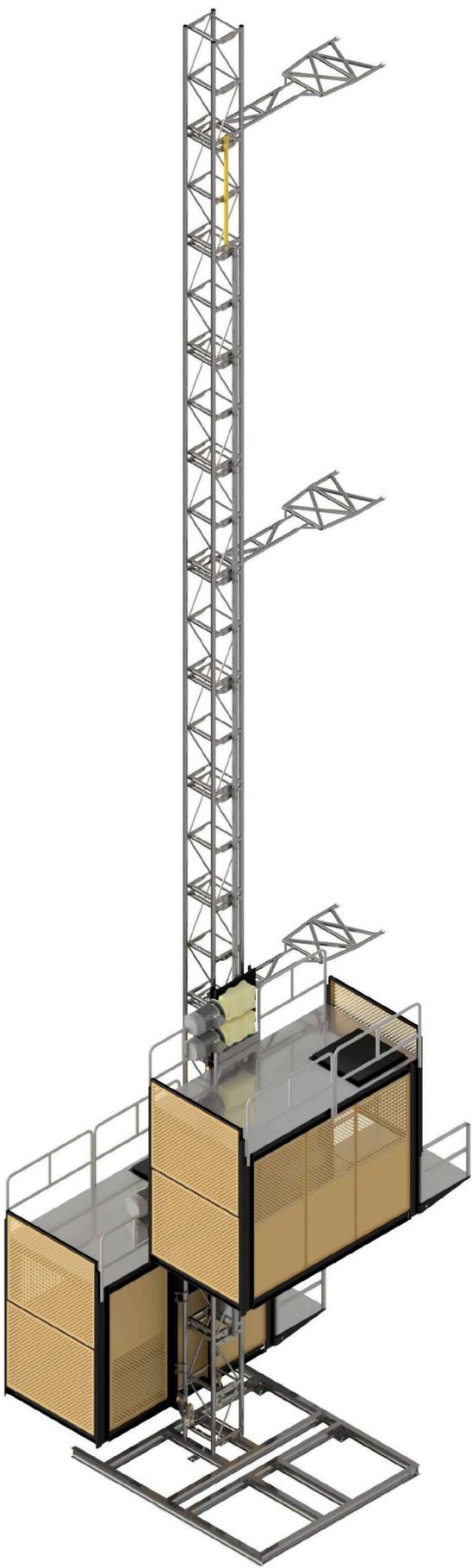


LUCRATIVE OPTIMAL EFFICIENCY PASSENGER HOIST



OVERVIEW

The D-Trackx is expertly engineered for Rack & Pinion Passengers and Material Hoist, offering vertical transport of all type of material with high efficiency, enhanced safety, reduced energy consumption and low operating costs—making it an ideal solution for construction and industrial segments. It features an advanced microprocessor-based hoist control system with stop-next-landing functionality, ensuring smooth operation and user-friendly control. Built to deliver consistent performance, the D-Trackx meets the demands of modern construction environments with ease and reliability.

Designed for versatility, the D-Trackx can share a mast with the D-Trackx medium range of transport platforms, material hoists, and mast climbing work platforms. This compatibility enhances the utilization of machine accessories and significantly increases transport capacity in a cost-effective manner. With its intelligent design and durable construction, the D-Trackx maximizes operational efficiency while minimizing downtime and maintenance requirements.

MAIN CHARACTERS

SAFETY

The D-Trackx is equipped with an advanced safety device, precise overload sensor, and a mechanical interlocking door system. These integrated features work together to ensure optimal protection for users and materials, meeting the highest standards of operational safety and reliability.

RELIABILITY

Constructed from high-strength steel, the D-Trackx offers extended equipment life and reduced dead weight. Its robust design, built on proven D-Trackx technology, ensures dependable performance, making it a reliable hoist solution that consistently delivers in demanding conditions.

ECONOMICAL

Offering durability, easy accessibility, and straightforward installation and dismantling, the D-Trackx ensures low ownership costs for construction and industrial segments by minimizing maintenance expenses and downtime while maximizing operational efficiency and long-term value.

