



***Heavy duty... and more.***

**CM**<sup>®</sup>

## Columbus McKinnon Corporation

### Our company

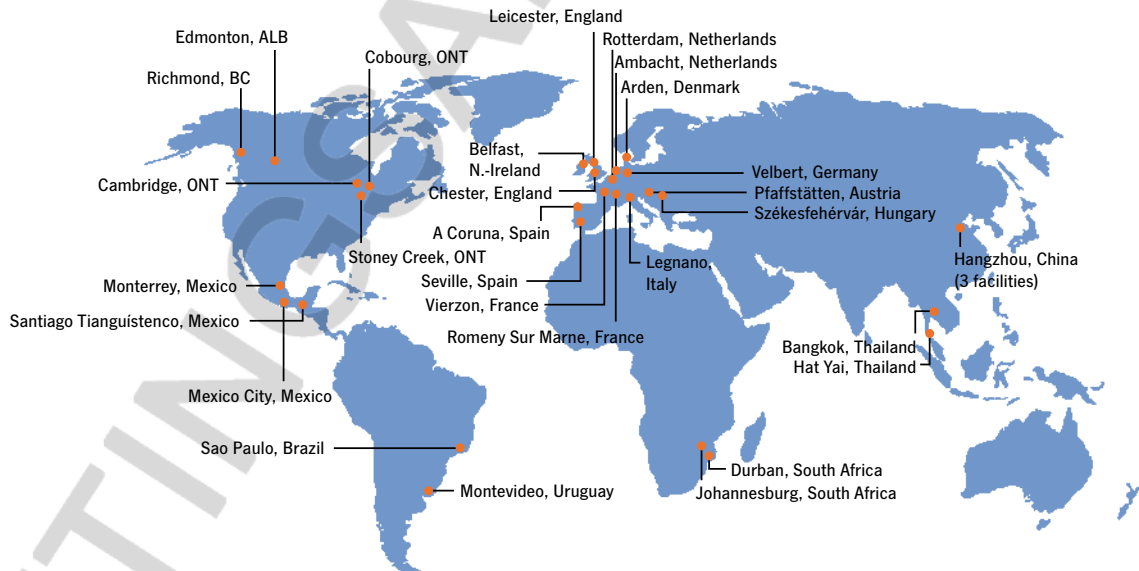
The Columbus McKinnon Corporation is a World Leader in the field of Materials Handling and has more than 130 years experience in the development and production of cranes, hoists, chain and forgings.

The corporation headquarters are located in Amherst, New York and has production plants in the United States, Europe and Asia. Columbus McKinnon is well represented worldwide by a large number of subsidiaries, as well as sales representations or partners.

The success story of Columbus McKinnon originates in the production of chain and forgings for lifting. At the beginning of the last century the production of manual and motorised hoisting equipment was added to the already extensive product offering.

Today, the corporation has more than 3200 employees worldwide and is market leader in the United States for the supply of cranes, manual and motorised hoists, chain, forgings and accessories.

Today you will find Columbus McKinnon products worldwide in all industrial and commercial areas. Because of ever increasing market requirements, Columbus McKinnon has achieved international success due to the implementation of the highest levels of safety and quality standards and its close relationship to customers.



### Our strategy

Our strategy is to use our engineering experience and wide product offering to provide business solutions and services to efficiently and ergonomically move, lift, position and secure material.

## Index

### Manual hoists I

CM Mustang	4-5
CM Lifter	6-7
CM Hurricane	8-10
CM Hurricane IPR/IGR	11-13

### Trolleys

CM Heavy Roller	14-15
CM Curve Roller	16-17
CM Easy Roller	18-19
CM Beam Clamp	20-21

### Electric hoists

CM Shopstar	22-23
CM Lodestar	24-27
CM Powerlift	28-33

### Manual hoists II

CM Minilift	34-35
CM Buffalo	36-37
CM Alulift	38-39
CM Allstar	40-41

### Cable puller & winches

CM Cable Puller	42-43
CM E-Winch	44-45
CM Bison	56-57

### Clamps & grabs

CM V-Clamp	46-47
CM VH-Clamp	48-49
CM V-Grab	50-51
CM U-Clamp	52-53
CM H-Clamp	54-55

### Load moving systems

CM Load Mover	58
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## INFO

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Whilst every effort has been taken to ensure the accuracy of the information described in this brochure Columbus McKinnon can accept no responsibility for any mistakes in the text.

Due to our policy of continuous development we reserve the right to change product specifications without prior warning. Please check with the sales team when ordering.

## CM Mustang hand chain hoist with hook suspension

Capacity 500-5000 kg

The ideal hoist for all industrial applications - particularly construction, contractor and rental fleets because of the robust, compact and lightweight design.

### Features

- | The extremely robust design makes the hoist suitable for arduous conditions.
- | Increased safety as the mechanical load brake engages instantly for precise load holding and positioning.
- | Hand and load chain is zinc plated for corrosion resistance. Load chain is hardened for wear resistance.
- | Quality hand and load chain provide smooth operation and enable accurate load positioning.
- | Rapid installation and service is possible because no special tools are required.



### INFO

**Overloading and improper use can result in injury!**

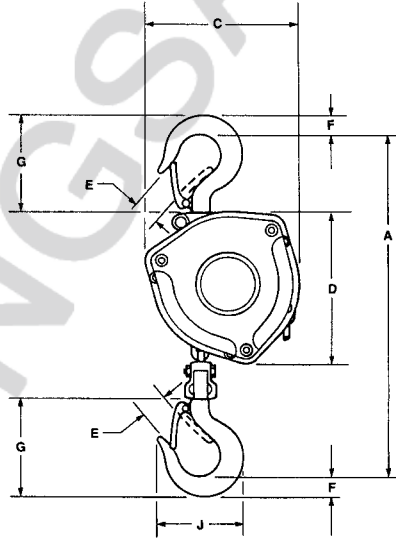
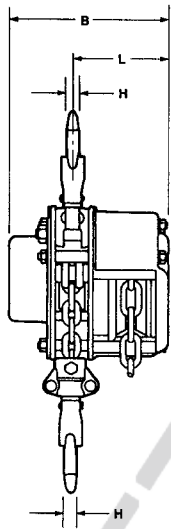
**CM hoisting equipment is not designed for lifting people!**

**Specifications**

Model	EAN-No. 4025092*	Capacity kg	Number of chain falls	Chain dimensions d x p mm	Pull on hard chain at WLL daN	Net weight at std. lift (3m) kg
CM Mustang 500	*041126	500	1	5 x 15-T(8)	25	8,6
CM Mustang 1000	*041164	1.000	1	6,3 x 19,1-T(8)	27	11,3
CM Mustang 1500	*063234	1.500	1	7,1 x 21,2-T(8)	30	16,3
CM Mustang 2000	*041201	2.000	1	8 x 24-T(8)	34	20,4
CM Mustang 3000	*041249	3.000	1	10 x 30,2-T(8)	38	30,0
CM Mustang 5000	*041287	5.000	3	7 x 21,2-V(10)	36	34,0

**Dimensions**

Model	CM Mustang 500	CM Mustang 1000	CM Mustang 1500	CM Mustang 2000	CM Mustang 3000	CM Mustang 5000
A, mm	260	284	400	381	435	575
B, mm	138	151	165	184	198	165
C, mm	138	159	184	214	254	283
D, mm	133	152	156	216	254	186
E, mm	8	29	33	35	40	48
F, mm	16	8	29	32	38	46
G, mm	86	103	90	125	146	173
H, mm	11	16	21	22	29	35
J, mm	75	91	102	116	138	165
K, mm	83	87	92	98	111	92



CM Mustang

## CM Lifter

### hand chain hoist with hook suspension

Capacity 500-5000 kg

The CM Lifter is a robust and easy to handle tool for every day use.

#### Features

- | Long lifetime even in outdoor use due to enclosed robust stamped steel housing. Corrosion protected Weston type load brake and zinc-plated load chain.
- | Smooth chain operation and low wear thanks to the heat treated load sheave with four precision machined chain pockets, plus two guide rollers.
- | Low headroom design allows optimum use of available space.



## INFO

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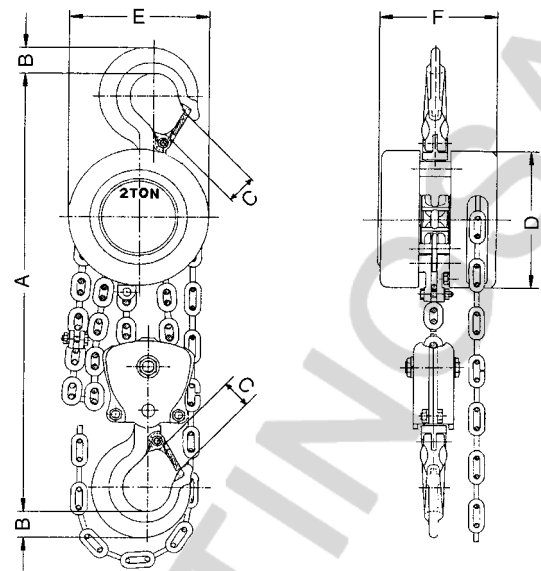
**CM hoisting equipment is not designed for lifting people!**

**Specifications**

Model	EAN-No. 4025092*	Capacity kg	Number of chain falls	Chain dimension d x p mm	Pull on hard chain at WLL daN	Net weight at std. lift (3 m) kg	Min hook-to-hook distance mm
CM Lifter 500	*039765	500	1	6 x 18-T(8)	26	8,7	289
CM Lifter 1000	*039888	1.000	1	6 x 18-T(8)	36	10,6	334
CM Lifter 2000	*039949	2.000	2	6 x 18-T(8)	37	15,0	413
CM Lifter 3000	*039987	3.000	2	8 x 24-T(8)	41	23,4	524
CM Lifter 5000	*040020	5.000	2	10 x 30-T(8)	44	37,5	610

**Dimensions**

Model	CM Lifter 500	CM Lifter 1000	CM Lifter 2000	CM Lifter 3000	CM Lifter 5000
A, mm	289	334	413	524	610
B, mm	16	21	27	35	45
C, mm	22	27	30	37	46
D, mm	120	142	142	178	210
E, mm	120	142	142	178	210
F, mm	106	122	122	139	162



CM Lifter

SELBY ENGINEERING AND LIFTING SAFETY LTD. TEL: +44 (0) 1977 684 600

## CM Hurricane hand chain hoist with hook suspension

Capacity 500-20000 kg

The diversity of applications characterise the CM Hurricane. Even hoist operation from above the load is possible.

### Features

- | Innovative, patented 360° rotating hand chain guide allows both vertical lifting and also horizontal pulling or tensioning.
- | A new innovative brake mechanism does away with a traditional ratchet and pawl and improves maintenance characteristics. Precise hold and positioning of the load.
- | Enclosed robust stamped steel housing with four stud bolts.
- | Excellent protection against corrosion due to high quality materials which are additionally galvanised and yellow-chromated.
- | The internal components are protected by a chain guide and gear train enclosure.
- | Accurate movement of the load chain due to hardened load sheave with four precision machined pockets.
- | Maximum use of lifting height as a result of the extremely low headroom.

### Option

- | Hand chain hoist with integrated trolley.
- | Ultra low headroom version available.
- | Overload prevention device.
- | Chain container.
- | Corrosion resistant version.
- | Spark resistant equipment.

