



EUROCHAIN **VX**[®]



Electric chain hoist
for load from 63 to 10,000 kg

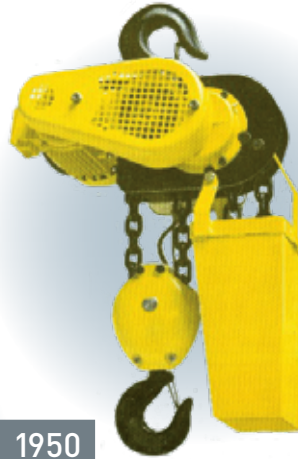
VERLINDE[™]
LIFTING EQUIPMENT

VERLINDE's Chain hoist historical family: a continuous improving technology !



1858

Premier Palan



1950

PEC



1974

Eurochain 2



1989

Eurochain VE



1997

Eurochain VL



2011

Eurochain VR

New electric chain hoist

EUROCHAIN

VX



THE NEXT STEP
CHAIN HOIST

2019

Here comes the new VERLINDE electric chain hoist for load from 63 to 10,000 kg. After two years re-designing our electric chain hoist technology and adapting our production accordingly, we are ready to present our updated hoists in the light lifting version.



EUROCHAIN VX[®]

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1

Modernized outlook

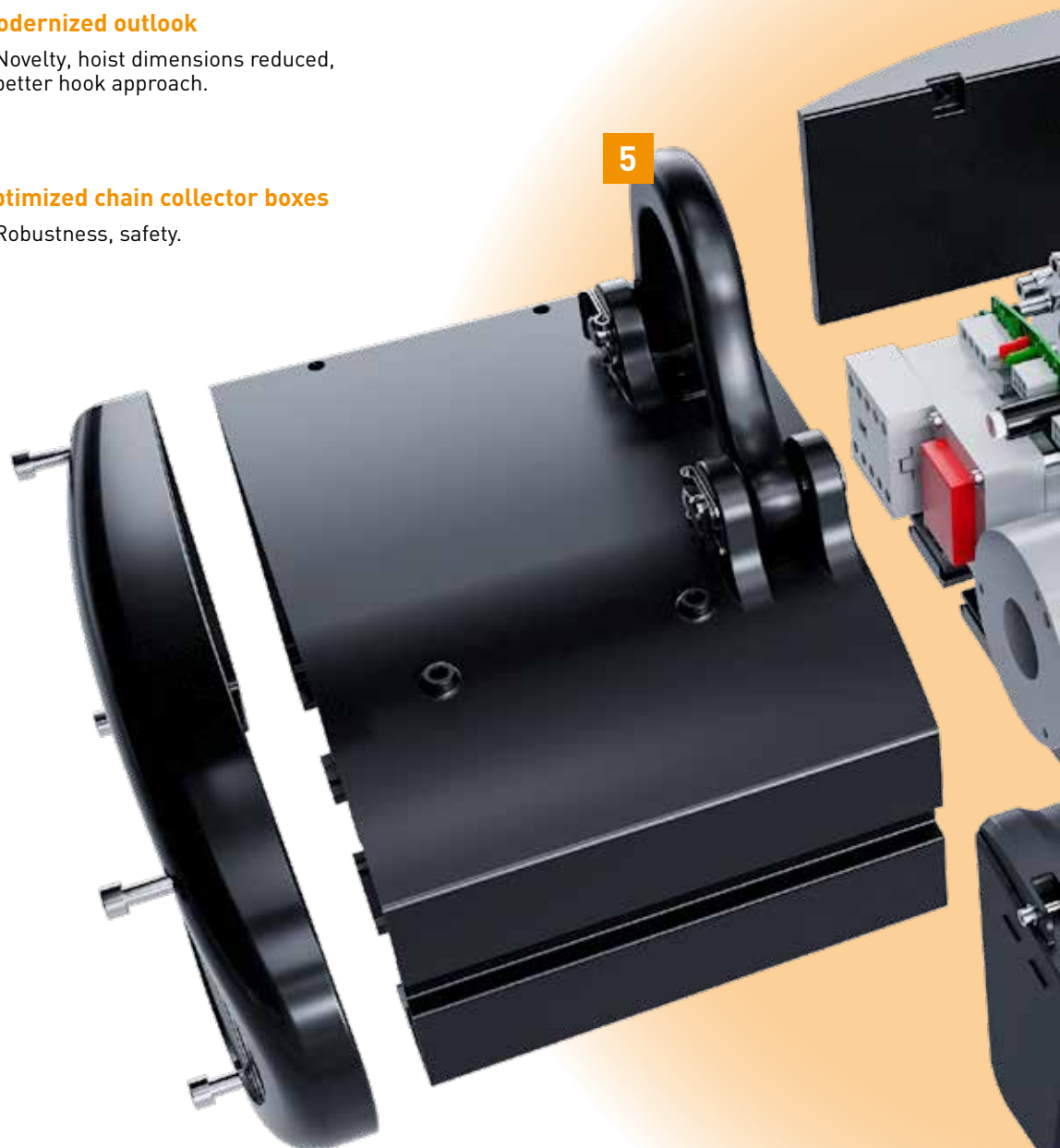
- Novelty, hoist dimensions reduced, better hook approach.