EFFICIENCY

The D-Trackx features a high-efficiency bevel helical gearbox that delivers up to 30% lower power consumption and reduced operating costs compared to competitor hoists. Its integrated electrical cabinet maximizes internal space, increasing lifting capacity and contributing to a more compact, efficient design.

ERGONOMIC DESIGN

Designed for durability and operator comfort, the D-Trackx features a robust build, intuitive stop-next-landing control, and LED cage lighting. Multiple door and ramp options ensure usability, with optional installation crane and single or dual cage configurations for added flexibility.

ROBUST DESIGN

The D-Trackx features a robust car design combined with multiple door and ramp options, delivering exceptional usability and adaptability. This durable construction not only enhances operational efficiency but also significantly extends the equipment's service life in demanding environments.

SMOOTH OPERATION

Frequency control technology enables smooth starts and stops by minimizing the starting current, which reduces mechanical stress and wear. This results in improved equipment longevity, enhanced operational efficiency, and decreased maintenance requirements for reliable, long-term performance.

PROVEN TECHNOLOGY

The D-Trackx features an intuitive control system built on proven technology, ensuring straightforward operation and user-friendly handling. This design simplifies hoist management, enhances operator efficiency, and reduces training time, making it ideal for diverse construction and rental applications.

QUALITY, ENERGY-EFFICIENCY & LOW-COST OWNERSHIP

RACK AND PINION

Globally recognized D-Trackx leads in rack and pinion drive technology with over 8 years of innovation in high-quality products tailored to client requirements. Engineered to exacting standards, D-Trackx solutions guarantee reliability, energy efficiency, and durability in the most demanding conditions.

EXTENDED EQUIPMENT LIFE

D-Trackx utilizes lightweight, high-strength seamless steel tube mast sections with balanced central rack positioning to ensure even wear and longer service life. Components feature premium coatings—aluminum anodized frames, Geomet-coated mast items, HDG base frame, and PU-coated cabin structure.

FLEXIBILITY OF DESIGN

D-Trackx offers flexible design with three door options—vertical, bi-folding, or vertical with load ramp—allowing quick and easy material loading. The integrated load ramp eliminates the need for special landing bridges, enhancing efficiency across construction, rental, and industrial applications.