## INFO

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**CM hoisting equipment is not designed for lifting people!**

**Optionally available with corrosion resp. spark resistant features!**

**Also available with a capacity of 20000 kg!**



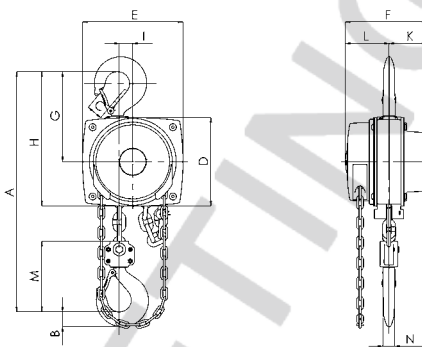


**Specifications**

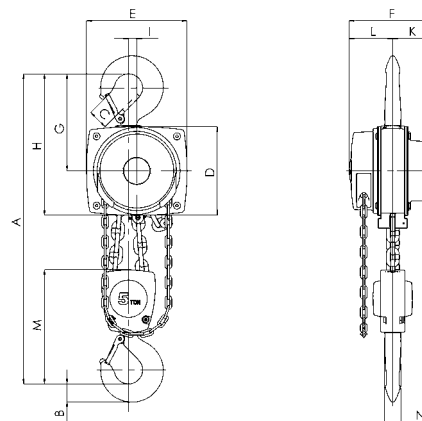
Model	EAN-No. 4025092*	Capacity kg	Number of chain falls	Chain dimensions d x p mm	Hand chain overhaul for 1 m lift m	Pull on hard chain at WLL daN	Weight at standard lift (3 m) kg
CM Hurricane 500	*038812	500	1	5 x 15	30	21	9
CM Hurricane 1000	*038935	1.000	1	6 x 18	49	30	13
CM Hurricane 2000	*038973	2.000	1	8 x 24	71	32	20
CM Hurricane 3000	*038997	3.000	1	10 x 30	87	38	29
CM Hurricane 5000	*039031	5.000	2	10 x 30	174	34	38
CM Hurricane 10000	*039147	10.000	3	10 x 30	261	44	71
CM Hurricane 20000	*051712	20.000	6	10 x 30	522	2 x 44	196

**Dimensions**

Model	CM Hurricane 500	CM Hurricane 1000	CM Hurricane 2000	CM Hurricane 3000	CM Hurricane 5000	CM Hurricane 10000	CM Hurricane 20000
A min., mm	300	335	395	520	654	825	1.010
B, mm	17	22	30	38	45	68	85
C, mm	24	29	35	40	47	68	64
D, mm	133	156	182	220	220	220	303
E, mm	148	175	203	250	250	383	555
F, mm	139	157	183	204	204	204	250
G, mm	139	164	192	225	242	326	391
H, mm	206	242	283	335	352	436	501
I, mm	24	24	31	34	21	136	-
K, mm	61	70	83	95	95	95	396
L, mm	79	87	100	109	109	109	125
M, mm	110	125	156	178	285	401	471
N, mm	14	19	22	30	37	50	56



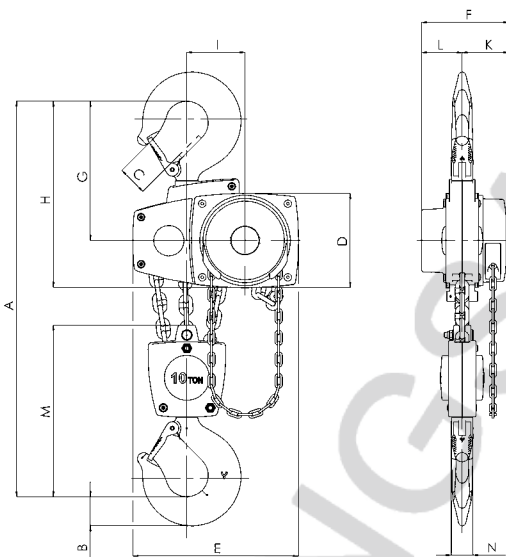
CM Hurricane 500-3000



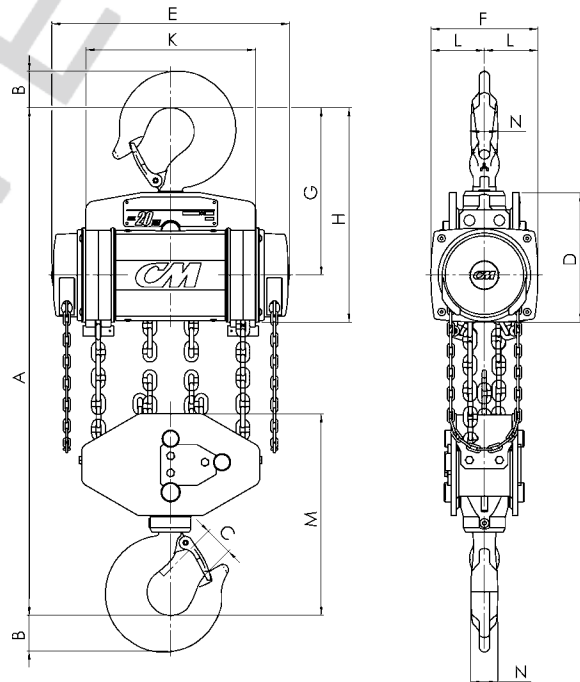
CM Hurricane 5000

Dimensions

Model	CM Hurricane 500	CM Hurricane 1000	CM Hurricane 2000	CM Hurricane 3000	CM Hurricane 5000	CM Hurricane 10000	CM Hurricane 20000
A min., mm	300	335	395	520	654	825	980
B, mm	17	22	30	38	45	68	85
C, mm	24	29	35	40	47	68	64
D, mm	133	156	182	220	220	220	303
E, mm	148	175	203	250	250	383	555
F, mm	139	157	183	204	204	204	250
G, mm	139	164	192	225	242	326	391
H, mm	206	242	283	335	352	436	501
I, mm	24	24	31	34	21	136	-
K, mm	61	70	83	95	95	95	396
l, mm	79	87	100	109	109	109	125
M, mm	110	125	156	178	285	401	461
N, mm	14	19	22	30	37	50	56



CM Hurricane 10000



CM Hurricane 20000

## CM Hurricane IPR/IGR

### hand chain hoist with integrated trolley

Capacity 500-5000 kg

High versatility: the CM Hurricane in combination with a low headroom trolley turns into CM Hurricane IPR/IGR.

#### Features

- | Maximum utilisation in confined spaces due to low headroom (single chain fall design up to a capacity of 3000 kg).
- | Easy and simple mounting of the CM Hurricane IPR/IGR thanks to continuously adjustable cross bar assemblies.
- | Excellent rolling features of the integrated trolley due to prelubricated, encapsulated ball bearings (max. beam profile incline 14 %).
- | Safe operation: the trolley has anti-tilt and drop devices.

#### Option

- | Ultra low headroom version available.
- | Overload protection (not available for CM Hurricane IPR/IGR 500).
- | Chain container.
- | Corrosion resistant version.
- | Spark resistant equipment.
- | Securing device: Beam brake (while not under load).



Buffers optionally available!

## INFO

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**CM hoisting equipment is not designed for lifting people!**

**Illustrated rubber buffers optionally available!**

**Optionally available with corrosion resp. spark resistant features!**

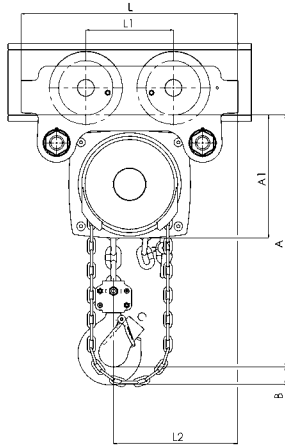
**Specifications**

Model	EAN-No. 4025092*	Capacity kg	Number of chain falls	Beam flange width b mm	Beam flange thickness t mm
CM Hurricane IR 500	*045858	500	1	50 - 180	19
CM Hurricane IR 1000	*045919	1.000	1	50 - 180	19
CM Hurricane IR 2000	*045940	2.000	1	58 - 180	19
CM Hurricane IR 3000	*046022	3.000	1	74 - 180	27
CM Hurricane IR 5000	*046060	5.000	2	98 - 180	27

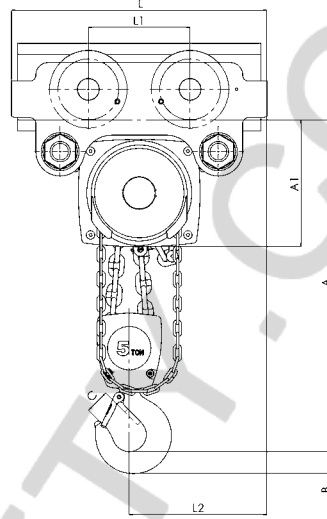
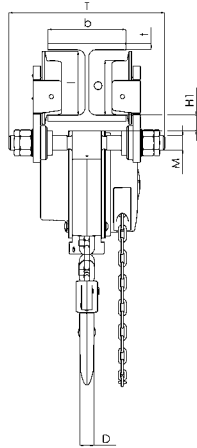
Model	Min. radius curve mm	Net weight for 3 m lift - P kg	Net weight for 3 m lift - G kg	Net weight for 3 m lift with beam brake - P kg	Net weight for 3 m lift with beam brake - G kg
CM Hurricane IR 500	0,90	20	24	26	31
CM Hurricane IR 1000	0,90	27	32	35	40
CM Hurricane IR 2000	1,15	44	49	52	57
CM Hurricane IR 3000	1,40	77	82	86	91
CM Hurricane IR 5000	1,80	125	130	135	140

**Dimensions**

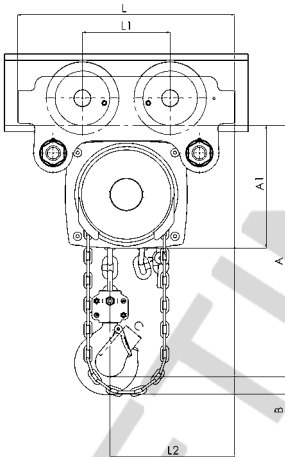
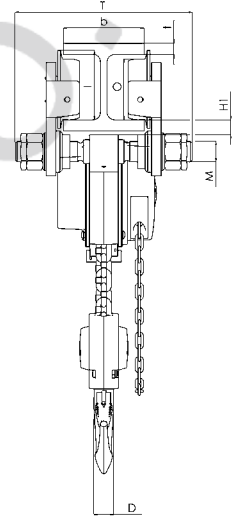
Model	CM Hurricane IR 500	CM Hurricane IR 1000	CM Hurricane IR 2000	CM Hurricane IR 3000	CM Hurricane IR 5000
A min., mm	245	272	323	382	550
A1, mm	158	178	206	252	261
A2, mm	-	-	-	-	-
B, mm	17	22	30	38	45
C, mm	24	29	35	40	47
D, mm	14	19	22	30	37
F, mm	92	92	91	107	150
H1, mm	25	24	24	32	31
I (Push), mm	72	72	96	131	143
I (Geared), mm	77	77	98	133	149
l, mm	270	310	360	445	525
L1, mm	130	130	150	180	209
L2, mm	159	175	207	256	283
M, mm	M 18	M 22	M 27	M 30	M 42
O, mm	60	60	80	112	125
P, mm	108	110	112	112	117
T, mm	280	290	305	320	364



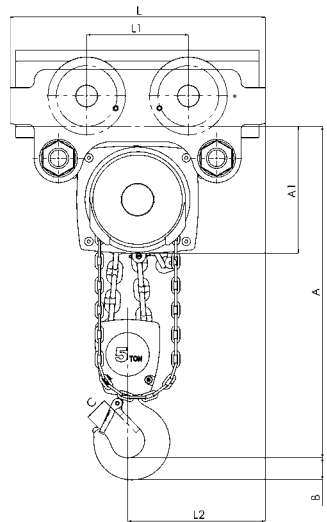
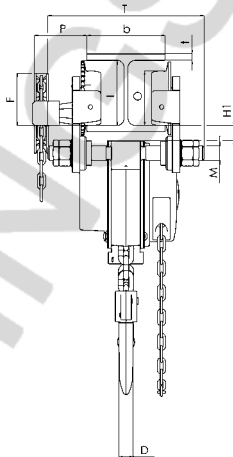
CM Hurricane IPR 500-3000



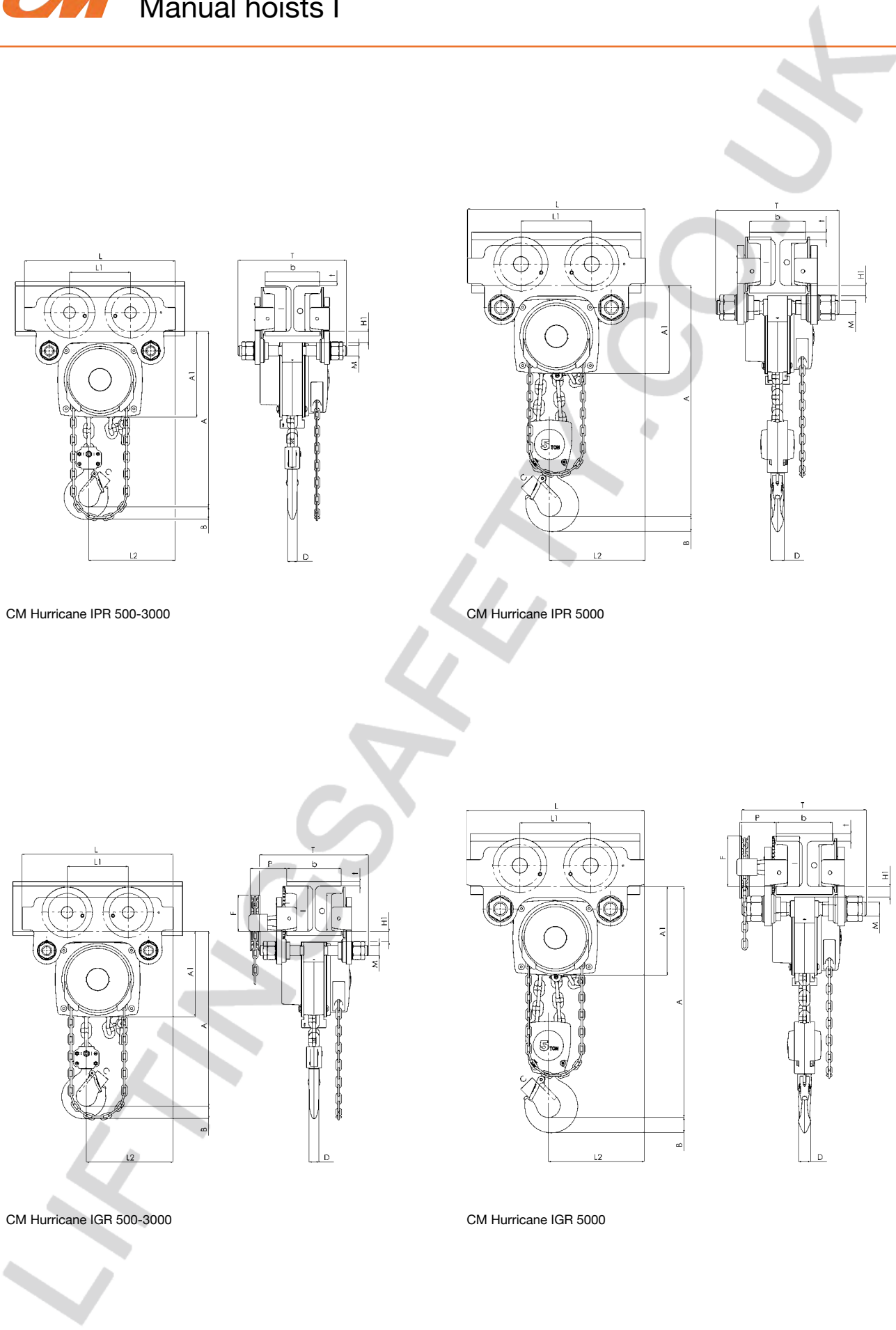
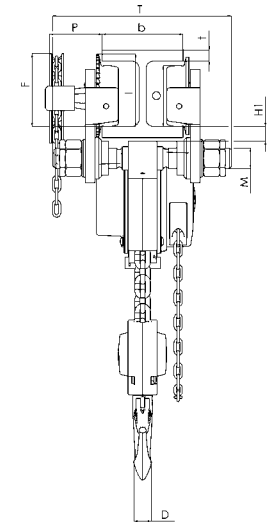
CM Hurricane IPR 5000



CM Hurricane IGR 500-3000



CM Hurricane IGR 5000



## CM Heavy Roller push or geared trolley

Capacity 500-5000 kg

CM Heavy Rollers are used for an exact positioning and easy traversing of large loads with either manual or powered hoists.

