



# Manual product catalog

## Manual winches and hoists

 **VERLINDE**  
LIFTING EQUIPMENT

# VHR<sup>®</sup>

## Sparkproof hand chain block for loads from 500 to 20,000 kg

A compact, high-performance chain block with rugged good looks, tested according to official standards.

**VHR<sup>®</sup> HPR** 

Overhung with travel trolley  
CHDD type, low-headroom handwheel and chain operation  
Sparkproof version of hand chain block and trolley



Load	A	B	Øa1	a2	H4 min	Chain size	Num. of falls	Pulling force (kg)	Net weight (kg)
500 kg	148	132	35	23	345	5 x 15	1	35	11
1,000 kg	172	151	40	27	376	6 x 18	1	25	12,5
1,500 kg	196	173	45	33	442	7,1 x 21	1	35	17,8
2,000 kg	210	175	50	35	470	8 x 24	1	35	19,5
3,000 kg	255	205	55	39	548	10 x 28	1	40	35
5,000 kg	280	189	65	45	688	9 x 27	2	36	41,3
7,500 kg	433	189	47	67	688	9 x 27	3	38	62
10,000 kg	463	189	75	57	765	9 x 27	4	38	78,5
12,500 kg	430	220	75	54	835	9 x 27	5	38,4	110
16,000 kg	718	200	95	71	900	9 x 27	6	38,7	135
20,000 kg	840	200	106	85	950	9 x 27	8	38,7	192

► Technical characteristics

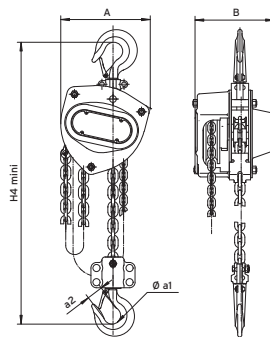
Specification identical to those for the standard version of the VHR except for the following features :

- > ATEX Marking : Ex II 2GD c IIC T4 T+135 °C.
- > Suitable for Zones 1&2 and 21 and 22 hazardous areas.
- > Overload limiter is standard equipment.
- > Stainless steel 316L hand chain.
- > Bronze coated hooks.
- > High-resistance RAL 9006 aluminum-type powder coating, 70 µ thick.
- > ISO hooks with safety latch.
- > Delivered with CE certificate, and hook and chain certificate.

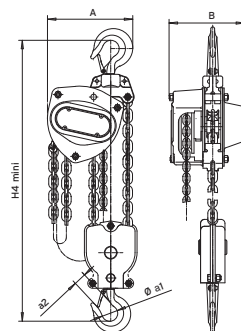
► Options

A wide range of options is available for this hand chain block :

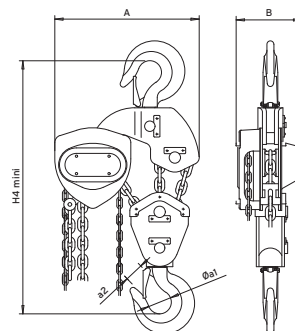
- > VHR with stainless steel load chain.
- > Chain bag.
- > VHR Ex-ATEX HPN with normal headroom.
- > VHR Ex-ATEX HPR with short headroom trolley.