REDUCED POWER CONSUMPTION

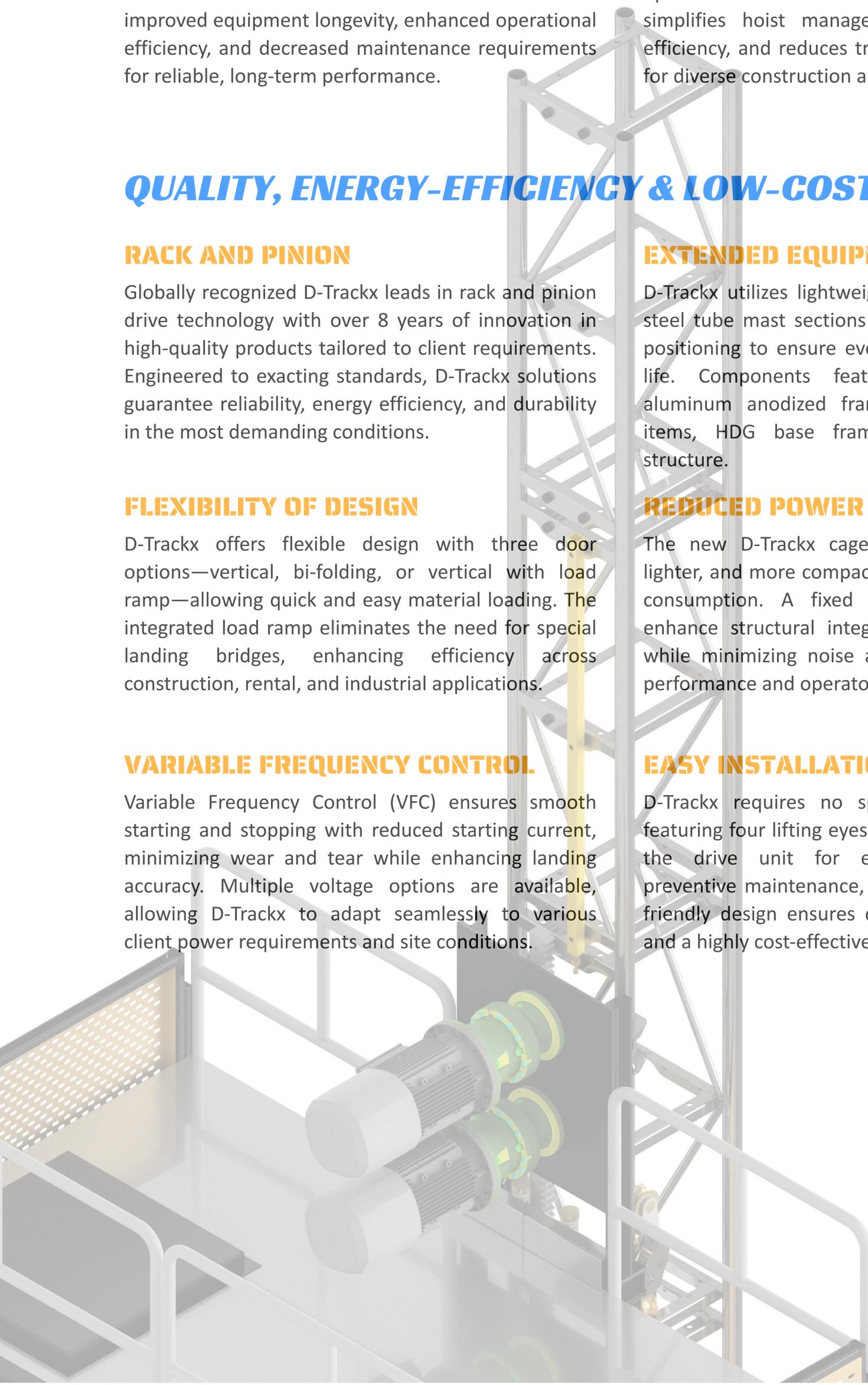
The new D-Trackx cage design features stronger, lighter, and more compact materials, reducing power consumption. A fixed frame and welded walls enhance structural integrity, extending service life while minimizing noise and vibration for improved performance and operator comfort.

VARIABLE FREQUENCY CONTROL

Variable Frequency Control (VFC) ensures smooth starting and stopping with reduced starting current, minimizing wear and tear while enhancing landing accuracy. Multiple voltage options are available, allowing D-Trackx to adapt seamlessly to various client power requirements and site conditions.

EASY INSTALLATION & DISMANTLE

D-Trackx requires no special tools for assembly, featuring four lifting eyes on the car roof and two on the drive unit for easy installation, efficient preventive maintenance, and dismantling. This user-friendly design ensures quick setup, reduced labor, and a highly cost-effective hoist solution.