The CM Heavy Roller has a factor of safety of 5:1.

### Features

- | Excellent rolling features due to machined steel wheels mounted on prelubricated, encapsulated ball bearings.
- | Higher flexibility as the trolley is adjustable to fit a wide range of beam widths and profiles.
- | Highest possible protection based on standard anti-tilt and wheel fracture support devices.
- | Quick and precise beam adjustment using the opposite threaded load bar.

### Option

- | Buffers.
- | Securing device: Beam brake (while not under load).
- | Rust and acid resistant hand chains.
- | Corrosion resistant version.
- | Spark resistant equipment.



## INFO

**Overloading and improper use can result in injury!**

**CM hoisting equipment is not designed for lifting people!**

Specifications

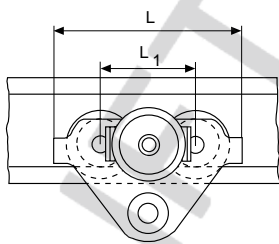
Model	EAN-No. 4025092*	Capacity kg	Beam flange width b mm	Max. flange thickness t mm	Min. radius curve mm	Effort at WLL daN	Net weight* kg	Net weight with beam brake** kg
CM Heavy Roller P 500	*041324	500	50 - 220	25	0,90	3	8,0	14,5
CM Heavy Roller P 1000	*041348	1.000	50 - 220	25	0,90	6	9,0	17,0
CM Heavy Roller P 2000	*041362	2.000	66 - 220	25	1,15	7	16,0	24,0
CM Heavy Roller P 3000	*041386	3.000	74 - 220	25	1,40	7	32,0	41,2
CM Heavy Roller P 5000	*041409	5.000	90 - 220	25	1,80	9	48,0	58,5
CM Heavy Roller G 500	*041706	500	50 - 220	25	0,90	3	9,7	16,2
CM Heavy Roller G 1000	*041768	1.000	50 - 220	25	0,90	6	11,2	19,2
CM Heavy Roller G 2000	*041805	2.000	66 - 220	25	1,15	7	18,0	26,0
CM Heavy Roller G 3000	*041843	3.000	74 - 220	25	1,40	7	35,4	44,6
CM Heavy Roller G 5000	*041881	5.000	90 - 220	25	1,80	9	51,8	62,3

\*Net weight CM Heavy Roller P: without hand chain

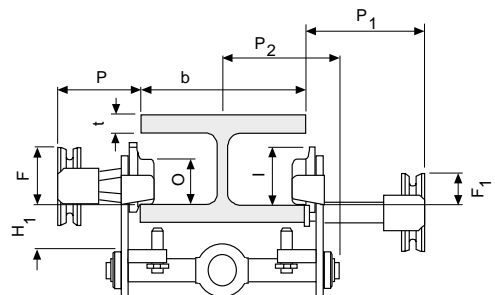
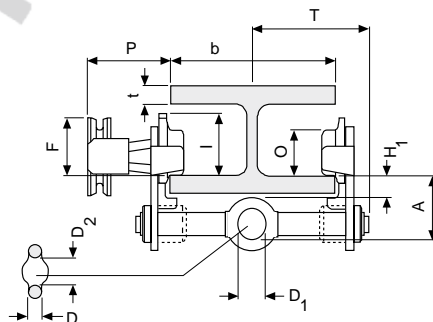
\*\*Net weight CM Heavy Roller G with locking device: without hand chain

Dimensions

Model	CM Heavy Roller P/G 500	CM Heavy Roller P/G 1000	CM Heavy Roller P/G 2000	CM Heavy Roller P/G 3000	CM Heavy Roller P/G 5000
A, mm	77	83	99	114	133
D, mm	16	17	22	26	33
D1, mm	25	30	40	48	60
D2, mm	30	35	47	58	70
F (Geared), mm	92	92	91	108	150
F1, mm	46	46	46	46	46
H1, mm	31	31	31	30	30
I (Pushed), mm	72	72	96	131	143
I (Geared), mm	77	77	98	133	149
l, mm	260	260	310	390	450
L1, mm	130	130	150	180	209
O, mm	60	60	80	112	125
P (Geared), mm	110	110	110	110	110
P1, mm	168	168	168	168	168
P2, mm	146	150	155	160	168
T, mm	146	150	155	160	168



CM Heavy Roller P(G) 500-5000



Beam brake

## CM Curve Roller

### push trolley

Capacity 500-2000 kg

The CM Curve Roller is shorter, more compact and about 50 % lighter than comparable trolleys, yet every bit as tough.

#### Features

- | Extreme agility due to smallest possible curve radius.
- | Long life-cycle as components are made of highest quality steel. Double row ball bearing wheel design (lifetime lubricated).
- | Excellent operational characteristics in confined spaces due to the low headroom.
- | Quick adaptation to a wide range of beams and patented rails.

#### Option

- | Larger V-bars available for wider flange adjustment.



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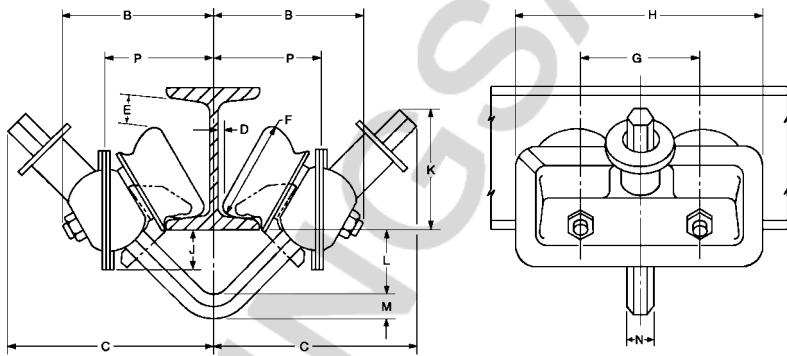


**Specifications**

Model	EAN-No. 4025092*	Capacity kg	Beam flange width b mm	Max. flange thickness t mm	Min. radius curve mm	Weight kg
CM Curve Roller 500	*040792	500	68-128	100-300	178	4,0
CM Curve Roller 1000	*040839	1.000	68-128	100-300	178	4,5
CM Curve Roller 2000	*040877	2.000	86-142	150-380	254	10,4

**Dimensions**

Model	CM Curve Roller 500	CM Curve Roller 1000	CM Curve Roller 2000
B, mm	108	111	143
C, mm	149	152	190
D, mm	5	5	10
E, mm	21	21	56
F, mm	70	70	89
G, mm	86	86	114
H, mm	178	178	229
J, mm	29	29	38
K, mm	86	89	111
I, mm	46	41	51
M, mm	17	22	29
N, mm	22	25	32
P, mm	76	79	98



CM Curve Roller

## CM Easy Roller

### trolley clamp

Capacity 1000-3000 kg

The CM Easy Roller can be fitted easily to overhead beams (e.g. IPB, IPE and INP) for the attachment and transport of loads.

The CM Easy Roller has a factor of safety of 5:1

#### Features

- | The threaded spindle provides quick adjustment to the required beam flange.
- | Secure application due to interlocking mechanism of the counter-lever.
- | Key components are zinc plated for added corrosion protection.



#### INFO

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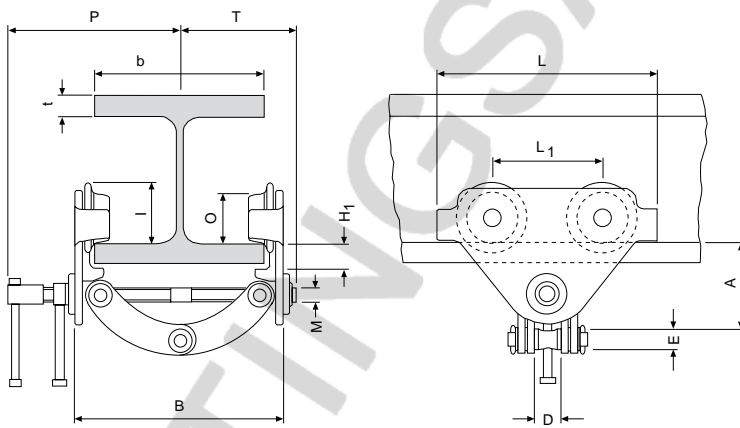
**CM hoisting equipment is not designed for lifting people!**

**Specifications**

Model	EAN-No. 4025092*	Capacity kg	Beam flange width b mm	Min. radius curve mm	Weight kg
CM Easy Roller 1000 A	*041904	1.000	60 - 150	0,60	2,5
CM Easy Roller 2000 A	*041928	2.000	75 - 200	0,90	9,9
CM Easy Roller 2000 B	*041942	2.000	200 - 300	0,90	10,3
CM Easy Roller 3000 A	*041966	3.000	75 - 200	1,15	17,5
CM Easy Roller 3000 B	*041980	3.000	200 - 320	1,15	19,5

**Dimensions**

Model	CM Easy Roller 1000-A	CM Easy Roller 2000-A	CM Easy Roller 2000-B	CM Easy Roller 3000-A	CM Easy Roller 3000-B
A, mm	82 - 109	106 - 155	136 - 191	128 - 171	150 - 212
D, mm	26	42	42	50	50
E, mm	22	20	20	22	22
H1, mm	20	24	24	31	31
l, mm	53	72	72	96	96
l, mm	160	260	260	310	310
L1, mm	75	130	130	150	150
M, mm	M12	M18	M18	M24	M24
O, mm	46	60	60	80	80
P, mm	153	205	255	220	280
T, mm	105	139	189	155	215
t max., mm	15	25	25	25	25



CM Easy Roller

## CM Beam Clamp

Capacity 1000-10000 kg

The CM Beam Clamp is designed as a beam anchor point with a wide flange width adjustment range.

### Features

- | Quick attachment of loads using threaded spindle.
- | Wide adjustability.
- | High safety provided by lockeable spindle.



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**Overloading and improper use can result in injury!**

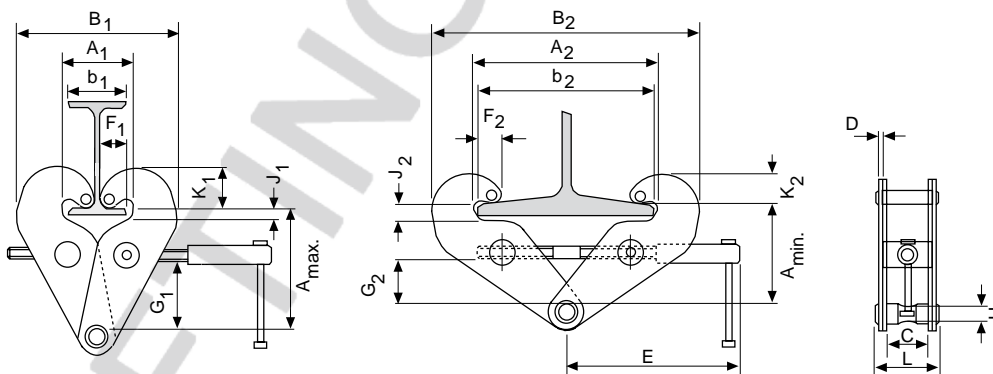
**CM hoisting equipment is not designed for lifting people!**

Specifications

Model	EAN-No. 4025092*	Capacity kg	Beam flange width mm	Weight kg
CM Beam Clamp 1000	*042048	1.000	75 - 230	3,8
CM Beam Clamp 2000	*042062	2.000	75 - 230	4,6
CM Beam Clamp 3000	*042109	3.000	80 - 320	9,2
CM Beam Clamp 5000	*042123	5.000	90 - 320	11,0
CM Beam Clamp 10000	*042147	10.000	90 - 320	17,2

Dimensions

Model	CM Beam Clamp 1000	CM Beam Clamp 2000	CM Beam Clamp 3000	CM Beam Clamp 5000	CM Beam Clamp 10000
A min., mm	115	115	180	180	175
A max, mm	150	150	225	225	220
A1, mm	78	78	80	90	90
A2, mm	246	246	320	310	320
B1, mm	75	75	80	90	90
B2, mm	230	230	320	310	320
C, mm	50	50	70	70	70
D, mm	4	6	8	10	14
E, mm	215	215	255	255	275
F1, mm	34	35	35	35	35
F2, mm	17	18	21	21	20
G1, mm	82	82	120	116	110
G2, mm	44	44	75	75	66
H, mm	20	20	22	28	38
J1, mm	14	14	30	30	34
J2, mm	21	21	34	34	35
K1, mm	48	50	60	60	60
K2, mm	31	32	40	42	40
l, mm	84	94	122	129	146



CM Beam Clamp

## CM Shopstar electric chain hoist with hook suspension

Capacity 125-500 kg

The Shopstar's compact and light weight design makes it the ideal hoist for a range of industries particularly service and maintenance and construction companies.

