

# Industrial Products



**HOIST UK**

Safety Above All

# Hoist UK

HOIST UK was established in 2006 and is wholly owned and run by Tony Dickson and Paul Jordan. We are based on The Wirral Peninsular which is ideally located in the heart of the motorway network, centrally located in the mainland with direct routes to Scotland, Wales and the rest of England and just a short ferry crossing to Northern and Southern Ireland. Our fully equipped and modern facilities along with our years of experience within the lifting equipment fraternity have helped us to quickly establish ourselves as one of the leading independent lifting equipment supply and service companies in the UK.

HOIST UK offers an extensive range of lifting equipment and is a UK Distributor for the complete range of Verlinde industrial lifting equipment. We have complemented our Verlinde product range with other items of lifting and manual handling equipment and accompany these with a full range of loose tackle and safety equipment, all of which have been chosen to offer the client high quality equipment at an affordable cost.

HOIST UK pride ourselves with being able to offer technically correct products and services that exactly meet the requirements of the job. If standard products are not available for your particular application, we can engineer a solution to resolve your requirements.

HOIST UK boast a wealth of experience based upon formal training and practical site work. We are experienced in working within the following fields; *industrial building sites, industrial factories, petrochemical industry, aeronautical industry, hire industry* and the *theatre* and the *event touring industry*. With full practical experience in supplying, installing and servicing for both the trade and end user clientele. The relationships we have with our main clients and suppliers span over 15 years and our experience is the most valuable commodity that we have on offer.

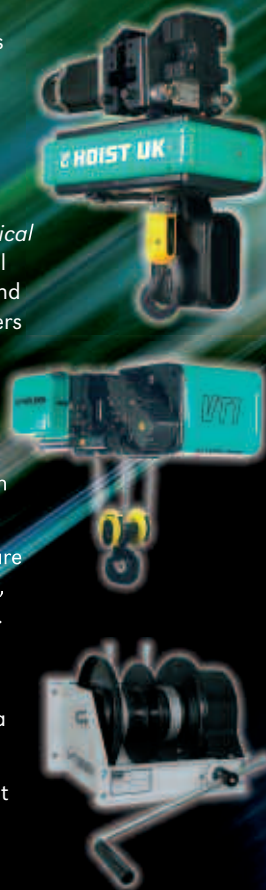
Our company motto of **"Safety above all"** says it all. We are committed to supplying a high standard of products and design services. Lifting safety is one of our main concerns when specifying any sort of lifting equipment from a shackle to full travelling crane system or stage automation.

We believe that the Verlinde range of products are the most suitable as they are designed and manufactured in Europe. The spare parts are reasonably priced, readily available and the engineering design/testing prior to sale is incredible. All the products that we represent are of the highest quality and value for money.

HOIST UK can also provide full design and structural analysis packages with a full technical back up. We will always offer equipment that is fit for purpose.

We can be as involved to suit your exact needs, from operating as a consultant to full assistance in delivering a complete industrial lifting and handling system, including a design and build service.

All we ask is that you give us the opportunity to quote for your requirements.



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# Electric Chain Hoist

HOIST UK offers the Eurochain VL chain hoist for all your small and medium capacity requirements which is perfectly suited to match all industrial environments.

The Eurochain VL has been designed to ensure maximum safety for the user and incorporates emergency stop circuit, electrical upper and lower limit switches, torque limiting device with compact disc brake as standard and fully complies with the EC machinery directive 98/37/CEE.

With load capacities from 60kg to 10,000kg, two hoisting speeds, variable speed electric powered or manual travel trolley, low voltage control and FEM rating from 1Bm – 2m.

There is a VL chain hoist to meet most requirements.

## **The Eurochain VL electric chain hoist standard specification:-**

- Two hoisting speeds
- Electric upper and lower limit switches
- IP55 hoisting and travelling motor protection
- Galvanised load chain
- Two button pendant with Emergency stop button for hook suspended hoist or manual trolley
- Four button pendant with Emergency stop button for hoists with electric trolley
- Power supply 400V/3ph/50Hz or 415V/3ph/50Hz or 460V/3ph/50Hz
- Low voltage control 48V
- Torque limiter
- Chain collector
- Five year paint guarantee – RAL7021
- Variable travelling speed (for hoists with electric trolley)
- Two year guarantee



