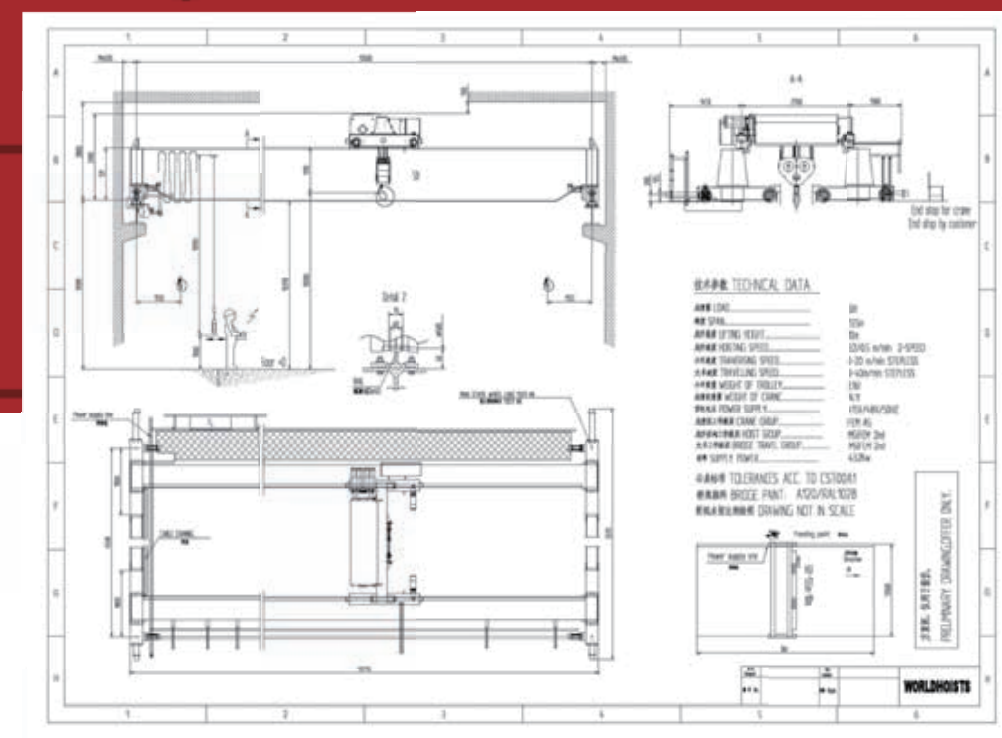