Standard operating current: Euro-voltage 400V, 3-phases, 50 Hz.  
CM Shopstar 125 also available for 230V, 1-phase, 50 Hz, and 110V, 1-phase, 50 Hz.

### Features

- | Smooth running of the chain due to 10-pocket load sheave.
- | Highest versatility due to low headroom and weight.
- | Rugged, powder coated aluminium frame.
- | Reliable protection against overloading due to slip clutch.
- | Increased safety due to low voltage control (48V) as standard. Pendant control protected to IP65. Motor protected to IP54.
- | Effective protection of the motor in case of overload due to thermal overload protection as standard. Safe hold of the load even in case of electric failure due to electromagnetic, spring pressure brake.
- | Classification 1 Am (30 % ED at max. load) resp. 1 Bm (25 % ED at max. load). On request all models can be upgraded to higher classifications (Note: changes to lifting capacity resp. duty cycle).

### Option

- | Stainless steel load chain.
- | Robust chain container.

## INFO

**Overloading and improper use can result in injury!**

**CM hoisting equipment is not designed for lifting people!**



Chain container  
optionally available!

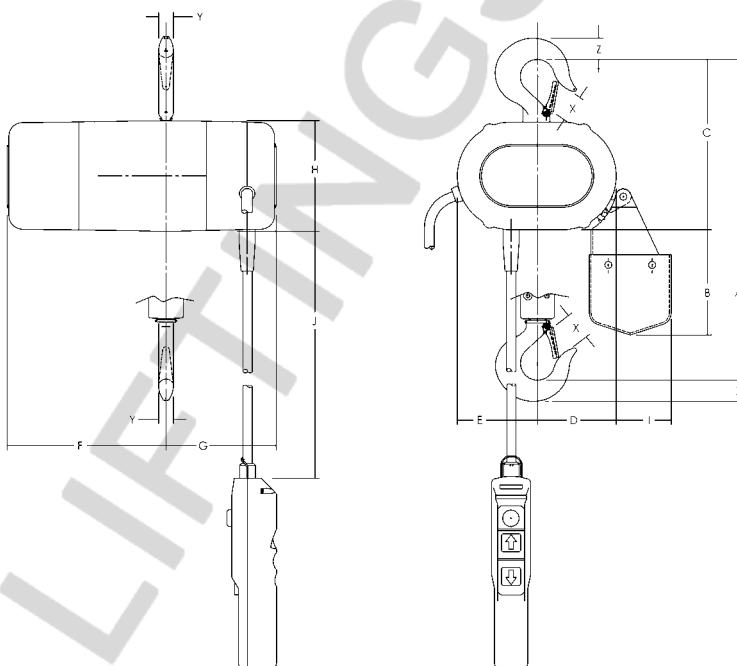
**Specifications**

Model	EAN-No. 4025092*	Capacity kg	Number of chain falls	Chain dimension d x p mm	Lifting speed m/min	Hoist motor kW	Weight kg	Operating current
CM Shopstar 125-4	*088688	125	1	4 x 12,2	4	0,10	12,0	110V / 1Ph / 50Hz
CM Shopstar 125-4	*088640	125	1	4 x 12,2	4	0,10	12,0	230V / 1Ph / 50Hz
CM Shopstar 125-10	*042543	125	1	4 x 12,2	10	0,25	12,0	400V / 3Ph / 50Hz
CM Shopstar 250	*042888	250	1	4 x 12,2	6	0,28	12,0	400V / 3Ph / 50Hz
CM Shopstar 500	*042925	500	2	4 x 12,2	3	0,28	13,0	400V / 3Ph / 50Hz

**Dimensions**

Model	CM Shopstar 125	CM Shopstar 250	CM Shopstar 500
A, mm	276	276	303
B, mm	98	98	146
C, mm	159	159	159
D, mm	75	75	60
E, mm	76	76	91
F, mm	160	160	160
G, mm	227	227	227
H, mm	103	103	103
I, mm	52	52	52
J*, mm	1.905	1.905	1.905
X, mm	25	25	25
Y, mm	14	14	14
Z, mm	21	21	21

\*Dimensions for standard 3 m lift.



CM Shopstar

## CM Lodestar

### electric chain hoist with hook suspension or integrated trolley

Capacity 250-2000 kg

The Lodestar hoist is world renowned for its robust design, high specification and suitability for use in arduous applications across a wide range of industries.

From hook suspension in the rental industry to trolley mounted in a factory production line, the Lodestar has a proven reputation as the solution for industrial strength lifting. Over 1 million units sold.

Standard operating voltage: 400V, 3-phases, 50Hz - Euro-voltage. 230V, 3-phases, 50Hz alternatively 230V, 1-phase, 50Hz or 110V, 1-phase, 50Hz available.

#### Features

- | Tough lightweight aluminium alloy covers totally enclose the mechanical and electrical components providing protection and efficient heat dissipation. The design enables easy access for installation and service.
- | Upper and lower limit switches prevent dangerous over travel and come factory set. They are easily accessible and adjust to any position. The limits are protected from damage because they are inside the hoist.
- | Low voltage pendant control is standard (IP65).
- | Pendant control protected to IP 65.
- | Thermal overload protection as standard.
- | FEM classification 2 m or better (ED 40% or better) provides a superior duty cycle resulting in greater productivity.
- | Excellent overall hoist dimensions make operation in confined spaces possible.
- | A lifetime lubricated gearbox contributes to exceptional service and maintenance characteristics.
- | 3-phase single speed hoist motors are dual voltage.
- | Extremely connection-friendly and easy to maintain construction.
- | Load hook with axial bearing.

#### Optional

- | Suspension hook rotated 90°.
- | Flexible chain container.



#### INFO

**Overloading and improper use can result in injury!**

**CM hoisting equipment is not designed for lifting people!**

**Capacity 3000 kg, 110V, single phase, 50Hz on request!**



**Specifications**

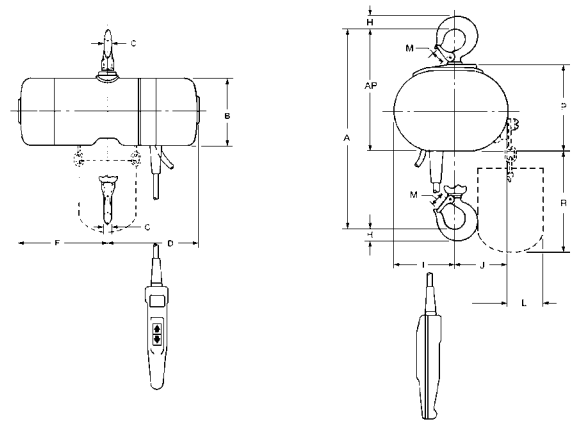
Model	EAN-No. 4025092*	Capacity / Chain falls kg	Frame type	Lifting speed m/min	Operating current
CM Lodestar 250	*089258	250/1	C	8	230V / 1Ph / 50Hz
CM Lodestar 250	*112802	250/1	C	8	110V / 1Ph / 50Hz
CM Lodestar 500	*112574	500/1	F	4	230V / 1Ph / 50Hz
CM Lodestar 500	*089326	500/1	J	8	230V / 1Ph / 50Hz
CM Lodestar 500	*112581	500/1	F	4	110V / 1Ph / 50Hz
CM Lodestar 500	*112598	500/1	J	8	110V / 1Ph / 50Hz
CM Lodestar 1000	*112722	1000/1	L	4	230V / 1Ph / 50Hz
CM Lodestar 1000	*112666	1000/1	L	4	110V / 1Ph / 50Hz
CM Lodestar 2000	*112697	2000/2	RR	2	230V / 1Ph / 50Hz
CM Lodestar 2000	*112710	2000/2	RR	2	110V / 1Ph / 50Hz

Model	Chain dimensions d x p mm	Hoistmotor kW	Net weight* suspension hook kg	Net weight* push trolley kg	Net weight* geared trolley kg	Net weight* electric trolley** kg
CM Lodestar 250	6,3 x 18,9	0,37	29	40	43	49
CM Lodestar 250	6,3 x 18,9	0,37	30	41	44	50
CM Lodestar 500	6,3 x 18,9	0,37	28	39	42	48
CM Lodestar 500	7,9 x 21,7	0,75	51	62	65	71
CM Lodestar 500	6,3 x 18,9	0,37	29	40	43	49
CM Lodestar 500	7,9 x 21,7	0,75	52	63	66	72
CM Lodestar 1000	7,9 x 21,7	0,75	52	70	74	79
CM Lodestar 1000	7,9 x 21,7	0,75	53	71	75	80
CM Lodestar 2000	7,9 x 21,7	0,75	58	76	80	85
CM Lodestar 2000	7,9 x 21,7	0,75	59	77	81	86

\* Weight for standard 3m lift. Other lifting heights on request.  
\*\* Additional weight for 2 speed version 2,0 kg.

**Dimensions**

Model	CM Lodestar 250/500	CM Lodestar 500/1000	CM Lodestar 2000
Frame type	<b>A, B, C, F and AA</b>	<b>J, L, JJ and LL</b>	<b>RR</b>
A, mm	413	471	613
B, mm	156	194	194
C, mm	17	22	28
D, mm	279	241	241
F, mm	197	271	271
H, mm	25	30	38
I, mm	122	184	157
J, mm	100	138	165
l, mm	43	11	11
M, mm	25	28	33
P, mm	168	198	198
R*, mm	250	327	480
AP, mm	235	271	284



CM Lodestar, suspension hook, single fall

\*Dimensions for standard 3 m lift.

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**Specifications**

Model	EAN-No. 4025092*	Capacity / Chain falls kg	Frame type	Lifting speed main lift m/min	Lifting speed fine lift m/min	Operating current
CM Lodestar 250	*089302	250/1	C	8	–	400/230V / 3Ph / 50Hz
CM Lodestar 250	*089319	250/1	C2	8	2,5	400V / 3Ph / 50Hz
CM Lodestar 250	*112840	250/1	C2	8	2,5	230V / 3Ph / 50Hz
CM Lodestar 500	*112604	500/1	F	4	–	400/230V / 3Ph / 50Hz
CM Lodestar 500	*089333	500/1	J	8	–	400/230V / 3Ph / 50Hz
CM Lodestar 500	*112628	500/1	JJ	16	–	400/230V / 3Ph / 50Hz
CM Lodestar 500	*112635	500/1	F2	4	1,3	400V / 3Ph / 50Hz
CM Lodestar 500	*089357	500/1	J2	8	2,5	400V / 3Ph / 50Hz
CM Lodestar 500	*112642	500/1	F2	4	1,3	230V / 3Ph / 50Hz
CM Lodestar 500	*112659	500/1	J2	8	2,5	230V / 3Ph / 50Hz
CM Lodestar 1000	*089487	1.000/1	LL	8	–	400V / 3Ph / 50Hz
CM Lodestar 1000	*112673	1.000/1	L2	4	1,3	400V / 3Ph / 50Hz
CM Lodestar 1000	*089388	1.000/1	LL2	8	2,5	400V / 3Ph / 50Hz
CM Lodestar 1000	*112796	1.000/1	LL2	8	2,5	230V / 3Ph / 50Hz
CM Lodestar 2000	*112727	2.000/2	RR	4	–	400V / 3Ph / 50Hz
CM Lodestar 2000	*112734	2.000/2	RR2	2	0,6	400V / 3Ph / 50Hz
CM Lodestar 2000	*089517	2.000/2	RR2	4	1,3	400V / 3Ph / 50Hz
CM Lodestar 2000	*112741	2.000/2	RR2	4	1,3	230V / 3Ph / 50Hz

Model	Chain dimensions d x p mm	Hoist motor kW	Net weight* suspension hook kg	Net weight* push trolley kg	Net weight* geared trolley kg	Net weight* electric trolley** kg
CM Lodestar 250	6,3 x 18,9	0,37	34	45	47	54
CM Lodestar 250	6,3 x 18,9	0,37	35	46	48	55
CM Lodestar 250	6,3 x 18,9	0,37	35	46	48	55
CM Lodestar 500	6,3 x 18,9	0,37	34	45	47	54
CM Lodestar 500	7,9 x 21,7	0,75	51	62	65	71
CM Lodestar 500	7,9 x 21,7	1,5	54	65	68	75
CM Lodestar 500	6,3 x 18,9	0,37	35	46	48	55
CM Lodestar 500	7,9 x 21,7	0,75	52	63	66	72
CM Lodestar 500	6,3 x 18,9	0,37	35	46	48	55
CM Lodestar 500	7,9 x 21,7	0,75	52	63	66	72
CM Lodestar 1000	7,9 x 21,7	1,5	55	73	77	82
CM Lodestar 1000	7,9 x 21,7	0,75	53	71	75	80
CM Lodestar 1000	7,9 x 21,7	1,5	57	75	79	84
CM Lodestar 1000	7,9 x 21,7	1,5	57	75	79	84
CM Lodestar 2000	7,9 x 21,7	1,5	62	80	84	89
CM Lodestar 2000	7,9 x 21,7	0,75	65	83	87	92
CM Lodestar 2000	7,9 x 21,7	1,5	65	83	87	92
CM Lodestar 2000	7,9 x 21,7	1,5	65	83	87	92

\* Weight for standard 3m lift. Other lifting heights on request.