2

Optimized chain collector boxes

- Robustness, safety.

5



3

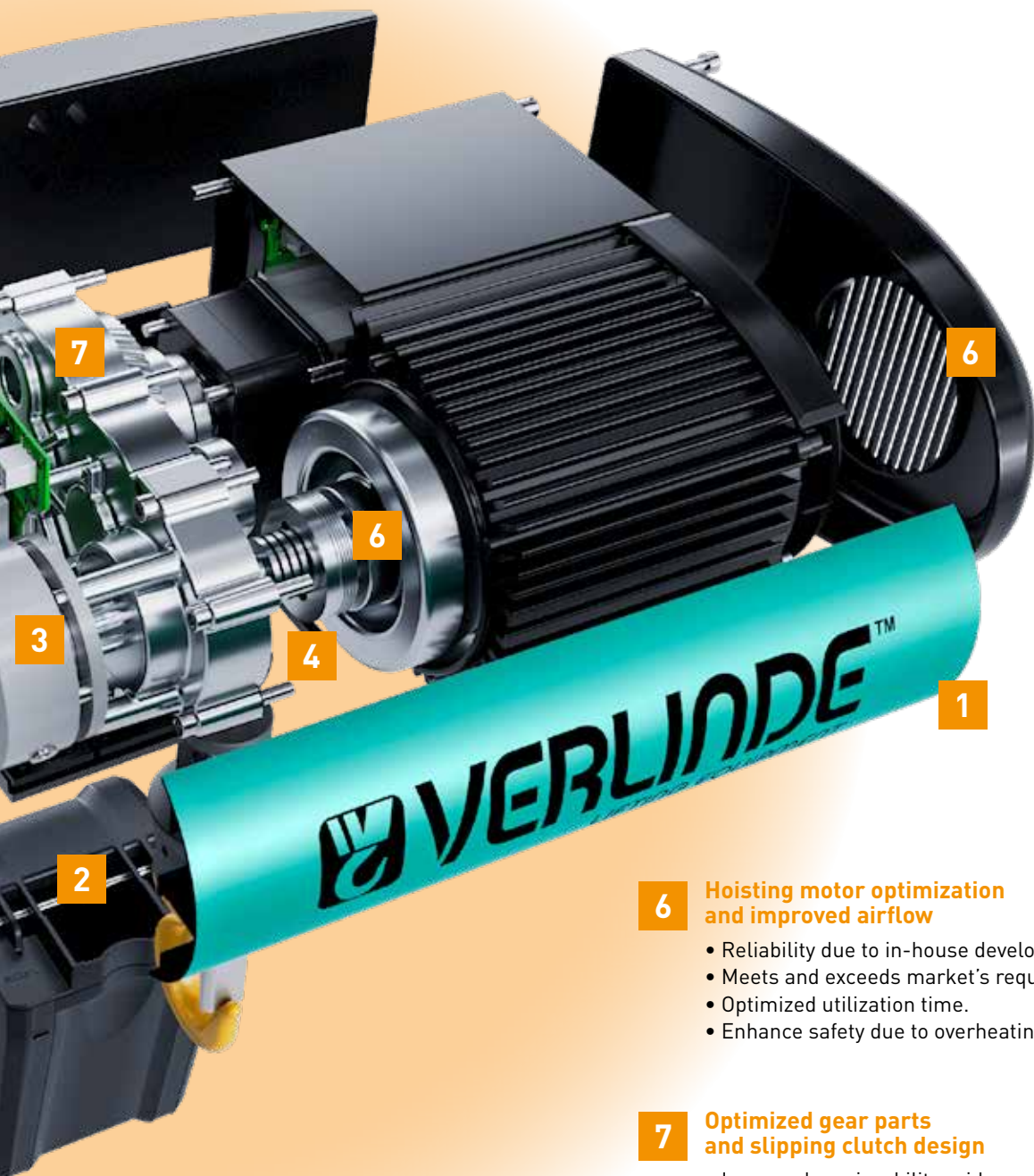
Optimized brakes

- Improved reliability and safety, no adjustments required, low maintenance.
- Proven technology.