# Electric Chain Hoist

S.W.L. (kg)	HOIST type	F.E.M.	Lifting speeds (m/min)	Number of falls	Hoisting motor power (kW)	Fix hook susp. unit	Monorail trolley unit					Chain 800 N/mm <sup>2</sup>
							Manual push trolley	Travelling chain trolley	Motorised One Speed	Travelling Two Speed	Variable Speed	
60	VL1 0616 b1	1Bm	16 / 4	1	0.2/0.05	•	•	•	•	•	-	3.1 x 9.3
	VL1 068 b2	2m	8/2	1	0.2/0.05	•	•	•	•	•	-	3.1 x 9.3
80	VL1 088 b2	2m	8 / 2	1	0.2/0.05	•	•	•	•	•	-	3.1 x 9.3
	VL1 128 b1	1Bm	8 / 2	1	0.2/0.05	•	•	•	•	•	-	3.1 x 9.3
125	VL1 124 b2	2m	4 / 1	2	0.2/0.05	•	•	•	•	•	-	3.1 x 9.3
	VL2 124 m2	2m	4	1	0.4	•	•	•	•	•	•	4.8 x 12.7
	VL2 128 m2	2m	8	1	0.4	•	•	•	•	•	•	4.8 x 12.7
	VL2 128 b2	2m	8 / 2	1	0.4/0.1	•	•	•	•	•	•	4.8 x 12.7
	VL2 1216 b2	2m	16 / 4	1	0.8/0.2	•	•	•	•	•	•	4.8 x 12.7
	VL2 124 b1	1Bm	4 / 1	2	0.2/0.05	•	•	•	•	•	•	3 x 9
250	VL2 254 m1	1Bm	4	1	0.4	•	•	•	•	•	•	4.8 x 12.7
	VL2 258 m1	1Bm	8	1	0.4	•	•	•	•	•	•	4.8 x 12.7
	VL2 258 b1	1Bm	8 / 2	1	0.4/0.1	•	•	•	•	•	•	4.8 x 12.7
	VL5 2516 b1	1Bm	16 / 4	1	0.8/0.2	•	•	•	•	•	•	4.8 x 12.7
	VL5 254 b2	2m	4 / 1	2	0.4/0.1	•	•	•	•	•	•	4.8 x 12.7
	VL5 254 m2	2m	4	1	0.4	•	•	•	•	•	•	4.8 x 12.7
	VL5 258 m2	2m	8	1	0.8	•	•	•	•	•	•	4.8 x 12.7
	VL5 258 b2	2m	8 / 2	1	0.8/0.2	•	•	•	•	•	•	4.8 x 12.7
500	VL2 504 m1	1Bm	4	2	0.4	•	•	•	•	•	•	4.8 x 12.7
	VL5 504 m1	1Bm	4	1	0.4	•	•	•	•	•	•	4.8 x 12.7
	VL2 504 b1	1Bm	4 / 1	2	0.4/0.1	•	•	•	•	•	•	4.8 x 12.7
	VL5 508 m1	1Bm	8	1	0.8	•	•	•	•	•	•	4.8 x 12.7
	VL5 508 b1	1Bm	8 / 2	1	0.8/0.2	•	•	•	•	•	•	4.8 x 12.7
	VL10 5016 b1	1Bm	16 / 4	1	1.7/0.4	•	•	•	•	•	•	6.8 x 17.8
	VL5 502 m2	2m	2	2	0.4	•	•	•	•	•	•	4.8 x 12.7
	VL5 504 m2	2m	4	2	0.8	•	•	•	•	•	•	4.8 x 12.7
	VL5 504 b2	2m	4 / 1	2	0.8/0.2	•	•	•	•	•	•	4.8 x 12.7
	VL10 504 m2	2m	4	1	0.8	•	•	•	•	•	•	6.8 x 17.8
	VL10 508 m2	2m	8	1	1.7/0.4	•	•	•	•	•	•	6.8 x 17.8
VL10 508 b2	2m	8 / 2	1	1.7/0.4	•	•	•	•	•	•	6.8 x 17.8	
1000	VL5 1002 m1	1Bm	2	2	0.8	•	•	•	•	•	•	4.8 x 12.7
	VL5 1004 m1	1Bm	4	2	0.8	•	•	•	•	•	•	4.8 x 12.7
	VL5 1004 b1	1Bm	4 / 1	2	0.8/0.2	•	•	•	•	•	•	4.8 x 12.7
	VL10 1004 m1	1Bm	4	1	0.8	•	•	•	•	•	•	6.8 x 17.8
	VL10 1008 m1	1Bm	8	1	1.7	•	•	•	•	•	•	6.8 x 17.8
	VL10 1004 m2	2m	4	2	1.7	•	•	•	•	•	•	6.8 x 17.8
	VL10 1008 b1	1Bm	8 / 2	1	1.7/0.4	•	•	•	•	•	•	6.8 x 17.8
	VL10 1004 b2	2m	4 / 1	2	1.7/0.4	•	•	•	•	•	•	6.8 x 17.8
	VL16 1008 b 2	2m	8 / 2	1	3.5/0.9	•	•	•	-	-	•	9 x 27
1600	VL10 1602 m1	1Bm	2	2	0.8	•	•	•	•	•	•	6.8 x 17.8
	VL10 1604 m1	1Bm	4	2	1.7	•	•	•	•	•	•	6.8 x 17.8
	VL10 1604 b1	1Bm	4 / 1	2	1.7/0.4	•	•	•	•	•	•	6.8 x 17.8
	VL16 1608 b1	1Bm	8 / 2	1	3.5/0.9	•	•	•	-	-	•	9 x 27
	VL25 1606 b2	2m	6.3 / 1.6	1	3.5/0.9	•	•	•	-	-	•	11.3 x 31

S.W.L. (kg)	HOIST type	F.E.M.	Lifting speeds (m/mn)	Number of falls	Hoisting motor power (kW)	Fix hook susp. unit	Monorail trolley unit				Chain 800 N/mm <sup>2</sup>
							Manual push trolley	Travelling chain trolley	Motorised One Speed	Travelling Two Speed	
2000	VL10 2002 m1	1Bm	2	2	0.8	•	•	•	•	•	6.8 x 17.8
	VL10 2004 m1	1Bm	4	2	1.7	•	•	•	•	•	6.8 x 17.8
	VL10 2004 b1	1Bm	4/1	2	1.7/0.4	•	•	•	•	•	6.8 x 17.8
	VL16 2004 b2	2m	4/1	2	3.5/0.9	•	•	•	-	•	9 x 27
	VL20 2008 b1	1Bm	8/2	1	3.5/0.9	•	•	•	-	•	11.3 x 31
2500	VL16 2504 b1	1Bm	4/1	2	3.5/0.9	•	•	•	-	•	9 x 27
	VL20 2504 b2	2m	4/1	2	3.5/0.9	•	•	•	-	•	11.3 x 31
	VL25 2506 b1	1Bm	6.3/1.6	1	3.5/0.9	•	•	•	-	•	11.3 x 31
3200	VL16 3204 b1	1Bm	4/1	2	2.5/0.64	•	•	•	-	•	9 x 27
	VL25 3203 b2	2m	3.2/0.75	2	3.5/0.9	•	•	•	-	•	11.3 x 31
4000	VL20 4004 b1	1Bm	4/1	2	3.5/0.9	•	•	•	-	•	11.3 x 31
	VL20 4002 b1	2m	2.7/0.7	3	3.5/0.9	•	•	•	-	•	11.3 x 31
5000	VL25 5003 b1	1Bm	3.2/0.75	2	3.5/0.9	•	•	•	-	•	11.3 x 31
	VL25 5002 b2	2m	2.1/0.5	3	3.5/0.9	•	•	•	-	•	11.3 x 31
6300	VL20 6302 b1	1Bm	2.7/0.7	3	3.5/0.9	•	•	•	-	•	11.3 x 31
7500	VL25 7502 b1	1Bm	2.1/0.5	3	3.5/0.9	•	•	•	-	•	11.3 x 31