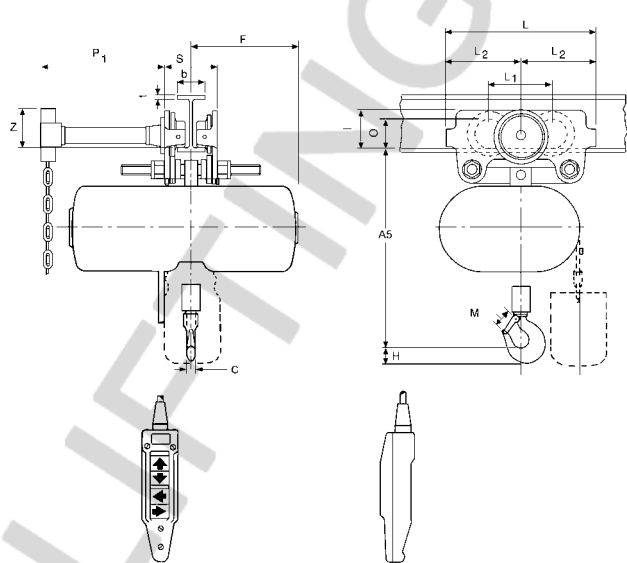
\*\* Additional weight for 2 speed version 2,0 kg.

**Specifications electric trolley**

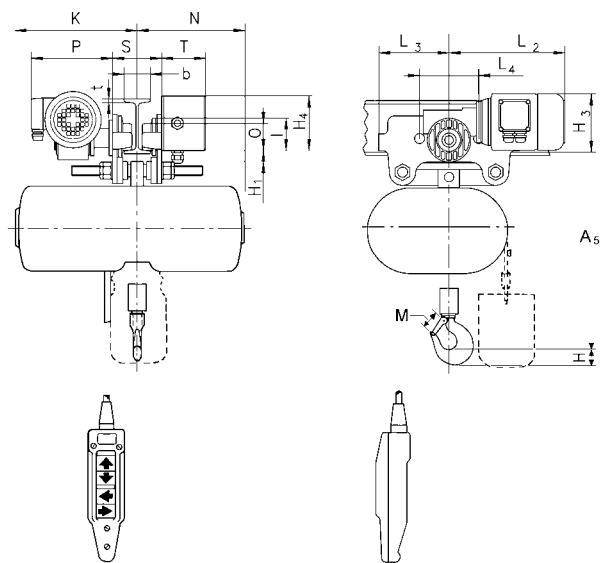
Capacity kg	Beam flange width mm	Curve radius min. m	Electric trolley travel speed m/min at 50 Hz	Electric trolley motor kW at 50 Hz
250 - 2.000	98-180	2,0	11 or 11/2,8	0,37 or 0,3/0,09

Dimensions

Model	CM Lodestar 250/500	CM Lodestar 500/1000	CM Lodestar 2000
Frame type	A, B, C, F and AA	J, L, JJ and LL	RR
A4 (3 m), mm	496	597	754
A5, mm	427	470	603
H1, mm	24	24	24
H3, mm	129	128	128
H4 (push), mm	92	91	91
H4 (electric), mm	125	110	110
I, mm	77	98	98
L (push), mm	310	360	360
L (electric), mm	410	435	435
L (two speeds), mm	420	445	445
L1, mm	130	150	150
L2, mm	255	255	255
L2 (two speeds), mm	265	265	265
L3, mm	155	180	180
L4, mm	143	179	179
O, mm	60	80	80
P, mm	187	187	187
P1, mm	295	295	295
S, mm	b+50	b+54	b+54
T, mm	19	19	19



CM Lodestar, integrated push or geared trolley



CM Lodestar, integrated electric trolley

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## CM Powerlift

### electric chain hoist with hook suspension or integrated trolley

Capacity 1600-10000 kg

The electric chain hoist model CM Powerlift is characterised by a high performance and long lifetime, even in demanding conditions. The design is optimised around three main components so that the hoist is easy and inexpensive to maintain.

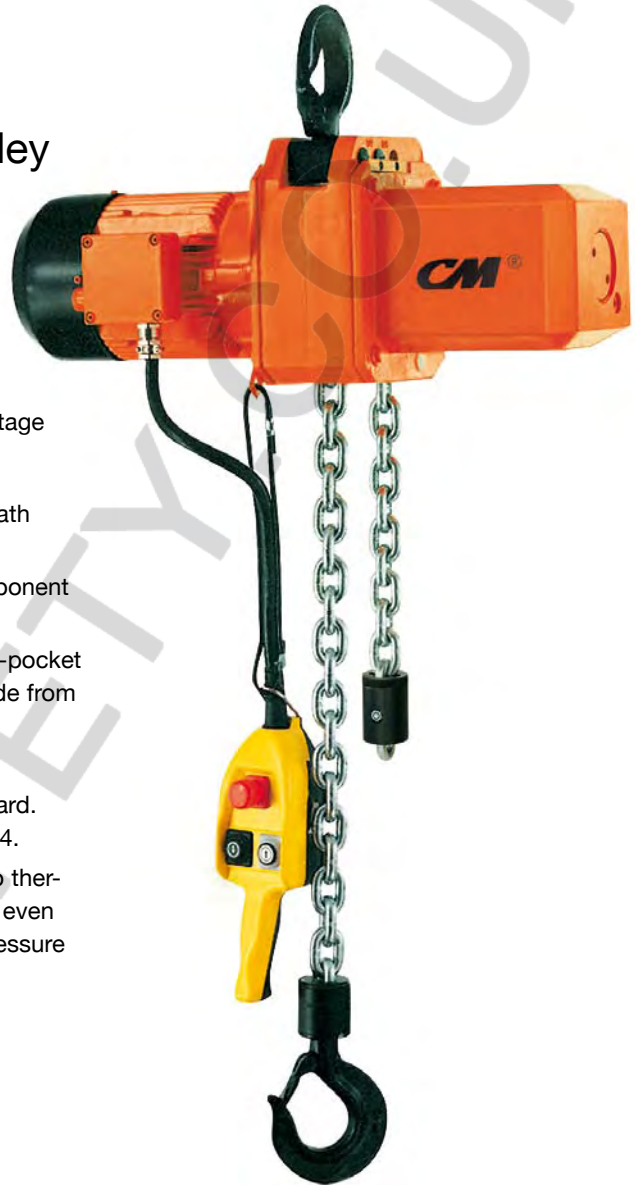
Standard operating voltage: 400V, 3-phases, 50 Hz - Euro-voltage

#### Features

- | Extraordinary smooth running thanks to the standard, oil bath lubricated planetary gearbox.
- | Low overall height due to optimal arrangement of the component parts (only one chain fall up to a capacity of 3000 kg).
- | Smooth and precise running of the load chain due to the 5-pocket load chain sheave matched perfectly to the load chain made from high-quality case-hardened steel.
- | Reliable protection against overloading due to slip clutch.
- | Increased safety due to low voltage control (48V) as standard. Pendant control protected to IP65. Motor protected to IP54.
- | Effective protection of the motor in case of overload due to thermal overload protection as standard. Safe hold of the load even in case of electric failure due to electromagnetic, spring pressure brake.
- | Classification 1 Am (40 % ED), resp. 1 Bm (25 % ED).
- | Reconnectable motors for increased flexibility.

#### Option

- | Stainless steel load chain.
- | Suspension hook rotated 90°.
- | Other operating voltages on request.
- | Limit switch for highest and lowest hook position (standard with CM Powerlift 10000).
- | Motor with stainless steel brake.
- | Flexible chain container.



#### INFO

**Overloading and improper use can result in injury!**

**CM hoisting equipment is not designed for lifting people!**

**The units are certified by the employer's liability insurance association and fulfil the requirements of the machinery directive 98/37 EWG.**

**The 10000 kg hoist is based on a twin 5000 kg design.**

**Specifications**

Model	EAN-No. 4025092*	Capacity/ chain falls kg	Chain dimensions d x p mm	Classification	Lifting speed main lift m/min	Lifting speed fine lift m/min
CM Powerlift 1600	*043021	1.600/1	11 x 31	1 Am	8,0	-
CM Powerlift F 1600	*043106	1.600/1	11 x 31	1 Am	8,0	2,0
CM Powerlift 2000	*043144	2.000/1	11 x 31	1 Bm	8,0	-
CM Powerlift F 2000	*043182	2.000/1	11 x 31	1 Bm	8,0	2,0
CM Powerlift 2500	*043571	2.500/1	11 x 31	1 Am	5,0	-
CM Powerlift F 2500	*043618	2.500/1	11 x 31	1 Am	5,0	1,25
CM Powerlift 3000	*043656	3.000/1	11 x 31	1 Bm	5,0	-
CM Powerlift F 3000	*043694	3.000/1	11 x 31	1 Bm	5,0	1,25
CM Powerlift 3200	*043755	3.200/2	11 x 31	1 Am	4,0	-
CM Powerlift F 3200	*043922	3.200/2	11 x 31	1 Am	4,0	1,0
CM Powerlift 4000	*043960	4.000/2	11 x 31	1 Bm	4,0	-
CM Powerlift F 4000	*044004	4.000/2	11 x 31	1 Bm	4,0	1,0
CM Powerlift 5000	*044066	5.000/2	11 x 31	1 Am	2,5	-
CM Powerlift F 5000	*044127	5.000/2	11 x 31	1 Am	2,5	0,6
CM Powerlift 7500	*044165	7.500/3	11 x 31	1 Am	1,6	-
CM Powerlift F 7500	*044226	7.500/3	11 x 31	1 Am	1,6	0,4
CM Powerlift 10000	*045131	10.000/4	11 x 31	1 Am	2,5	-
CM Powerlift F 10000	*045193	10.000/4	11 x 31	1 Am	2,5	0,6

Model	Hoist motor kW	Motor rating ED %	Net weight* suspension hook kg	Net weight* push trolley kg	Net weight* geared trolley kg	Net weight* electric trolley kg
CM Powerlift 1600	2,3	40	88	150	154	164
CM Powerlift F 1600	2,3/0,58	40/20	93	155	159	169
CM Powerlift 2000	2,8	25	88	150	154	164
CM Powerlift F 2000	2,8/0,7	25/15	93	155	159	169
CM Powerlift 2500	2,3	40	88	150	154	164
CM Powerlift F 2500	2,3/0,58	40/20	93	155	159	169
CM Powerlift 3000	2,8	25	88	150	154	164
CM Powerlift F 3000	2,8/0,7	25/15	93	155	159	169
CM Powerlift 3200	2,3	40	107	169	173	182
CM Powerlift F 3200	2,3/0,58	40/20	112	174	178	187
CM Powerlift 4000	2,8	25	107	169	173	182
CM Powerlift F 4000	2,8/0,7	25/15	112	174	178	187
CM Powerlift 5000	2,3	40	107	169	173	182
CM Powerlift F 5000	2,3/0,58	40/20	112	174	178	187
CM Powerlift 7500	2,8	40	-	-	-	-
CM Powerlift F 7500	2,8/0,58	40/20	-	-	-	-
CM Powerlift 10000	2 x 2,3	40	282	-	385	406
CM Powerlift F 10000	2 x 2,3/0,58	40 / 20	287	-	390	411

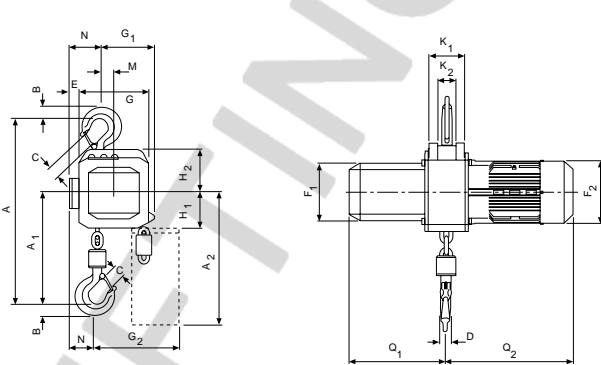
\* Weight for standard 3m lift. Other lifting heights on request.