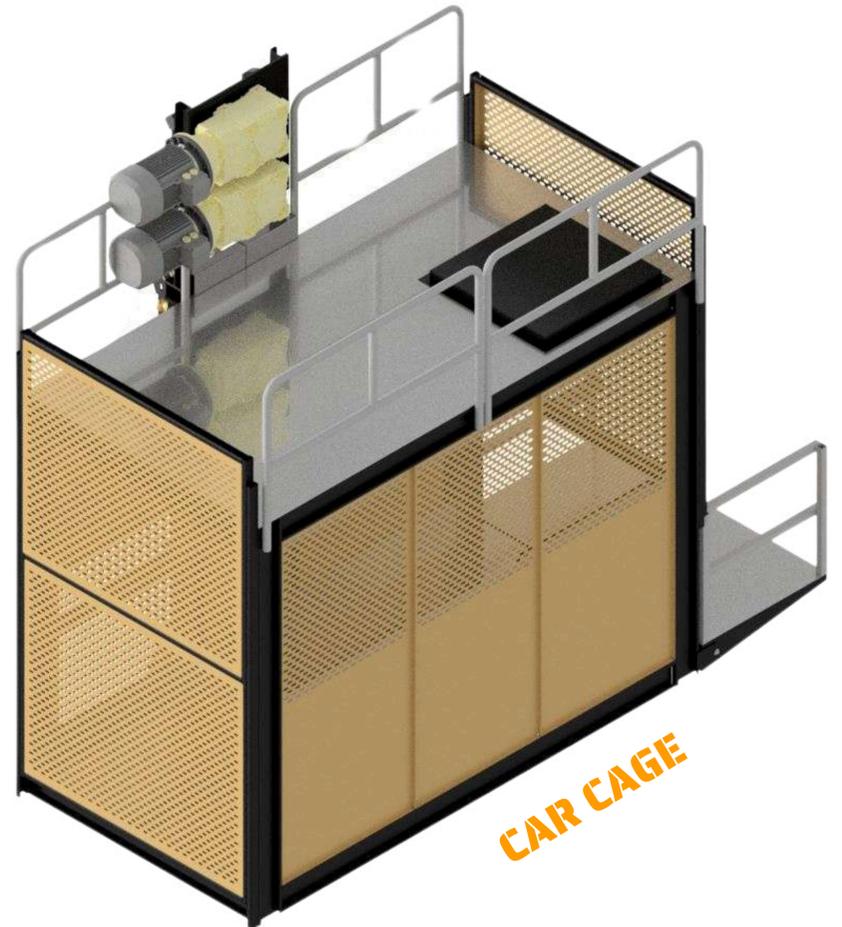




MAST



VDF



CAR CAGE



CBD



SHOCK ABSORBER



HMI DISPLAY



LOAD CELL



GEARBOX



CONTROLLER

ENHANCED EFFICIENCY IN PASSENGER & MATERIAL LIFTING

The latest D-Trackx construction hoist has been upgraded for efficient vertical transportation of goods and passengers. Featuring enhanced door configurations and advanced drive unit technology, it delivers improved operational performance, increased safety, and greater reliability. These upgrades not only enhance user experience and equipment durability but also contribute to significantly lowering the total cost of ownership for construction and rental companies.