### Optional additions to the standard specification:-

- Variable hoisting speed
- Electrical travel limit switches
- Two speed electric travel
- Additional buttons on control pendant
- Low headroom trolleys
- Radio remote control
- Warning horn/light
- Thermal protection
- Strengthened protection
- Tropicalised protection
- Stainless Steel chain
- Electric chain hoist with hand controller on lifting hook
- Double brake



# Economy Wire Hoist

HOIST UK offers the Eurobloc VTs as an entry level Economy Electric Wire Rope Hoist. Specifically designed for applications whereby the use of a wire rope hoist is preferred over an electric chain hoist.

Our economy range fits well into the price differences between an electric chain hoist and wire rope hoist and offers a compact unit with load capacities of 1000kg or 2000kg, heights of lift limited to between 6.0m - 12.0m, two speed hoisting and travelling speeds, and an FEM rating of 2m.

The VTs wire rope hoist will perfectly fill the gap between a chain hoist and a more expensive electric wire rope hoist.

## **The Eurobloc VTs electric wire rope hoist standard specification:-**

- Two speed hoisting motor
- Maintenance free disc brake
- Electrical upper and lower limit switches
- Thermal protection on lifting motor
- Overload protection
- Two speed travelling motor
- Low voltage control 48V
- Power supply 400V/3ph/50Hz or 415V/3ph/50Hz or 460V/3ph/50Hz
- Motor protection IP55 / insulation class F
- Push button pendant with Emergency stop button
- Hook with safety latch
- Rubber buffers
- Test certificate
- Hook certificate
- Wire rope certificate
- Hoist owner's manual according to EEC regulations
- Set of electrical diagrams
- EC Certificate of Conformity
- One year guarantee.



# Electric Wire Rope Hoist

HOIST UK offer the Eurobloc VT Electric Wire Rope Hoist as a versatile, high quality, safe and economical hoisting unit which benefits from good hook approaches and has a small lateral shift of the hook block during lifting, giving you virtually vertical lifting.

Variable speed travel trolley allows you to adjust the speed whilst travelling to give the operator a high level of control. With load capacities from 800kg – 80,000kg, two hoisting speeds, low voltage control and FEM rating from 1Bm – 3m.

The VT wire rope hoist will meet the majority of your hoisting requirements.

## **The Eurobloc VT electric wire rope hoist standard specification:–**

- Two speed pole-change hoisting motors (1:6) with bimetal sensor
- Maintenance free disc brake
- Four position geared electric limit switches
- Electro-mechanical overload protection
- Variable speed travel motors: 2 to 20 m /min (for hoist with trolley – Inverter with MS mode)
- Low voltage control 48V
- Power supply 400V/3ph/50Hz or 415V/3ph/50Hz or 460V/3ph/50Hz
- Motor protection IP55 / insulation class F
- Push button pendant with Emergency stop button
- Hook with safety latch
- Tropicalised motor for hoisting and travelling
- Rope guide for use in an aggressive environment
- Time meter
- Rubber buffers (for hoist with trolley)
- Test certificate
- Hook certificate
- Wire rope certificate
- Hoist owner's manual according to EEC regulations
- Set of electrical diagrams
- EC Certificate of Conformity
- One year guarantee.