- 4 Rotary encoder with Light barrier**
- Safety, hook positioning, monitoring, proven technology.

- 5 New bracket suspension**
- Easy installation, compatibility with existing trolleys.
 - Improved hook path due to reduced C-dimension.



- 6 Hoisting motor optimization and improved airflow**
- Reliability due to in-house development (COL).
 - Meets and exceeds market's requirement.
 - Optimized utilization time.
 - Enhance safety due to overheating preventive sensors.

- 7 Optimized gear parts and slipping clutch design**
- Improved serviceability, wide range of ratios to fit better customer applications to maximize productivity, more precise and durable clutch setting, easiness of clutch adjustment, protects people, hoist, crane and building structure from overloads.
 - Proven technology (COL).



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EUROCHAIN VX hoist range

Load (kg)	Hoist type	Group (ISO)	Lifting speed (m/min)	Reeving	Chain size
63	VX2 0608b3	M6	8/2	1	4,2 x 12,2
	VX2 0612b3	M6	12/3	1	4,2 x 12,2
	VX2 0616b3	M6	16/4	1	4,2 x 12,2
	VX2 0624b3	M6	24/6	1	4,2 x 12,2
125	VX2 1208b3	M6	8/2	1	4,2 x 12,2
	VX2 1212b3	M6	12/3	1	4,2 x 12,2
	VX2 1216b2	M5	16/4	1	4,2 x 12,2
160	VX2 1608b3	M6	8/2	1	4,2 x 12,2
	VX2 1612b3	M6	12/3	1	4,2 x 12,2
	VX2 1616b1	M4	16/4	1	4,2 x 12,2
250	VX2 2508b2	M5	8/2	1	4,2 x 12,2
	VX5 2512b1	M4	12/3	1	5,3 x 15,2
	VX5 2504b3	M6	4/1	1	5,3 x 15,2
	VX5 2508b3	M6	8/2	1	5,3 x 15,2
	VX5 2516b4	M7	16/4	1	5,3 x 15,2
300	VX5 3208b4	M7	8/2	1	5,3 x 15,2
500	VX2 5004b2	M5	4/1	2	4,2 x 12,2
	VX5 5004b2	M5	4/1	1	5,3 x 15,2
	VX5 5008b2	M5	8/2	1	5,3 x 15,2
	VX5 5012b1	M4	12/2	1	5,3 x 15,2
	VX10 5004b3*	M6	4/1	1	7,4 x 21,1
	VX10 5008b3*	M6	8/2	1	7,4 x 21,1
	VX10 5016b2*	M5	16/4	1	7,4 x 21,1
	VX10 5024b2*	M5	24/6	1	7,4 x 21,1
630	VX5 6304b2	M5	4/1	2	5,3 x 15,2
	VX10 6316b1*	M4	16/4	1	7,4 x 21,1
1000	VX5 1004b3	M6	4/1	2	5,3 x 15,2
	VX10 1004b2*	M5	4/1	1	7,4 x 21,1
	VX10 1006b2*	M5	6/1,5	1	7,4 x 21,1
	VX10 1008b2*	M5	8/2	1	7,4 x 21,1
1250	VX10 1204b1*	M4	4/1	1	7,4 x 21,1
	VX10 1208b1*	M4	8/2	1	7,4 x 21,1
	VX10 1204b3*	M6	4/1	2	7,4 x 21,1
	VX10 1206b4*	M7	6/1,5	2	7,4 x 21,1
1600	VX10 1604b2*	M5	4/1	2	7,4 x 21,1
	VX10 1606b3*	M6	6/1,5	2	7,4 x 21,1
2000	VX10 2004b2*	M5	4/1	2	7,4 x 21,1
	VX10 2006b2*	M5	6/1,5	2	7,4 x 21,1
2500	VX10 2504b1*	M4	4/1	2	7,4 x 21,1

From 2,500 to 10,000 kg consult us

*EUROCHAIN VX10 will be available second semester 2019.