**Specifications electric trolley**

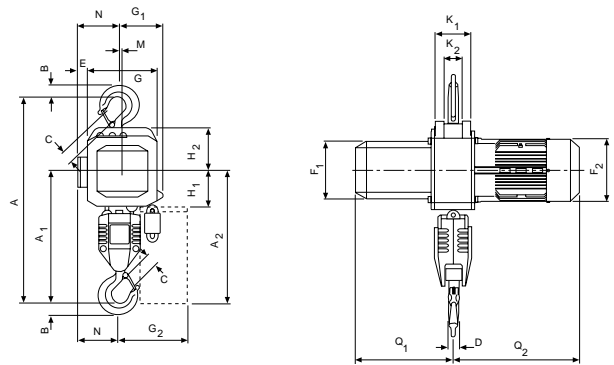
Capacity kg	Beam flange width mm	Curve radius min. m	Electric trolley travel speed m/min at 50 Hz	Electric trolley motor kW at 50 Hz
1.600-5.000 up to 10.000	98-180 / 180-300 125-310	2,0 / 1,8 1,8	11 or 11/2,8 5 or 5/1,25	0,37 or 0,3/0,09 0,55 or 0,55/0,12

Dimensions

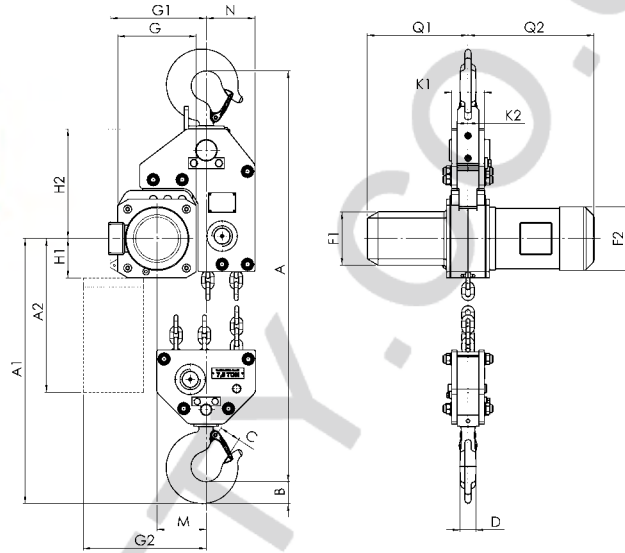
Model	CM Powerlift	CM Powerlift	CM Powerlift	CM Powerlift	CM Powerlift	CM Powerlift	CM Powerlift	CM Powerlift	CM Powerlift
	1600	2000	2500	3000	3200	4000	5000	7500	10000
A, mm	516	516	516	516	681	681	681	950	1068
A1, mm	286	286	286	286	428	428	428	479	651
A2 (13 m), mm	430	430	430	430	430	430	430	-	-
A2 (21 m), mm	530	530	530	530	530	530	530	530	555
B, mm	35	35	35	35	45	45	45	60	60
C, mm	37	37	37	37	46	46	46	52	52
D, mm	24	24	24	24	30	30	30	40/45	40/45
E, mm	24	24	24	24	24	24	24	-	-
F1, mm	160	160	160	160	160	160	160	160	160
F2, mm	178	178	178	178	178	178	178	178	178
G, mm	220	220	220	220	220	220	220	220	705
G1, mm	180	180	180	180	140	140	140	268	315
G2 (13 m), mm	257	257	257	257	218	218	218	-	-
G2 (21 m), mm	277	277	277	277	238	238	238	345	408
H1, mm	110	110	110	110	110	110	110	110	135
h2, mm	135	135	135	135	135	135	135	307	256
K1, mm	100	100	100	100	100	100	100	92	92
K2, mm	51	51	51	51	51	51	51	62	62
M, mm	50	50	50	50	9.6	9.6	9.6	248	-
N, mm	84	84	84	84	124	124	124	136	390
Q1, mm	280	280	280	280	280	280	280	280	280
Q2 (CM Powerlift), mm	362	362	362	362	362	362	362	362	362
Q2 (CM Powerlift F), mm	417	417	417	417	417	417	417	417	417



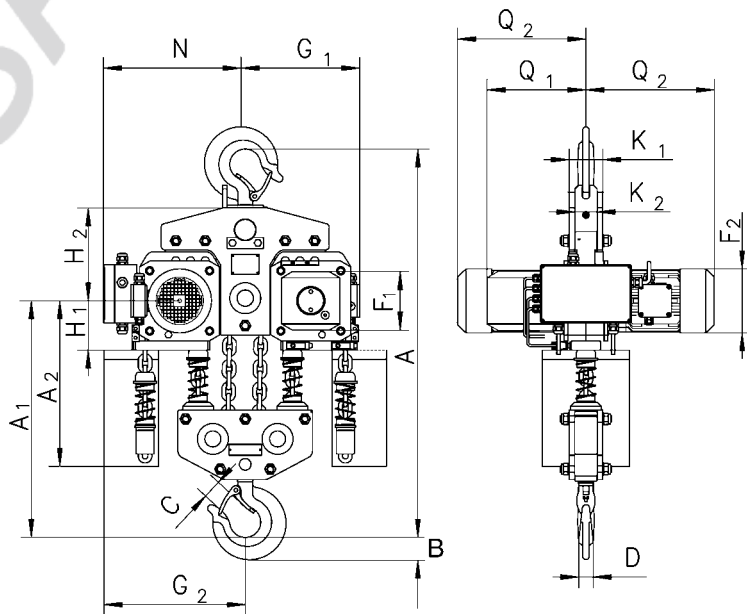
CM Powerlift (F) 1600-3000, suspension hook, single fall



CM Powerlift (F) 3200-5000, suspension hook, double fall



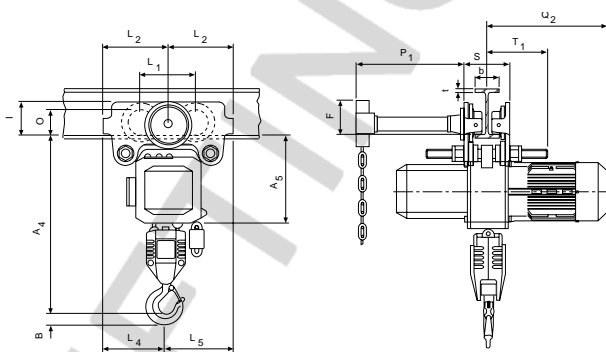
CM Powerlift (F) 7500, suspension hook



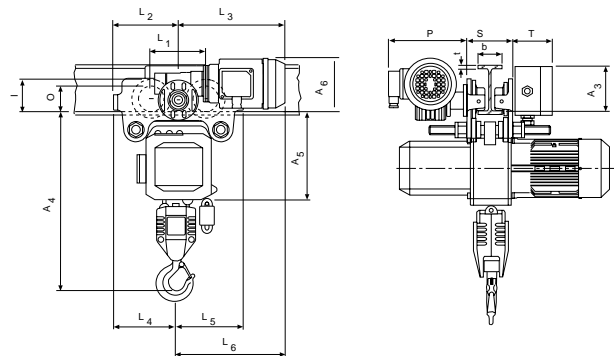
CM Powerlift (F) 10000, suspension hook

Dimensions

Model	CM Powerlift 1600	CM Powerlift 2000	CM Powerlift 2500	CM Powerlift 3000	CM Powerlift 3200	CM Powerlift 4000	CM Powerlift 5000	CM Powerlift 7500	CM Powerlift 10000
A3, mm	143	143	143	143	143	143	143	-	110
A4, mm	465	465	465	465	615	615	615	855	965
A5, mm	298	298	298	298	298	298	298	477	450
A6, mm	178	178	178	178	178	178	178	-	170
b, mm	A = 98-180/ B = 180-300	A = 98-180/ B = 180-300	A = 98-180/ B = 180-300	A = 98-180/ B = 180-300	A = 98-180/ B = 180-300	A = 98-180/ B = 180-300	A = 98-180/ B = 180-300	125-310	125-310
F, mm	150	150	150	150	150	150	150	113	113
l, mm	143	143	143	143	143	143	143	170	170
L1, mm	209	209	209	209	209	209	209	200	200
L2, mm	263	263	263	263	263	263	263	215	215
L3 (electric), mm	292	292	292	292	292	292	292	-	335
L3 (electric F), mm	296	296	296	296	296	296	296	-	335
L4, mm	213	213	213	213	253	253	253	215	390
L5, mm	312	312	312	312	272	272	272	215	215
L6 (electric), mm	342	342	342	342	302	342	342	-	-
L6 (electric F), mm	346	346	346	346	306	306	306	-	-
O, mm	125	125	125	125	125	125	125	150	150
P (electric), mm	197	197	197	197	197	197	197	-	273
P (electric F), mm	205	205	205	205	205	205	205	-	280
P1, mm	229	229	229	229	229	229	229	-	110
S, mm	b + 70	b + 70	b + 70	b + 70	b + 70	b + 70	b + 70	b + 98	b + 98
T, mm	97	97	97	97	97	97	97	-	97

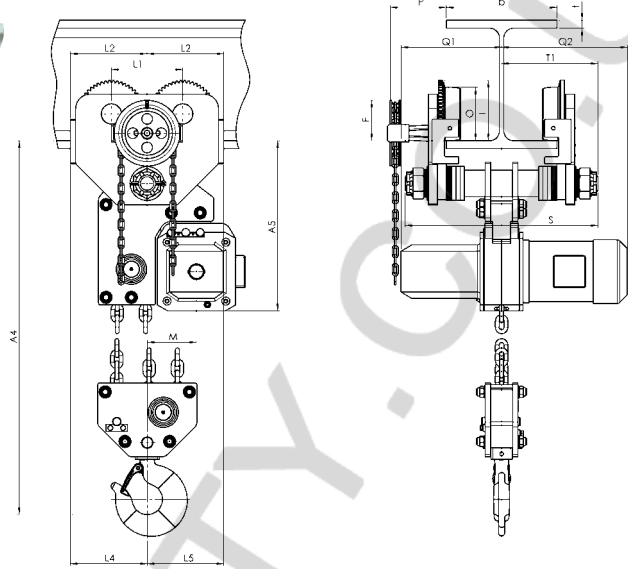


CM Powerlift, integrated push or geared trolley

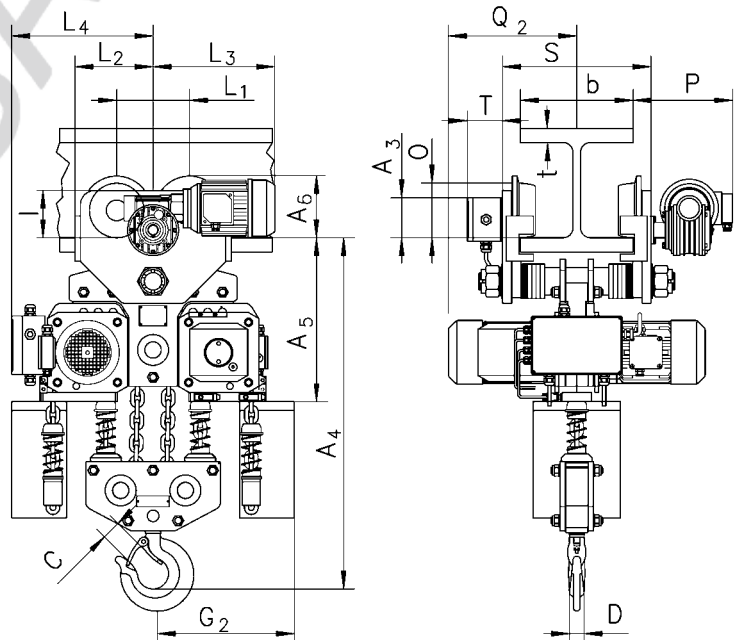


CM Powerlift, integrated electric trolley





CM Powerlift (F) 7500, integrated geared or electric trolley



CM Powerlift (F) 10000, integrated electric trolley

## CM Minilift ratchet lever hoist with hook suspension

Capacity 250 and 500 kg

The CM Minilift is suitable for many applications because of the very compact, light weight and portable design.

### Features

- | Easy handling due to lightweight and compact design.
- | Quick attachment of the load due to smooth-running free chaining feature.
- | Quality hand and load chain provide smooth operation and enable accurate load positioning.
- | Extended lifetime due to an enclosed design with protection against dust, humidity and corrosion.
- | Improved comfort and safety due to an ergonomic rubber grip.
- | For maximum security and the lowest possible wear the case hardened and highly tensile load chain is adjusted perfectly to the load chain sheave.
- | Forged suspension and load hooks, manufactured from non-aging, high alloy tempering steel, yield under overload instead of breaking.