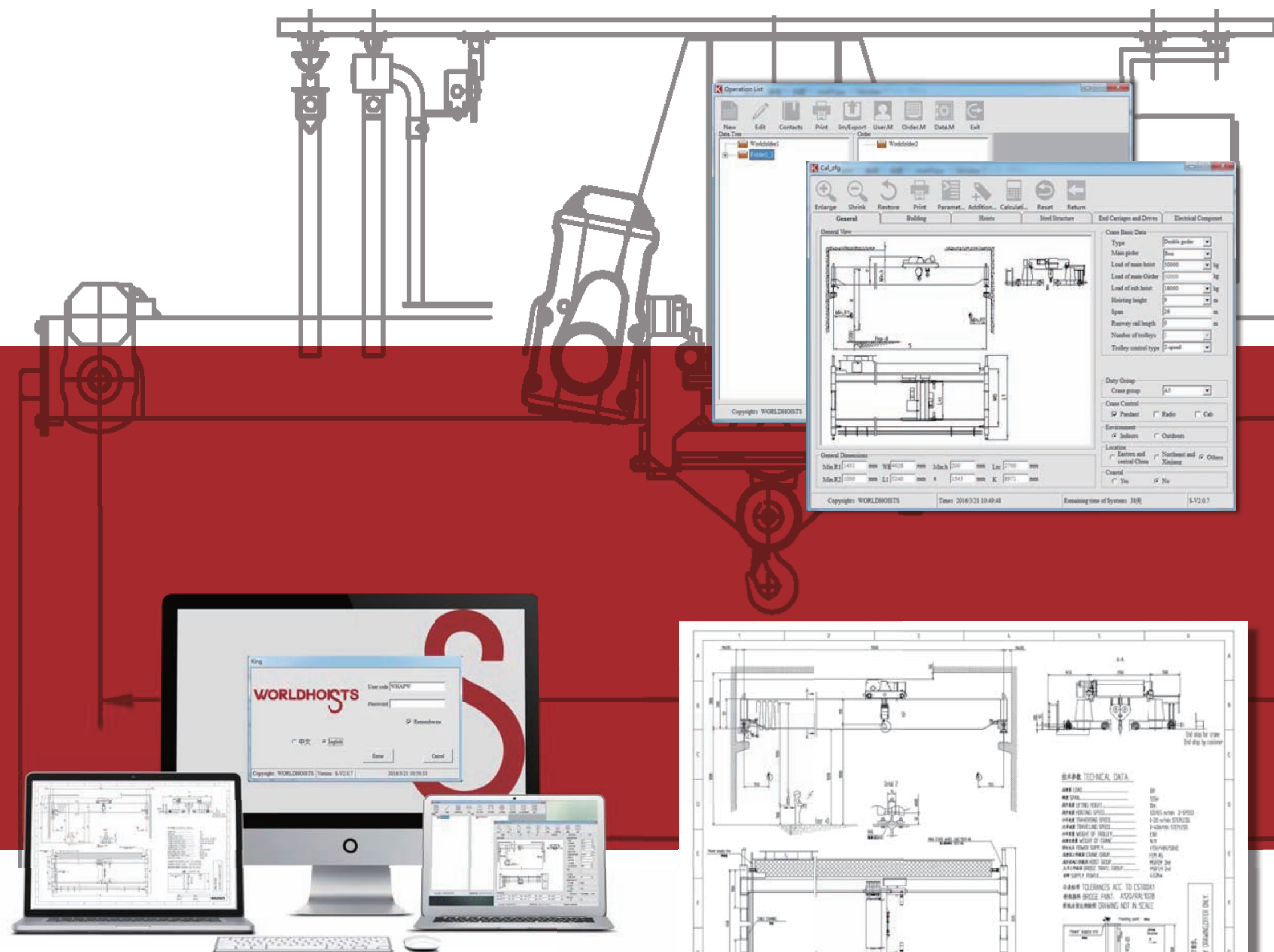
CONTROL SYSTEM