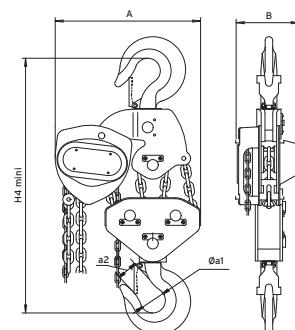
VHR 1-fall



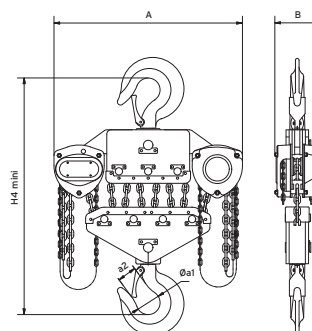
VHR 2-fall



VHR 3-fall



VHR 4-fall



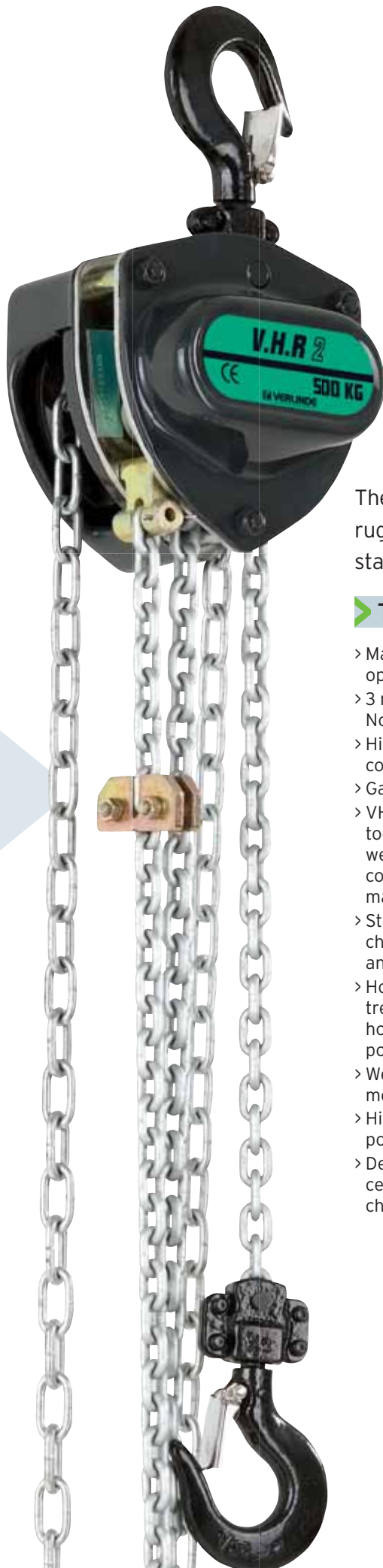
VHR 5, 6 and 8-fall

The VERLINDE Technologies Catalogue with our explosion-proof range is also available



# VHR®

## Hand chain hoist for loads of 250 to 5,000 kg



The VHR is a compact, high-performance hand chain block with rugged good looks, tested according to official applicable standards.

### ► Technical characteristics

- > Machined chain sprocket and gears provide smoother, more efficient operation.
- > 3 meters standard lift. Hand chain is 0.5 meters less than lift chain. Non-standard lifts available.
- > High strength grade 80 alloy steel load chain with galvanized finish for corrosion resistance (comply with EN 818, safety factor 4).
- > Galvanized hand chain made in Europe.
- > VHR's compact design offers safety together with reduced weight. Ideal for construction and maintenance applications.
- > Steel casing solidly protects chain sprocket, gearcase and handwheel cover.
- > Hooks are alloy steel, heat treated and equipped with hook latches and inspection points.
- > Weston type load brake mechanism.
- > High-resistance RAL 7021 powder coating, 70 µ thick.
- > Delivered with CE certificate, and hook and chain certificate.



### VHR® HPR

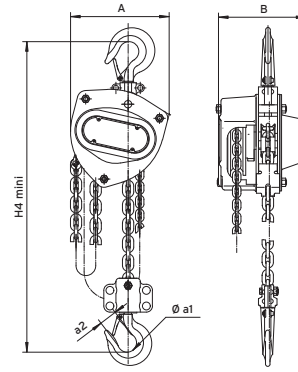
Short headroom trolley operated  
by hand wheel and chain type  
CHDD HPR

> Options

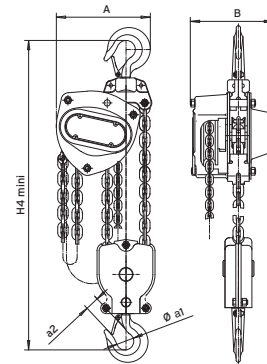
A wide range of options is available for this hand chain block :

- > VHR is stainless steel lift chain and hand chain.
- > Chain bag.
- > VHR with normal overherad trolley (HPN).
- > VHR with short headroom trolley (HPR).
- > Ex-Atex version VHR.
- > VHR Ex with short headroom trolley.
- > VHR with normal headroom trolley.

Load	A	B	Øa1	a2	H4 min	Chain size	Num. of falls	Pulling force (kg)	Net weight (kg)
250 kg	121	114	31	21	280	4 x 12	1	25	6,2
500 kg	148	132	35	23	345	5 x 15	1	35	11
1,000 kg	172	151	40	27	376	6 x 18	1	25	12,5
1,500 kg	196	173	45	33	442	7,1 x 21	1	35	17,8
2,000 kg	210	175	50	35	470	8 x 24	1	35	19,5
3,000 kg	255	205	55	39	548	10 x 28	1	40	35
5,000 kg	280	189	65	45	688	9 x 27	2	36	41,3



VHR 1-fall



VHR 2-fall



**VHR**<sup>®</sup>  
Overhead travel trolley  
CHD type



## 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.



## Our references

**Metallurgical, Mechanical, Nuclear industries** → ArcelorMittal - Unimetal - Stein - NFM - Framatome - Alstom

**Chemical and Petrochemical industries** → Sanofi Aventis - Du Pont De Nemours - Total

**Aeronautics industry** → Aérospatiale - Airbus - Eurocopter - Air France - Aéroport de Paris - Snecma - Dassault Aviation

**Agri-food industry** → Nestlé - Danone - Bel

**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



### In France :

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

### Rest of world :

A customer service in more than 55 countries.



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