HIGHER QUALITY STANDARD

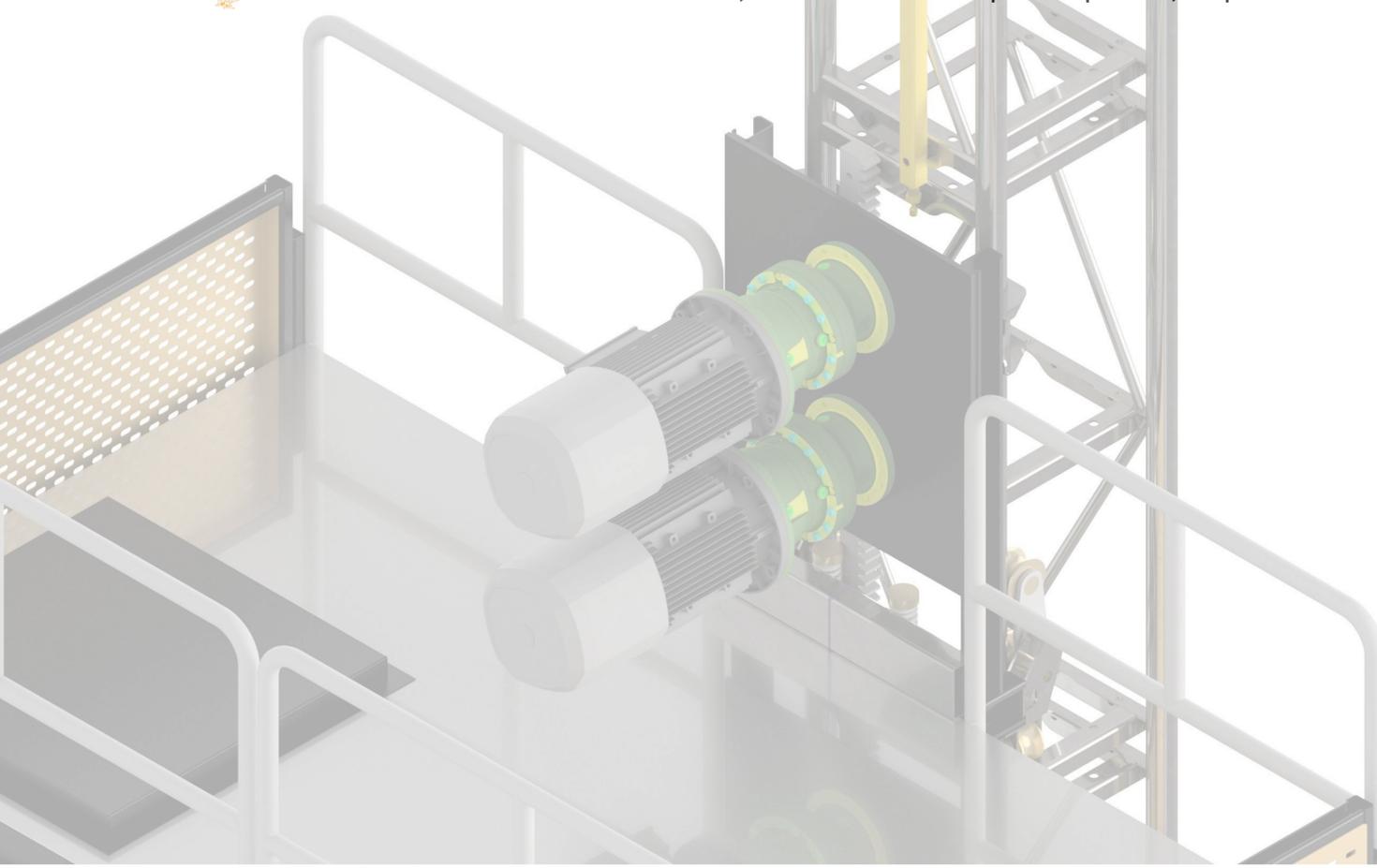
- European components, safety device, gearbox and electrical components for main-panel
- Upgraded cable routing and sign placement inside the hoist for easier visibility
- New roller assembly design, made from durable cast iron material
- An additional latch ensures stability of the hoist cars roof hatch

ENHANCED DOOR DESIGN FOR GREATER RELIABILITY AND SUSTAINABILITY

- Lighter door made from Aluminium, for increased sustainability
- Lighter and shorter manual bridge on vertical sliding door for efficient operation
- Bi-parting door lock safety cover to prevent accidental touch
- Updated mounting design of the door limit switch to protect it from damage, increasing switch life span

ENHANCED DRIVE UNIT FOR LOWER COSTS AND LONGER LIFE

- New and improved drive unit with anticorrosion, rust proof galvanized steel frame. The drive unit occupies less space on the roof for easier maintenance
- New stainless-steel design of FC resistor for increased resistance, with better heat dissipation and reliable performance
- Easy assembly and maintenance of aviation plug used for cable inlet of electrical panel on drive unit
- New motor attached SNL encoder, that does not require a pinion, improves landing accuracy



HIGHER QUALITY STANDARD

- 
 New control panel with integrated touchscreen provides a better and more visual control system. The control panel design is equipped with an isolating switch, which can quickly cut off the power supply during maintenance.
- 
 New user-friendly LCD touchscreen with protective glass and ingress protection IP54, delivers real-time hoist status information. It facilitates easier, safer operation and simplified troubleshooting.

HIGHLIGHTS

- 
 Cage Material is made up of High Grade Aluminum 5052 with anodize coating
- 
 Seamless pipes Mast (Grade B36.10) 60 dia. with **GEOMET** Coat which give minimum 20 Years of shelf life.
- 
 Wall Tie and Bracket are too **GEOMET** Coated which give min 20 Year of shelf life.
- 
 Our modular base frames are Hot dip galvanized coated ensuring long-term durability.
- 
 Safety Device (CBD) we are using a proven product SAJ make.
- 
 Specially Design Shock absorber on the mast top to ensure safer ride of the machine if final limit override.
- 
 Biometric Access System is an optional to avoid unauthorised individuals to gain machine access.
- 
 Floor calling (optional), It helps user to summon hoist to specific floor and reduced wait time.