**Fixed / Normal Headroom Trolley / Low Headroom Trolley / Double Girder (crab) mounting configurations available**



HOIST Type	Load (FEM/kg)			H.O.L. (m)	Lifting speeds (m/min.)	TROLLEYS				
	1Am	2m	3m			Fixed	Monorail HPR   HPN	Double girder trolley High   Med.   Low		
VT10211-N P1		1 000	800	12	10 / 1.6	•	•	•	•	•
VT10211-N P2		1 600	1 250	12 / 19	10 / 1.6	•	•	•	•	•
VT10211-R P2		1 600	1 250	12 / 19	12.5 / 2	•	•	•	•	•
VT10411-N P1		2 000	1 600	6 / 9.5	5 / 0.8	•	•	•	•	•
VT10411-N P2		3 200	2 500	6 / 9.5	5 / 0.8	•	•	•	•	•
VT10411-R P2		3 200	2 500	6 / 9.5	6.3 / 1	•	•	•	•	•
VT20211-N P3		2 500	2 000	12 / 18 / 24 / 30*	10 / 1.6	•	•	•	•	•
VT20211-R P4		2 500	2 000	12 / 18 / 24 / 30*	16 / 2.6	•	•	•	•	•
VT20211-L P3	3 200			12 / 18 / 24 / 30*	8 / 1.3	•	•	•	•	•
VT20411-N P3		5 000	4 000	6 / 9 / 12 / 15*	5 / 0.8	•	•	•	•	•
VT20411-R P4		5 000	4 000	6 / 9 / 12 / 15*	8 / 1.3	•	•	•	•	•
VT20411-L P3	6 300			6 / 9 / 12 / 15*	4 / 0.7	•	•	•	•	•
VT20611-N P3		7 500		6 / 8 / 10	3.2 / 0.5	•	•	•	•	•
VT20611-R P4		7 500		6 / 8 / 10	5 / 0.8	•	•	•	•	•
VT20811-N P3	10 000	8 000		4.5 / 6 / 7.5	2.5 / 0.4	•	•	•	•	•
VT20811-R P4	10 000	8 000		4.5 / 6 / 7.5	4 / 0.7	•	•	•	•	•
VT30211-N P5		5 000	4 000	18 / 24 / 32 / 40*	10 / 1.6	•	•	•	•	•
VT30211-R P6		5 000	4 000	18 / 24 / 32 / 40*	16 / 2.6	•	•	•	•	•
VT30211-L P5	6 300			18 / 24 / 32 / 40*	8 / 1.3	•	•	•	•	•
VT30411-N P5		10 000	8 000	9 / 12 / 16 / 20*	5 / 0.8	•	•	•	•	•
VT30411-R P6		10 000	8 000	9 / 12 / 16 / 20*	8 / 1.3	•	•	•	•	•
VT30411-L P5	12 500			9 - 12 - 16 / 20*	4 / 0.7	•	•	•	•	•
VT30611-N P5		15 000		4.5 / 6 / 8 / 10	3.2 / 0.5	•	•	•	•	•
VT30611-R P6		15 000		4.5 / 6 / 8 / 10	5 / 0.8	•	•	•	•	•
VT30811-N P5	20 000	16 000		4.5 / 6 / 8 / 10	2.5 / 0.4	•	•	•	•	•
VT30811-R P6	20 000	16 000		4.5 / 6 / 8 / 10	4 / 0.7	•	•	•	•	•
VT30421-N P5		5 000	4 000	10 / 14 / 19 / 26 / 35 / 47	10 / 1.6	•	•	•	•	•
VT30421-R P6		5 000	4 000	10 / 14 / 19 / 26 / 35 / 47	16 / 2.6	•	•	•	•	•
VT30821-N P5		10 000	8 000	5 / 7 / 9.5 / 13 / 17.5 / 23.5	5 / 0.8	•	•	•	•	•
VT30821-R P6		10 000	8 000	5 / 7 / 9.5 / 13 / 17.5 / 23.5	8 / 1.3	•	•	•	•	•
VT31221-N P5		15 000	12 000	4.5 / 6.5 / 8.5 / 11.5 / 15.5	3.2 / 0.5	•	•	•	•	•
VT31221-R P6		15 000	12 000	4.5 / 6.5 / 8.5 / 11.5 / 15.5	5 / 0.8	•	•	•	•	•
VT31621-N P5	20 000	16 000		4.5 / 6.5 / 8.5 / 11.5	2.5 / 0.4	•	•	•	•	•
VT31621-R P6	20 000	16 000		4.5 / 6.5 / 8.5 / 11.5	4 / 0.7	•	•	•	•	•
VT40211-L P6	10 000	8 000	6 300	16.4 / 22 / 28.6 / 37	8 / 1.3	•	•	•	•	•
VT40211-N P6		8 000	6 300	16.4 / 22 / 28.6 / 37	10 / 1.6	•	•	•	•	•
VT40211-N P7	10 000			16.4 / 22 / 28.6 / 37	10 / 1.6	•	•	•	•	•
VT40211-R P7		8 000	6 300	16.4 / 22 / 28.6 / 37	12.5 / 2	•	•	•	•	•
VT40411-L P6	20 000	16 000	12 500	8.2 / 11 / 14.3 / 18.5 / 23.8	4 / 0.6	•	•	•	•	•
VT40411-N P6		16 000	12 500	8.2 / 11 / 14.3 / 18.5 / 23.8	5 / 0.8	•	•	•	•	•
VT40411-N P7	20 000			8.2 / 11 / 14.3 / 18.5 / 23.8	5 / 0.8	•	•	•	•	•
VT40411-R P7		16 000	12 500	8.2 / 11 / 14.3 / 18.5 / 23.8	6.3 / 1	•	•	•	•	•
VT40611-L P6	30 000	25 000		5.5 / 7.3 / 9.5 / 12.3 / 15.9	2.5 / 0.4	•	•	•	•	•
VT40611-N P6		25 000		5.5 / 7.3 / 9.5 / 12.3 / 15.9	3.2 / 0.5	•	•	•	•	•
VT40611-N P7	30 000			5.5 / 7.3 / 9.5 / 12.3 / 15.9	3.2 / 0.5	•	•	•	•	•
VT40611-R P7		25 000		5.5 / 7.3 / 9.5 / 12.3 / 15.9	4 / 0.6	•	•	•	•	•