KING

Portable Crane Designer
Super Engineering Software
Optimized Calculation
Handy Running

Professional Output:

- Crane Layout Drawing
- Crane Data Sheet
- Components List
- Offer Sheet
- Girder Manufacturing Drawings



WORLDWIDE & PROFESSIONAL SERVICE



On call service



Spare parts



Limit switch



Intelligent Safety System



Lifting brake



Lifting motor



High grade steel wire rope



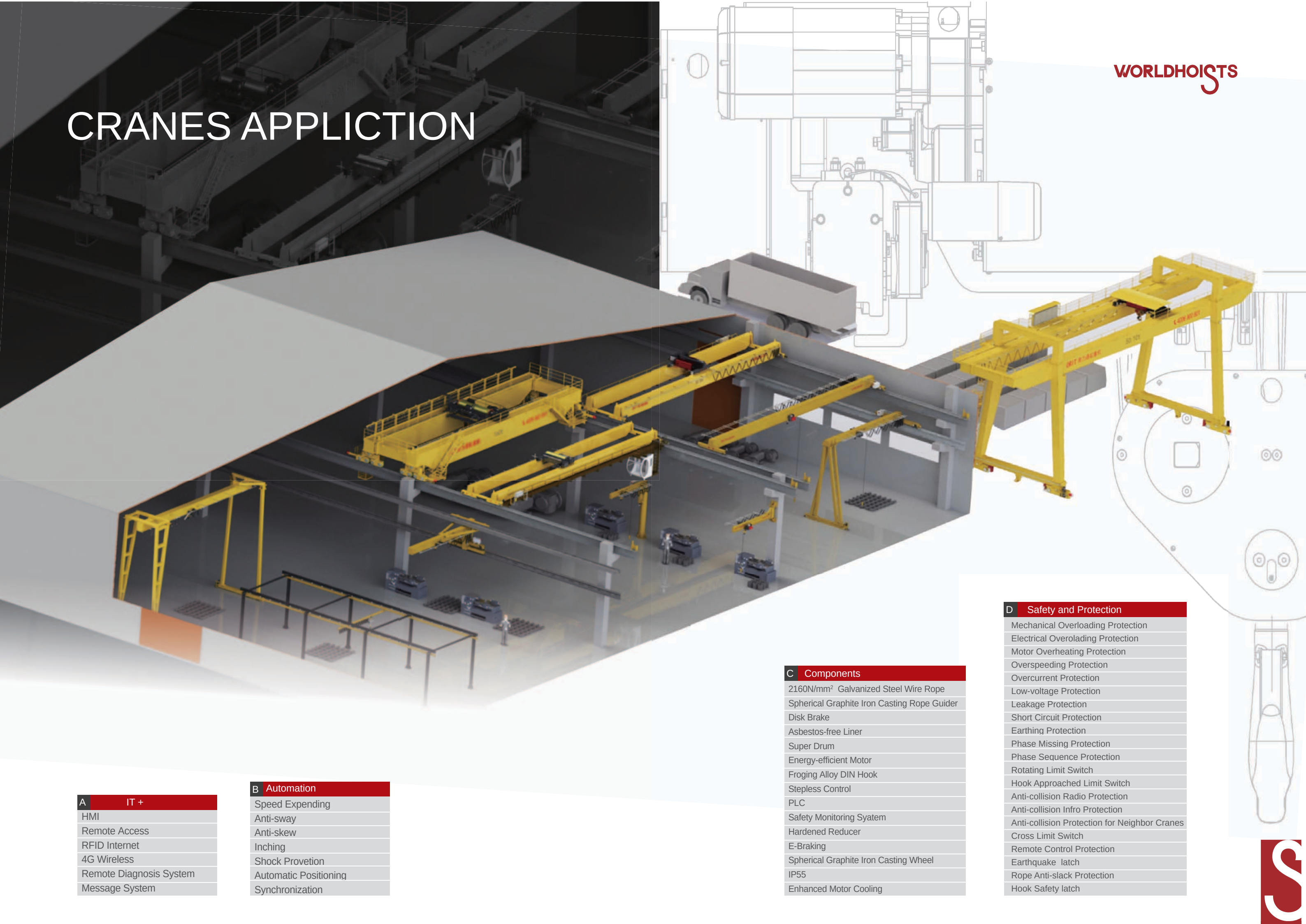
Rope guider



Push button pendant

CRANES APPLICATION

WORLDHOISTS



A	IT +
	HMI
	Remote Access
	RFID Internet
	4G Wireless
	Remote Diagnosis System
	Message System

B	Automation
	Speed Expending
	Anti-sway
	Anti-skew
	Inching
	Shock Provetion
	Automatic Positioning
	Synchronization

C	Components
	2160N/mm ² Galvanized Steel Wire Rope
	Spherical Graphite Iron Casting Rope Guider
	Disk Brake
	Asbestos-free Liner
	Super Drum
	Energy-efficient Motor
	Froging Alloy DIN Hook
	Stepless Control
	PLC
	Safety Monitoring Syatem
	Hardened Reducer
	E-Braking
	Spherical Graphite Iron Casting Wheel
	IP55
	Enhanced Motor Cooling

D	Safety and Protection
	Mechanical Overloading Protection
	Electrical Overlading Protection
	Motor Overheating Protection
	Overspeeding Protection
	Overcurrent Protection
	Low-voltage Protection
	Leakage Protection
	Short Circuit Protection
	Earthing Protection
	Phase Missing Protection
	Phase Sequence Protection
	Rotating Limit Switch
	Hook Approached Limit Switch
	Anti-collision Radio Protection
	Anti-collision Infro Protection
	Anti-collision Protection for Neighbor Cranes
	Cross Limit Switch
	Remote Control Protection
	Earthquake latch
	Rope Anti-slack Protection
	Hook Safety latch