EUROPEAN STANDARD

- 
 Mast, Wall ties and Cage Assembly- EN 12159
- 
 Design, Safety and Inspection - EN81-1, EN81-20, 31, 50.

TECHNICAL SPECIFICATIONS

Model	DTPM - 45 - 2000-36	DTPM - 45 - 2000-60
Payload capacity, max.	2,000 kg	2,000 kg
Traveling speed	36 m/min	60 m/min
Lifting height, max.	150 m	200 m
Motor control (VFD) Make Siemens/Schneider	Frequency control (22kW VFD)	Frequency control (22kW VFD)
No. of motors	2 x 9.2 kW	2 x 9.6 kW
Control system	Hold to run	Hold to run or SNL
Car size (W x L x H)	1.4 m x 3.0 m x 2.1 m	1.4 m x 3.0 m x 2.1 m
Power supply range	400 V, 50 Hz, 3 phase	400 V, 50 Hz, 3 phase
Type of mast (Seamless Tubular Steel)	450 x 450 x 1508mm	450 x 450 x 1508mm
Length mast section	1.508 m	1.508 m
Rack module	8	8
Safety device type	SAJ40-0.9 m/s	SAJ40-1.4 m/s

TECHNICAL SPECIFICATIONS

Model	DTPM - 65 - 2000-36	DTPM - 65 - 2000-60	DTPM - 65 - 2000-90
Payload capacity, max.	2,000 kg	2,000 / 2,700 kg	2,000 kg
Traveling speed	36 m/min	60 m/min	90 m/min
Lifting height, max.	150 m Above	500 m	500 m
Motor control (VFD) Make Siemens/Schneider	Frequency control (22kW VFD)	Frequency control (22kW / 33kW VFD)	Frequency control (33kW VFD)
No. of motors	2 x 11 kW	2 x 11 kW / 3 x 11 kW	3 x 11 kW
Control system	Hold to run	Hold to run or SNL	Hold to run or SNL
Car size (W x L x H)	1.5 m x 3.2 m x 2.1 m	1.5 m x 3.2 m x 2.1 m	1.5 m x 3.2 m x 2.1 m
Power supply range	400 V, 50 Hz, 3 phase	400 V, 50 Hz, 3 phase	400 V, 50 Hz, 3 phase
Type of mast (Seamless Tubular Steel)	650 x 650 x 1508mm	650 x 650 x 1508mm	650 x 650 x 1508mm
Length mast section	1.508 m (4'-11 3/8")	1.508 m (4'-11 3/8")	1.508 m (4'-11 3/8")
Rack module	8	8	8
Safety device type	SAJ40-0.9 m/s	SAJ40-1.4 m/s	SAJ40-2.0 m/s

Model	DTPM - 45 - 1500-36	DTPM - 65 - 1500-36
Payload capacity, max.	1500 kg	1500 kg
Traveling speed	36 m/min	36 m/min
Lifting height, max.	150 m	300 m
Motor control (VFD) Make Siemens/Schneider	Frequency control (18kW VFD)	Frequency control (18kW VFD)
No. of motors	2 x 7 kW	2 x 7 kW
Control system	Hold to run	Hold to run
Car size (W x L x H)	1.4 m x 2.5 m x 2.1 m	1.4 m x 2.5 m x 2.1 m
Power supply range	400 V, 50 Hz, 3 phase	400 V, 50 Hz, 3 phase
Type of mast (Seamless Tubular Steel)	450 x 450 x 1508mm	650 x 650 x 1508mm
Length mast section	1.508 m (4'-11 3/8")	1.508 m (4'-11 3/8")
Rack module	8	8
Safety device type	SAJ40	SAJ40

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THANK YOU