\* Not available in HPR

HOIST Type	Load (FEM/kg)			H.O.L. (m)	Lifting speeds (m/min.)	Fixed	TROLLEYS				
	1Am	2m	3m				Monorail HPR	HPN	Double girder trolley High	Med.	Low
VT40811-L P6	40 000			5.8 / 7.2 / 9.3 / 11.9	2 / 0.3	•				•	
VT40811-N P7	40 000			5.8 / 7.2 / 9.3 / 11.9	2.5 / 0.4	•				•	
VT41011-N P7		1Bm / 50 000		5.8 / 7.2 / 9.3 / 11.9	2 / 0.3	•				•	
VT40421-L P6	10 000	8 000	6 300	20 / 25.7 / 33	8 / 1.3	•				•	
VT40421-N P6		8 000	6 300	20 / 25.7 / 33	10 / 1.6	•				•	
VT40421-N P7	10 000			20 / 25.7 / 33	10 / 1.6	•				•	
VT40421-R P7		8 000	6 300	20 / 25.7 / 33	12.5 / 2	•				•	
VT40821-L P6	20 000	16 000	12 500	10 / 12.8 / 16.5 / 21.2 / 27.9 / 33.7	4 / 0.6	•				•	
VT40821-N P6		16 000	12 500	10 / 12.8 / 16.5 / 21.2 / 27.9 / 33.7	5 / 0.8	•				•	
VT40821-N P7	20 000			10 / 12.8 / 16.5 / 21.2 / 27.9 / 33.7	5 / 0.8	•				•	
VT40821-R P7		16 000	12 500	10 / 12.8 / 16.5 / 21.2 / 27.9 / 33.7	6.3 / 1	•				•	
VT41221-L P6	30 000	25 000		6.6 / 8.5 - 11 / 14.1 / 18.6 / 22.4	2.5 / 0.4	•				•	
VT41221-N P6		25 000		6.6 / 8.5 - 11 / 14.1 / 18.6 / 22.4	3.2 / 0.5	•				•	
VT41221-N P7	30 000			6.6 / 8.5 - 11 / 14.1 / 18.6 / 22.4	3.2 / 0.5	•				•	
VT41221-R P7		25 000		6.6 / 8.5 - 11 / 14.1 / 18.6 / 22.4	4 / 0.6	•				•	
VT41621-L P6	40 000			6.4 / 8.2 / 10.6 / 13.9 / 16.8	2 / 0.3	•				•	
VT41621-N P7	40 000			6.4 / 8.2 / 10.6 / 13.9 / 16.8	2.5 / 0.4	•				•	
VT42021-N P7		1Bm / 50 000		6.6 / 8.5 / 11.1	2 / 0.3	•				•	
VT50421-	20 000	16 000	12 500	4.5 / 6.7 / 10.1 / 13.5	**	•				•	
VT50821-	40 000	32 000	25 000	6.2 / 8.2 / 10.9 / 14.4	**	•				•	
VT51221-	60 000	50 000		5.9 / 7.7 / 10 / 13.2	**	•				•	
VT51621-	80 000			5.8 / 7.5 / 9.9 / 12	**	•				•	
VT52021-		1Bm / 100 000		6 / 7.9 / 9.6 / 11.5	**	•				•	

### Optional additions to the standard specification:-

- Load sensing
- Load readout on the pendant / hoist
- True vertical lift
- Condition monitoring (MT2)
- Maintenance platforms
- Outdoor and hazardous environment preparation and complete special / custom hoisting unit manufacture.

Our range of wire rope hoists can also be fitted with articulating travel trolleys, so that the unit can travel on curved runway beams.



# Electric Belt Hoists

HOIST UK offers the Eurobloc BH Belt Hoist which has been specifically designed for use in hygienic applications or other applications where the use of a lubricated chain or wire rope is not permitted or not beneficial to the lifting operation.

The Belt Hoist benefits from a very low headroom and true vertical lift as standard, with load capacity of 500kg – 5,000kg and lifting heights from 4.5m – 9.0m and an FEM rating of 1Bm – 2m.

The BH belt hoist is perfect for all clean room operations.

Mounting Configuration:

Fixed / Push Travel Trolley / Low Headroom Trolley (motorised)

## The Eurobloc BH Belt Hoist standard specification:-

- Power supply 415 V / 3ph / 50 Hz
- Trolley with stepless speeds 5 to 20 m/min (MS mode)
- Overload limiter (110% of max. load)
- Motor protection IP 55, insulation class F
- Upper and lower limit switch
- Low voltage 48 V contactor control
- Thermal protection
- Two lifting speeds as standard
- Electrically isolated hook block
- Push button box
- One year guarantee.



# Electric Winches

HOIST UK offer a full range of single and three phase multi purpose pulling and lifting winches for loads ranging from 125kg to 7,500kg. Most winches are available in single and multiple line configurations and can be supplied with three standard levels of electrical connection:-

**Level A** – without connection, with brake rectifier

**Level B** – With push button pendant c/w Emergency stop and 48V low voltage control

**Level C** – with external electric panel c/w Emergency stop and 48V low voltage control

**Winches can be fitted with optional extras such as:-**

- Electric limit switches
- Rope pressure roller
- Grooved drum
- Manual brake release mechanism
- Single or dual speed
- Thermal protection
- Special drum lengths
- Radio remote control



## Manual Winches

HOIST UK offer a full range of spur gear and worm gear Manual Winches for loads ranging from 150kg – 5,000kg, suitable for wall mounting with smooth and safe operation with integral brake and demountable crank handle. All winches have a rugged hard wearing design and have plated mechanical parts.

Most winches are available in single line and multiple line configurations and some winches can be supplied with grooved drum and detachable clutch. A selection of models are available in *stainless steel* or *zinc plated* finish and BGV C1 (German safety standard for lifting loads above people) is also available in limited versions.



# Manual Lifting Equipment

HOIST UK can supply a wide range of manual lifting equipment for loads ranging from 250kg – 20,000kg.

Our Hand Chain Blocks range from 250kg – 20,000kg (500kg – 10,000kg available with mechanical overload device) with a standard height of lift of 3m, additional height of lift are available as required.

Load chain is calibrated to EN818 and corrosion proof, hand chain is galvanised. All hooks are ISO certified and come with spring loaded safety catches.

Our Ratchet Lever Hoists range from 250kg – 6,000kg with a standard height of lift of 1.5m and are to a compact and robust design making them light and easy to handle. Low operating effort and low overall height make our RLH suitable for all standard applications.