Hoist dimensions

Hoist type	Dimensions (mm)			Weight w/o chain (kg)
	A	B	C	
EUROCHAIN VX2	389	245	142	22.5
EUROCHAIN VX5	438	301	156	30

Standard equipments

The electric chain hoist EUROCHAIN VX includes the following equipment as standard:

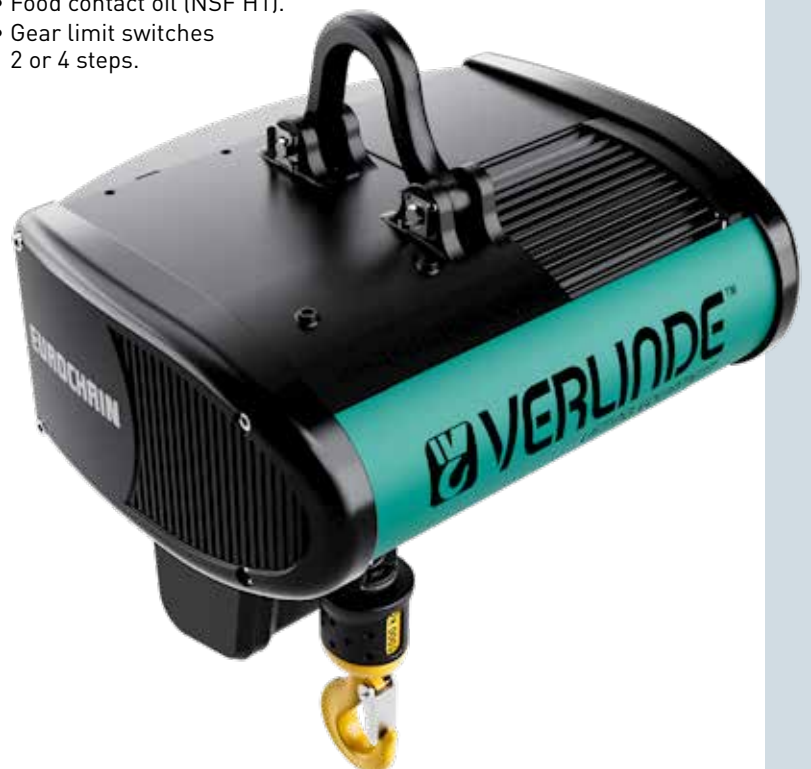
- Height of lift 3 m.
- 2 hoisting speeds.
- Safety limit switch for upper & lower position.
- IP55 hoisting & travelling motor protection.
- Load chain galvanized.
- Control cable 2,5 m.
- 2 buttons pendant for hook suspended hoist or manual trolley.
- 4 buttons pendant for hoist with electric trolley.
- Power supply 400V/3Ph/50Hz or 415V/3Ph 50 Hz or 460V/3Ph /60 Hz.
- Low voltage control 48 V.
- Torque limiter.
- Chain collector.
- Emergency stop button mushroom type.
- Paint 5 years guaranteed (RAL 7021).
- Variable travelling speed (for hoist with electric trolley)
- 2 years guaranteed.

Available versions

- Fixed hoist suspended by hook.
- Hoist on monorail push trolley.
- Hoist on monorail motorized trolley.

Options available

- Non standard power supply (ex. : 230 3ph).
- ACF board for direct control hoist.
- Hard wired control (48V).
- Stainless steel lifting chain and hook.
- Self locking hook.
- Time meter.
- Radio remote control.
- Pendant with 4 or 6 buttons.
- Key switch on pendant.
- Travel limit switches.
- Non standard length on power supply cable.
- Non standard power supply plug (4 or 5 poles).
- Rain cover.
- Brake manual release.
- Food contact oil (NSF H1).
- Gear limit switches 2 or 4 steps.



VERLINDE is:

- The leading French manufacturer and exporter of lifting and handling equipment.
- A comprehensive range of 30 groups of lifting equipment from 60 to 250,000 kg.
- ISO 9001 Quality control certified and ISO 14001 Environmental Management Systems.

In France:

A sales network and after sales service points, EUROPONT travelling crane construction plants and a distributor network.

Abroad:

A customer service in more than 92 countries.

References

Metallurgy, Mechanics, Nuclear

ArcelorMittal, Unimetal, Stein, NFM, Framatome, Alstom

Chemicals, Petrochemicals industry

Sanofi Aventis, Total, Du Pont De Nemours

Aeronautical industry

Aérospatiale, Airbus, Snecma, Eurocopter, Air France, Aéroport de Paris, Dassault Aviation



Agri-food industry

Nestlé, Danone, Bel, Palamatic, Tetrapak, Lactalis

Automobile industry

Renault, Peugeot, Citroën, Scania, Ford, RVI, Volkswagen, Michelin, Massey Ferguson, Manitou, Toyota Industrial Equipment

Other sectors

EDF, SNCF, RATP, Spie, Degremont, Eiffage, Polysius, Baudin Chateaufort

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