### INFO

**Overloading and improper use can result in injury!**

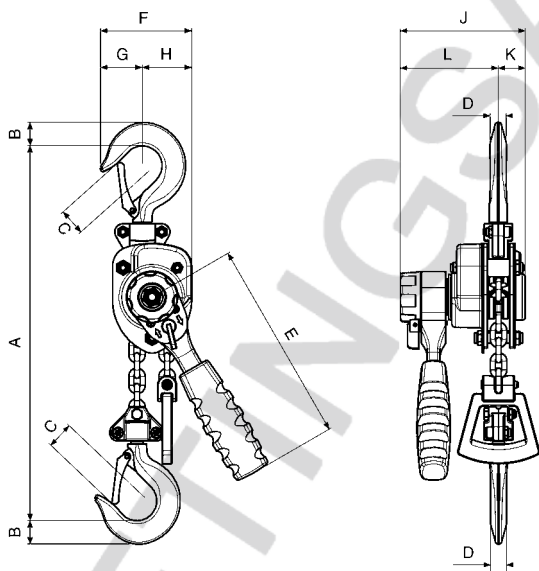
**CM hoisting equipment is not designed for lifting people!**

Specifications

Model	EAN-No. 4025092*	Capacity kg	Number of chain falls	Chain dimensions d x p mm	Lift with one full lever turn mm	Pull on hard chain at WLL daN	Net weight at std. lift (3 m) kg
CM Minilift 250	*033039	250	1	4 x 12	80	25	2,2
CM Minilift 500	*038775	500	1	4 x 12	40	25	2,8

Dimensions

Model	CM Minilift 250	CM Minilift 500
A min., mm	240	282
B, mm	20	17
C, mm	21	24
D, mm	14	12
E, mm	160	160
F, mm	72	104
G, mm	33	38
H, mm	39	66
J, mm	98	116
K, mm	21	36
I, mm	77	80



CM Minilift

## CM Buffalo

### ratchet lever hoist with hook suspension

Capacity 800-6300 kg

The CM Buffalo is a robust and versatile tool for everyday use.

#### Features

- | Easy handling due to stamped steel housing with low weight.
- | Smooth running free chaining device as standard.
- | Smooth and corrosion free operation due to zinc plated chain.
- | A low operating effort and rubber handle grip provide increased efficiency.
- | Forged suspension and load hooks, manufactured from non-aging, high alloy tempering steel, yield under overload instead of breaking.

#### Option

- | Overload prevention device.



## INFO

**Overloading and improper use can result in injury!**

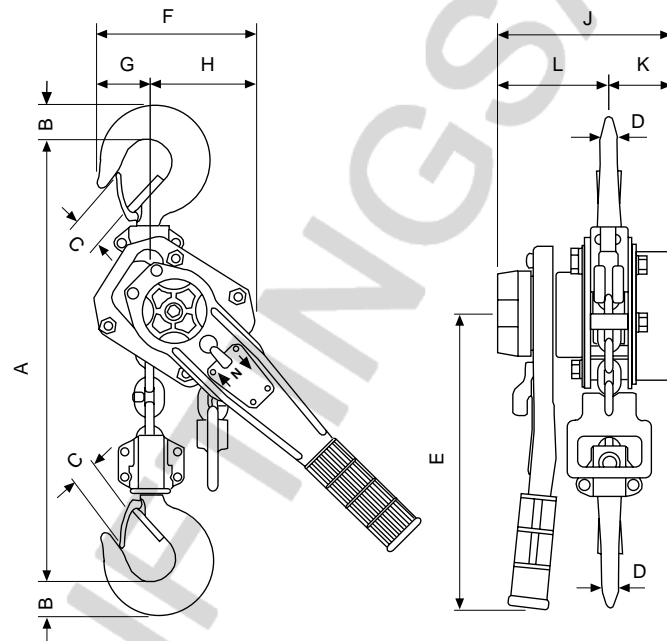
**CM hoisting equipment is not designed for lifting people!**

**Specifications**

Model	EAN-No. 4025092*	Capacity kg	Number of chain falls	Chain dimensions d x p mm	Lift with one full lever turn mm	Pull on hard chain at WLL daN	Net weight at std. lift (3 m) kg
CM Buffalo 800	*040662	800	1	5,6 x 17,1	24	26	5,5
CM Buffalo 1600	*040709	1.600	1	7,1 x 21,2	23	30	9,6
CM Buffalo 3200	*040747	3.200	1	9 x 27,2	16	38	16,0
CM Buffalo 6300	*040778	6.300	2	9 x 27,2	8	39	31,0

**Dimensions**

Model	CM Buffalo 800	CM Buffalo 1600	CM Buffalo 3200	CM Buffalo 6300
A min., mm	290	330	430	580
B, mm	21	27	36	53
C, mm	24	31	35	46
D, mm	13	20	24	43
E, mm	235	370	370	3750
F, mm	120	138	177	259
G, mm	38	41	53	85
H, mm	82	97	124	174
J, mm	142	163	185	185
K, mm	52	65	83	83
L, mm	90	98	102	102



CM Buffalo

## CM Alulift ratchet lever hoist with hook suspension

Capacity 750-3000 kg

The compact, low weight and enclosed housing design makes the CM Alulift hoist an ideal tool for many applications.

### Features

- | Easy handling - only low handle pull at WLL.
- | Totally closed housing. Low weight due to housing hand lever and hand wheel made from high quality aluminium.
- | Smooth running free chaining device as standard.
- | Operation with little effort based on precise needle bearings.
- | Long lifetime and smooth running of the chain due to a special integral chain guide.



### INFO

**Overloading and improper use can result in injury!**

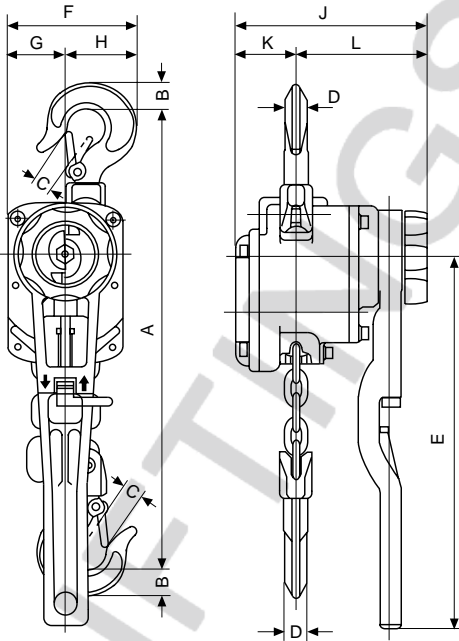
**CM hoisting equipment is not designed for lifting people!**

## Specifications

Model	EAN-No. 4025092*	Capacity kg	Number of chain falls	Chain dimensions d x p mm	Lift with one full lever turn mm	Pull on hard chain at WLL daN	Net weight at std. lift (3 m) kg
CM Alulift 750	*040440	750	1	6,3 x 19,1	30	16	6,4
CM Alulift 1000	*040525	1.000	1	6,3 x 19,1	30	22	6,6
CM Alulift 1500	*040563	1.500	1	7,1 x 21,2	16	18	10,0
CM Alulift 3000	*040600	3.000	1	10 x 30,2	14	28	18,0

## Dimensions

Model	CM Alulift 750	CM Alulift 1000	CM Alulift 1500	CM Alulift 3000
A min., mm	315	325	380	455
B, mm	20	23	27	36
C, mm	22	23	26	33
D, mm	14	16	20	24
E, mm	300	300	300	400
F, mm	106	109	138	168
G, mm	47	47	60	75
H, mm	59	62	78	93
J, mm	154	154	177	212
K, mm	49	49	74	94
l, mm	105	105	103	118



CM Alulift

## CM Allstar ratchet lever hoist with hook suspension

Capacity 750-3000 kg

The CM Allstar is an ideal tool for construction and industrial applications due to its short handle and minimal lever pull effort. It can be used for pulling, stretching and hoisting in confined spaces.

### Features

- | High durability and light weight due to impact resistant, stamped steel frame, gear case and cover.
- | Positive load control and positioning due to Weston type braking system.
- | Quick attachment of the load as the free chaining device can be operated one-handed.
- | Added corrosion protection resulting from powder coated frame.
- | Increased safety based on the double pawl arrangement and the two chain guide rollers.
- | Increased operator comfort and safe hold due to rubber handle grip.
- | Rapid installation and service is possible because no special tools are required.



### INFO

**Overloading and improper use can result in injury!**

**CM hoisting equipment is not designed for lifting people!**

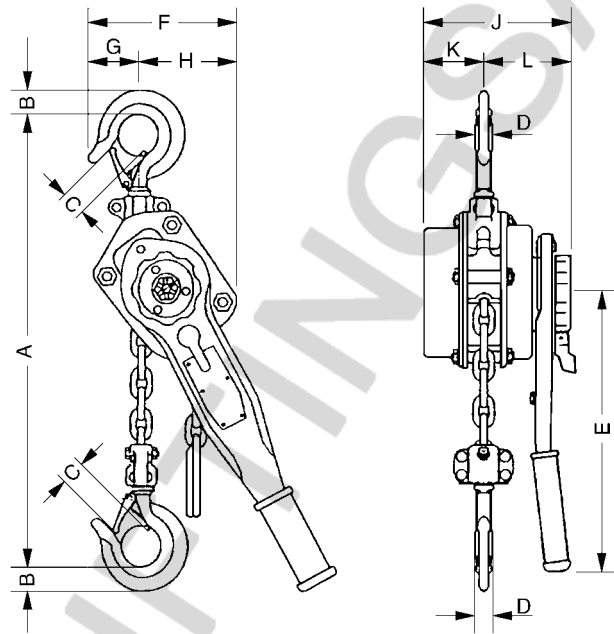


**Specifications**

Model	EAN-No. 4025092*	Capacity kg	Number of chain falls	Chain dimensions d x p mm	Pull on hard chain at WLL daN	Net weight at std. lift (3 m) kg
CM Allstar 750	*039680	750	1	6 x 18-T(8)	15	7
CM Allstar 1500	*039703	1.500	1	8 x 24-T(8)	23	11
CM Allstar 3000	*039727	3.000	1	10 x 30-T(8)	35	21

**Dimensions**

Model	CM Allstar 750	CM Allstar 1500	CM Allstar 3000
A, mm	321	360	475
B, mm	24	29	46
C, mm	29	32	40
D, mm	18	21	32
E, mm	279	413	413
F, mm	111	111	191
G, mm	56	60	86
H, mm	56	60	106
J, mm	151	175	200
K, mm	60	76	86
l, mm	90	100	116



CM Allstar

## CM Cable Puller

Capacity 800-3200 daN

The CM Cable Puller can be applied in horizontal and vertical working positions. The excellent strength to weight ratio makes it a versatile tool for many applications.

### Features

- | The puller is designed with a parallel jaw mechanism to optimise the rope and jaw lifetime.
- | Safety against overload is provided by a shear pin which can be replaced under load if required. Spare pins included.
- | Ease of operation is aided by a wide base design and large rope advance ratio.
- | Cleaning is easy via the top of the unit. Simply flush the CM Cable Puller with water and apply motor oil for lubrication.
- | Easy handling due to small dimensions and low weight.
- | Special flexible wire rope with six strands: one end tapered for easy reeving, the other fitted with an eye hook.

### Option

- | Clevis hook with safety latch.



## INFO

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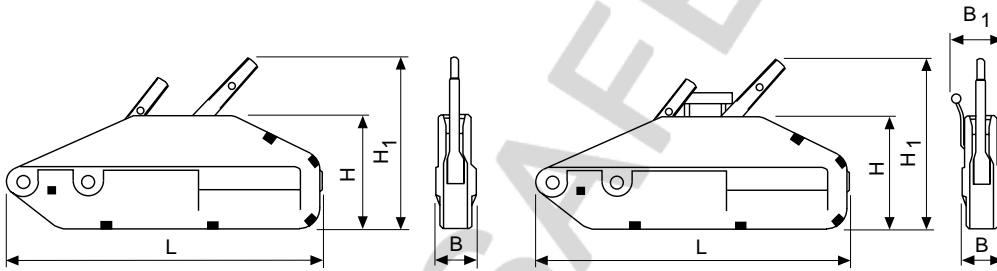
**CM hoisting equipment is not designed for lifting people!**

**Specifications**

Model	EAN-No. 4025092*	Capacity (WLL) kg	Rope advance per double stroke mm	Lever pull at WLL kg	Lever length mm	Rope diameter mm	Weight without rope kg	Rope weight kg/m
CM Cable Puller 800	*042208	800	60	24	800	8,4	7	0,29
CM Cable Puller 1600	*042246	1.600	60	30	790/1190	11,5	14	0,53
CM Cable Puller 3200	*042284	3.200	40	50	790/1190	16,0	21	1,00

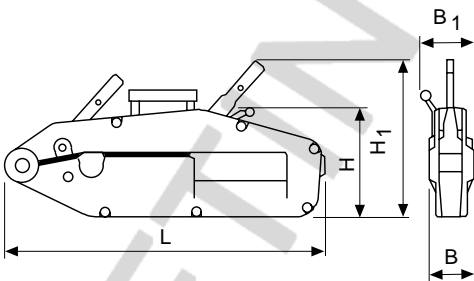
**Dimensions**

Model	CM Cable Puller 800	CM Cable Puller 1600	CM Cable Puller 3200
L, mm	430	545	680
H, mm	168	190	230
H1, mm	240	270	330
B, mm	60	72	91
B1, mm	-	97	110



CM Cable Puller 800

CM Cable Puller 1600



CM Cable Puller 3200

## CM E-Winch electric wire rope winch

Pulling force 250-1000 kg

The CM E-Winch is designed as a multipurpose industrial winch and is suited to many applications.