Also available are our Hand Lever Winches which range from 800kg – 3,200kg (lifting) or 5,200kg (pulling) which are suitable for lifting and pulling loads over long distances.

Selection of adjustable Beam Clamps ranging from 1,000kg – 5,000kg.



# Beam Trolleys (Standard / Articulated)

HOIST UK can offer a wide range of manual and electric trolleys for use with any type of lifting equipment fitted with a suspension hook.

Our Manual Trolleys can be supplied as either push travel or chain travel and range from 250kg – 10,000kg with adjustable side plates.

Our Electric Trolleys are variable speed (5-20m/min) with adjustable side plates suitable for all types of European straight profiles as well as the universal beam and column sections available in the UK. The trolleys are supplied ready assembled and ready for connection, and they are suitable for use with 380-400-415V/3Ph/50Hz power supply with low voltage control (48V) and IP55 protection as standard.

Trolleys range from 125kg – 5,000kg.

Our PRD manually Operated Articulated Trolleys range from 500kg – 2,500kg and are the ideal solution for building a light manual suspended crane up to an 8.0m span. The PRD's include a pair of trolleys, four drop stops and optional safety chain system.

Our PRV Electrically Operated Articulated Trolleys range from 250kg – 2,000kg and are the ideal solution for building a light electric suspended crane system up to a 12m span. The PRV's include a pair of electric trolleys, four drop stops and optional safety chain system.

Trolleys operate a powered downshop motion of up to 20m/min stepless. Electrification kits are also available.



# Portable Mobile Gantry (Steel / Aluminium)

HOIST UK are able to offer a range of Portable Gantries in both steel and aluminium construction.

Our **Steel Gantries** have load capacities of 1,000kg – 5,000kg with spans of 2,500mm – 5,000mm and are designed to receive all types of hoisting equipment which can be supplied with our range of manual or electric chain hoists. The standard units come in three pieces and have either an “I” beam or Eurosystem profile beam. Our range of Steel Mobile Gantries with “I” beam are unique in the UK market place as they are certified as “Moveable Under Load” by Verlinde SA.

Our **Aluminium Gantries** have load capacities of 500kg, 1,000kg, 2,000kg and 3,000kg and are designed to be portable, safe, manually erected and rigid under load. The bolted construction means that should the unit be damaged in transport or storage it can be easily and economically repaired using readily available spare parts. Its rapid assembly from its “flat pack” transportation mode make this unit ideal for areas of poor access like roof tops and lift shafts or where a temporary solution is required. Its aluminium construction is corrosion resistant and low maintenance.



# Jib Cranes / Davits (Standard / Articulated)

HOIST UK offers a wide choice of rugged high performance manual and motorised Jib Cranes which can be equipped with our range of chain hoists, wire rope hoists and belt hoists. Whether wall mounted or column mounted, jib cranes offer a realistic and low cost handling solution enabling loads to be moved in all directions. All Jib cranes are suitable for use with manual or electric hoists and can be fitted with electrical festoon systems.

Our jib cranes can be supplied in either an overbraced or underbraced configuration to maximise lifting height in your chosen application. They can also be supplied in the following range of mountings, working loads, spans:-

**Wall Mounted Jib** (secured to a wall or mast) are available with load capacity from 125kg – 2,000kg, with either an “I” beam or Eurosystem profile, with spans up to 8.0m (depending upon capacity) and 180 degree rotation.

**Column Mounted Jib** – Partially slewable are available with load capacity from 125kg – 2,000kg, with either “I” beam or Eurosystem profile, with spans up to 8.0m (depending upon capacity) and 270 degree rotation.

**Column Mounted Jib** – Fully slewable are available with load capacity from 250kg – 5,000kg, with “I” beam profile, with spans up to 8.0m (depending upon capacity) and 360 degree rotation.

**Davit** - Galvanised or Stainless Steel version available – 250kg, 1.0m span 360 degree rotation.

**Moveable Column Jib** – Partially slewable are available with load capacity from 125kg – 500kg, with either “I” beam or Eurosystem profile, with spans up to 3.0m (depending upon capacity) and 270 degree rotation.

\*Not moveable under load. Jibs are cast into a solid block of concrete rather than mounting onto a foundation which means they can be moved around your factory to suit your lifting needs.

Articulated arms are also available on some of the range.



# Light Crane Systems (Steel / Aluminium)

HOIST UK offers the Eurosystem 2000 overhead handling system (steel or aluminium profiles are available) for loads of 50kg - 2,000kg. The Eurosystem is made up of three profile types; the selection of the type of profile is determined by the load capacity required and the number of suspension points available.

The Eurosystem can take the form of a monorail, single/double beam overhead travelling crane; with single or complex circuit systems which can integrate a selection of bends, switches and turntables to provide a system that will perfectly adapt to your site and production process.

Thanks to the modular design of the system there is no problem in extending the system at future dates, as the system offers great flexibility and ease of installation. Loads are easy to handle thanks to an excellent rolling coefficient.

The range of manual or powered trolleys offer a low headroom solution to meet all your lifting and handling requirements.

## Models available:-

UKA 20 - Steel profile with maximum capacity of 250kg

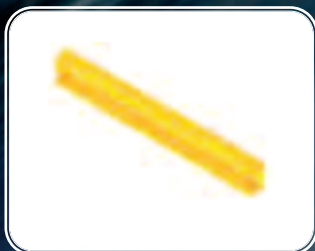
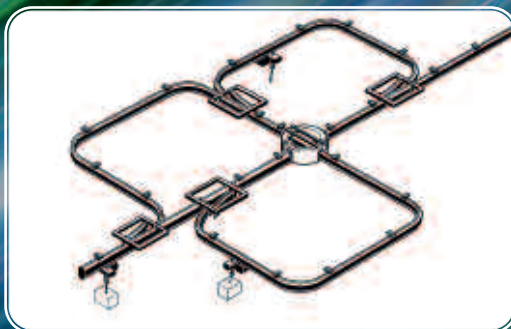
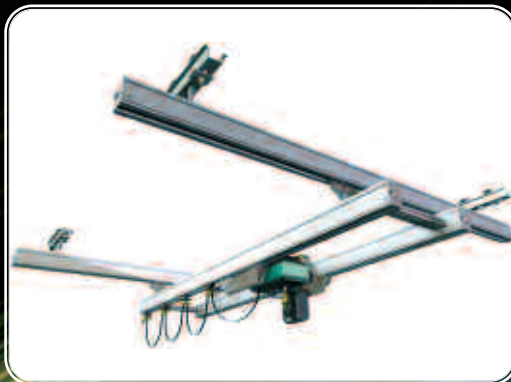
UKA 30 - Steel profile with maximum capacity of 1,000kg

UKA 40 - Steel profile with maximum capacity of 2,000kg

AL 6 - Aluminium profile with maximum capacity of 250kg

AL 10 - Aluminium profile with maximum capacity of 1,000kg

AL 14 - Aluminium profile with maximum capacity of 2,000kg



# Overhead Cranes & Kits (Manual & Electric)

## Manual Cranes:

Our Manual Crane Kits are supplied with end carriages, line shafts, bearings with support arms and all other components (except for the main bridge beam) to enable you to manufacture your crane.

Completed cranes are supplied ready to mount on your existing or new gantry structure.

- SWL Range: 250kg – 10,000kg
- Crane Span: 5.0m – 18.0m

## Electric Cranes:

We offer a complete range of standard electric overhead cranes and kits in the following ranges and configurations:

- SWL Range: 250kg – 80,000kg
- Crane Span: 1.0m – 30.0m

Cranes and kits are available in a single, double or underslung configuration with a choice of electric chain, wire rope and belt hoists.

Our standard cross bridge electrical system is a cabled festoon, but we can also supply an energy chain to give better hook coverage of the hoist, due to the lack of cable bunching.

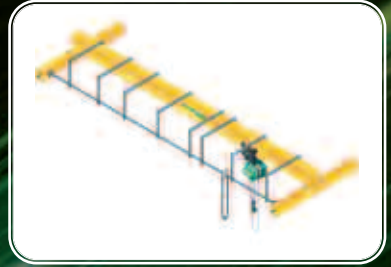
All completed overhead cranes and kits are supplied to the highest standards and are compliant with all the relevant UK and European standards.

Kits are supplied with a hoisting unit, end carriage (with connection plates attached) and cabled festoon system with panel and brackets to attach them to the structure.

Cables are pre-assembled into the festoon trolleys to increase the speed of build and all of the connections are plug and socketed giving a true plug and play crane system which is a unique feature of our crane kits. The kit is complete except for the main steel bridge beam, which can be procured and welded / bolted to the end carriage connection plates supplied in the kit.

Our cranes can be supplied with a huge list of additional equipment and features.

We are also able to supply cranes with larger working loads and spans, so please contact our technical department for more information.



# Load Cells

HOIST UK have the complete range of PEV electric load cells. The PEV is a compact load cell with LCD or LED display (according to model) which will indicate load in real time.

## Standard functions include:–

- +/- 0.1% accuracy at nominal load
- Overload signal – at 110% of maximum load
- Tare, reset to zero and additional functions
- Large easily read LCD or LED display
- IP55 protection
- Operating temperature -20°C to +60°C
- Delivered with two shackles and lifting points
- Delivered with battery and battery charger

## Optional functions are:–

- Infra red remote control
- Carrying case
- Set of heavy duty batteries
- Stainless Steel version
- Tropicalised version
- Integral printer (PEV 3 only)



# Remote Control

HOIST UK can offer a range of Radio Remote Control solutions which have been designed for use with single chain hoists or complete crane systems. The hard wearing and robust design allows them to be used in the most severe industrial applications.

The transmitter boxes are manufactured from robust ABS plastic and the receivers are housed in IP55 water tight casings making it suitable for both indoor and outdoor use.

The rechargeable batteries have a long operating life and are easily replaced in a few seconds.



# Lifting / Spreader Beams



HOIST UK has a selection of standard Lifting and Spreader Beams available. The range includes two point centre suspension and four point "H" type lifting beams in both fixed and adjustable configurations. All beams are manufactured with a 5:1 safety factor and in accordance with relevant British and European Standards. All Beams come complete with painted finish, shackles, rotating hook with safety latch, and CE certificate of conformity / test.

A range of spreader beams are also available up to 120,000kgs, and well as specials designed to meet your specific requirements.

## Runway & Gantry Systems / Fabricated Products

Free standing and building supported Runway/Monorail Beams are available from HOIST UK. These products are designed and manufactured to meet your specific requirements. A full design and build consultancy service is available to design, manufacture, install and test your runway / monorail beam to the relevant British and European Standards.

Free standing and building mounted Gantry Steelwork for overhead cranes of all configurations can be supplied. All gantry steelwork is designed, manufactured, installed and tested in accordance with all the British and European Standards for overhead cranes and lifting equipment. Designs of the systems are completed in house by our own engineering department and systems are manufactured to your particular specification.

All our fabricated products can be supplied for other competent persons to install or can be supplied as part of a package for our own skilled and LEEA (*Lifting Equipment Engineers Association*)



qualified engineers to install. Full load testing and certification packages are also supplied to ensure you are compliant with the requirements of LOLER (*Lifting Operations and Lifting Equipment Regulations*), which are in force within the United Kingdom at this time.

In short, HOIST UK are able to design, fabricate and supply structures for lifting which can be manufactured in either carbon steel or aluminium alloy to meet your specific requirements. Full design consultancy, manufacture and testing services are available as well as the ability to manufacture prototypes for further development works.

# Safety Equipment

HOIST UK can supply a comprehensive and innovative range of height safety equipment for both load arrest and fall arrest situations with temporary and permanent life line kits. All equipment is designed and manufactured in the UK using the latest 3D modelling software and dynamic stress analysis programmes. The equipment we supply meets and exceeds the requirements of all UK, European and International standards.

Our Range of ancillary safety equipment includes:-

## **Load Arrestors**

(250kg, 500kg and 1500kg SWL as standard)

## **Fall Arrestors**

Manufactured to EN 360 AS / NZS 1891.3:1997 with 7m to 34m operational range available

## **Personal Evacuation Equipment**

A full range of controlled descent devices to EN 341

## **Temporary and Permanent Horizontal Safety Lines**

A full range of horizontal lines are available to EN 795

## **Vertical Safety Systems**

A full range of temporary and permanent vertical safety lines are available to EN 353

## **Harnesses and Lanyards**

Manufactured to EN 358 full range available; work restraint, work positioning, riggers and rescue harnesses.

Should you require anything else please do not hesitate to ask as the range extends beyond the standard equipment already listed.



# Loose Tackle

HOIST UK offers a complete range of complimentary loose tackle and can generally offer “a one stop shop” for all your lifting needs.

All of our equipment meets the highest of quality standards and conforms to current lifting gear regulations. All of the equipment we supply comes with **Test Certificates, Report of Thorough Examination** or **CE Declaration** and are fit for purpose.

Our range of complimentary loose tackle includes;

## **Shackles**

Bow and D shackles ranging from 330kg – 85,000kg all to US Fed Spec RR-C-271

## **Roundslings**

Manufactured to EN1492-2:2000 from high tenacity polyester yarn, colour coded, up to 100t and 36m circumference

## **Webbing Slings**

Manufactured to EN1492-1:2000 from high tenacity polyester webbing treated and coated for increased resistance to durability and resistance to abrasion. They are colour coded for W.L.L. and have a 7:1 factor of safety

## **Chain Slings**

Single, two, three and four leg chain slings made to order with a complete range of clutches, hooks and master links available

## **Eye Bolts**

Manufactured to BS4278:1984 Metric thread ranging from 100kg – 12,000kg SWL

## **Rigging Screws**

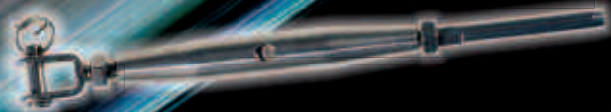
Galvanised tested and certified with oval eye or jaw ends ranging from 200kg – 34,000kg WLL

## **Steel Wire Rope and Wire Rope Fittings**

General engineering steel wire ropes in both galvanised and stainless steel with sizes from 0.8mm to 16mm.

Specialist non-rotating and anti twist ropes along with replacement crane ropes for the Verlinde range.

All of which are generally available on a next day service.



# Service / Maintenance / Installation

HOIST UK can provide a full site survey and installation service for all of our products from runway beams and jib cranes to full overhead cranes with operational training and a full ongoing service and maintenance plan.

Under LOLER (*Lifting Operations and Lifting Equipment Regulations 1978*) and Health and Safety at Work Act 1974 there is a clear and defined requirement for thorough examination and proof load testing of equipment. HOIST UK offer a complete maintenance programme both on site and at our own facilities. We will provide both test certificates and lifting equipment registers promptly after the service visit and offer a secure on-line document store with individual client areas for this purpose.

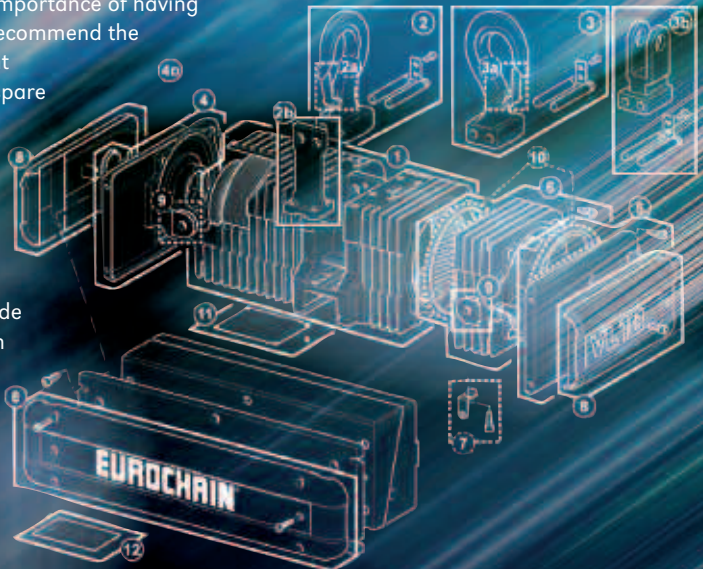
HOIST UK offer the following services; - *planning and design, supply, installation, planned maintenance and repairs, LOLER and loose tackle inspections.*



## Spare Parts

HOIST UK fully understand the importance of having spare parts available and only recommend the use of genuine OEM replacement parts. We hold a wide range of spare parts in stock in our modern Wirral factory that are available for dispatch on a next day delivery basis.

Should the case arise that we do not have your part in stock we have instant access to the Verlinde Spares Department who have an extensive range of spares to suit current and superseded models of all their equipment which again can usually be dispatched either the same day or next working day direct to site to cover breakdown or emergency situations.





# HOIST UK

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**Safety Above All**