Standard operating voltage:  
400/230V, 3-phases, 50Hz - Euro-voltage.

Plain rope drum standard.

### Features

- | Compact dimensions due to internal brake motor.
- | Smoothness of operation and low noise results from a combination of conventional and helical gearing. Whilst a grease lubricant means the winch can be used in any orientation.
- | A fail safe brake means that the load is held even in the event of a power failure.
- | Low voltage control (42V).
- | The rope life is extended because it terminates to the drum in a special recess allowing multiple layering.
- | Integrated emergency stop.

### Option

- | Secure protection against overloading due to adjustable slip clutch (standard for 1000 kg capacity).
- | Control by means of pendant control including control switch with emergency stop and 2 m long control cable.
- | Different drum designs, e. g. extended to accommodate longer rope, machined grooves for exact reeling, with separation web and 2nd rope outlet for working with two ropes, traversing operation.
- | Gearbox end switches to limit rope motion in both directions.
- | Single-phase A. C. motor 230V, 50Hz, for mobile application of the winch.
- | Slack rope switch to automatically stop the winch when rope tension eases e.g. when the load touches down.
- | Frequency converter for stepless speed control.



## INFO

**Overloading and improper use can result in injury!**

**CM hoisting equipment is not designed for lifting people!**

**Available in corrosion proof version on request.**

**When selecting the length of the rope please bear in mind that a minimum of 2,5 windings have to remain on the drum (approx. 1 m rope).**

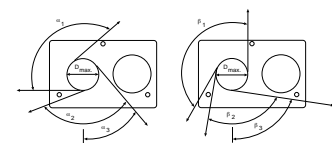
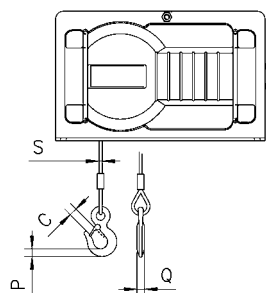
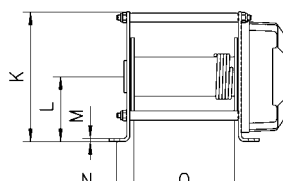
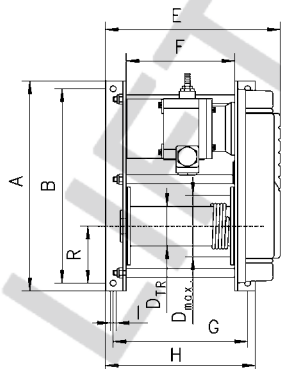
**Specifications**

Model	EAN-No. 4025092*	Pulling force daN	Lifting speed* m/min	Rope diameter mm	Motor performance kW	ED at 120 c/h %	Useable rope length in the 1 <sup>st</sup> layer m	Useable rope length in the 2 <sup>nd</sup> layer m	Useable rope length in the 3 <sup>rd</sup> layer m	Useable rope length in the 4 <sup>th</sup> layer m	Weight without rope kg
CM E-Winch 250	*044264	250	13,0	4	0,55	40	11,2	24,4	38,8	54,5	31,8
CM E-Winch 500-6	*044301	500	6,5	6	0,55	40	7,0	16,4	27,0	38,8	32,8
CM E-Winch 500-12	*044349	500	12,0	6	1,1	40	11,0	24,9	39,7	55,4	41,0
CM E-Winch 990	*044363	990	6,0	8	1,1	40	10,2	23,0	37,4	-	76,0
CM E-Winch 1000**	*044400	1.000	6,0	8	1,1	40	10,2	23,0	37,4	-	76,9

\* In the upper rope layer  
\*\* With slip clutch

**Dimensions**

Model	CM E-Winch 250	CM E-Winch 500-6	CM E-Winch 500-12	CM E-Winch 990	CM E-Winch 1000
A, mm	405	405	405	525	525
B, mm	375	375	375	485	485
C, mm	18	18	18	25	25
DTR, mm	76	76	76	108	108
Dmax, mm	104	118	118	148	148
DA, mm	150	150	150	180	180
E, mm	336	336	426	465	465
F, mm	210	210	300	270	270
G, mm	260	260	350	345	345
H, mm	290	290	380	380	380
I, mm	11	11	11	13	13
K, mm	250	250	250	340	340
l, mm	125	125	125	170	170
M, mm	6	6	6	10	10
N, mm	33	33	33	48	48
O, mm	194	194	284	250	250
P, mm	19	19	19	24	24
Q, mm	13	13	13	19	19
R, mm	125	125	125	170	170
S, mm	4	6	6	8	8
α1	130°	130°	130°	145°	145°
α2	110°	110°	110°	125°	125°
α3	40°	40°	40°	50°	50°
β1	150°	150°	150°	155°	155°
β2	90°	90°	90°	100°	100°
β3	80°	80°	80°	83°	83°



Rope lead-off

## CM V-Clamp

### plate clamp for vertical transport

Capacity 500-6000 kg

The CM V-Clamp is used for transporting single steel sheet or plate, constructions or profiles in the vertical position. The design allows the load to be turned through 180°. For long loads a pair of clamps and a spreader beam should be used.

#### Features

- | A special safety lock forms part of the clamping mechanism preventing the clamp from opening even in a no load condition.
- | Simple and quick to maintain.
- | The clever design and wide jaw capacity makes the clamp suitable for a range of applications.
- | For use in any application; the minimum load and the surface condition has to be considered.



#### INFO

**Overloading and improper use can result in injury!**

**CM hoisting equipment is not designed for lifting people!**

**The plate surface of the material must have a hardness level below HRC 30/Brinell 300!**

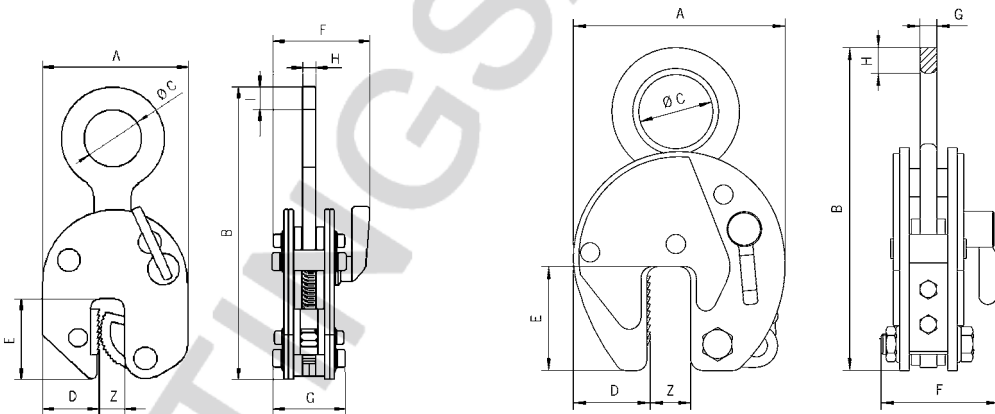
**The min. load is 10% of the named capacity.**

**Specifications**

Model	EAN-No. 4025092*	Capacity kg	Jaw capacity Z mm	Weight kg
CM V-Clamp 500	*052283	500	0 - 16	1,5
CM V-Clamp 1500	*052306	1.500	0 - 20	3,0
CM V-Clamp 2000	*052313	2.000	0 - 32	8,0
CM V-Clamp 3000	*052320	3.000	0 - 32	10,0
CM V-Clamp 4000 S	*052337	4.000	0 - 32	11,2
CM V-Clamp 4000 L	*052368	4.000	30 - 60	11,9
CM V-Clamp 6000 S	*052382	6.000	0 - 50	20,6
CM V-Clamp 6000 L	*052405	6.000	50 - 100	23,2

**Dimensions**

Model	CM V-Clamp 500	CM V-Clamp 1500	CM V-Clamp 2000	CM V-Clamp 3000	CM V-Clamp 4000 S	CM V-Clamp 4000 L	CM V-Clamp 6000 S	CM V-Clamp 6000 L
A, mm	99	126	192	192	197	228	293	362
B, mm	195	225	312	312	339	339	442	482
Ø C, mm	29	50	80	80	80	80	89	89
D, mm	33	49	75	75	68	68	95	114
E, mm	47	70	96	96	93	100	143	143
F, mm	50	82	100	100	110	110	129	129
G, mm	48	55	81	81	20	20	20	20
H, mm	11	12	20	30	32	32	35	35
I, mm	16	20	24	24	-	-	-	-



CM V-Clamp

CM V-Clamp capacity more than 4.000 kg

## CM VH-Clamp

plate clamp for vertical and horizontal transport

Capacity 1000-6000 kg

The CM VH-Clamp is a versatile tool with pivoting shackle. Loads can be lifted from the horizontal, put down from the vertical, or lifted over the edge by gripping the load from the side.

### Features

- | High gripping pressure due to the pivoting shackle.
- | Increased safety as the pivoting shackle ensures an adequate gripping pressure, even when pulling diagonally (e.g. in two legged lifting system).
- | Simple and quick to maintain.
- | The clever design and wide jaw capacity makes the clamp suitable for a range of applications.
- | For use in any application; the minimum load and the surface condition has to be considered.



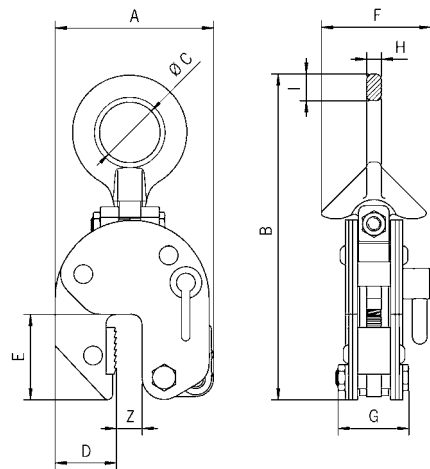
### INFO

**Overloading and improper use can result in injury!**

**CM hoisting equipment is not designed for lifting people!**

**The plate surface of the material must have a hardness level below HRC 30/Brinell 300!**

**The min. load is 10% of the named capacity.**



CM VH-Clamp

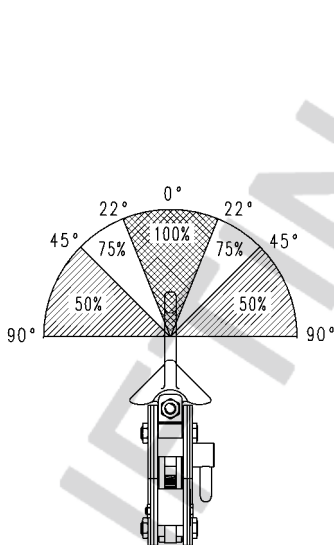


**Specifications**

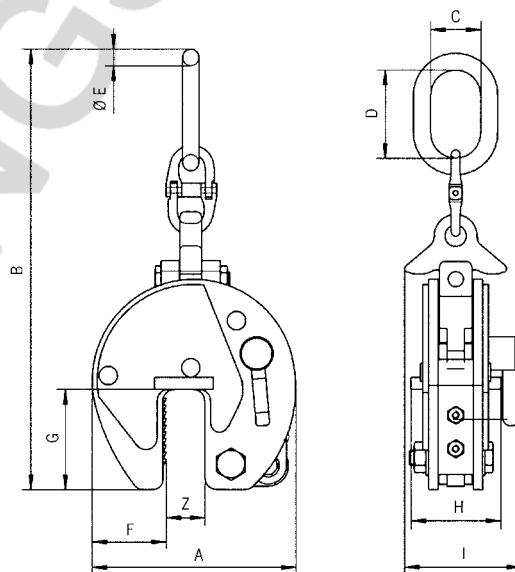
Model	EAN-No. 4025092*	Capacity kg	Jaw capacity Z mm	Weight kg
CM VH-Clamp 1000	*052429	1.000	0 - 20	4,6
CM VH-Clamp 2000	*052528	2.000	0 - 32	13,0
CM VH-Clamp 3000	*052535	3.000	0 - 32	13,5
CM VH-Clamp 4500	*052542	4.500	0 - 50	34,4
CM VH-Clamp 6000 S	*052900	6.000	0 - 50	38,0
CM VH-Clamp 6000 L	*052917	6.000	50 - 100	42,0

**Dimensions**

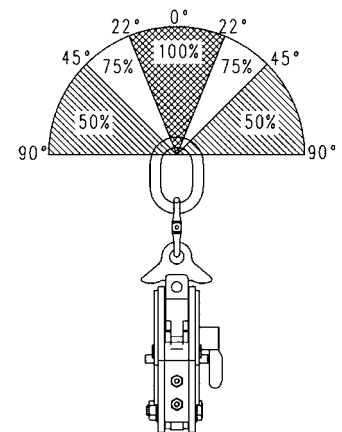
Model	CM VH-Clamp 1000	CM VH-Clamp 2000	CM VH-Clamp 3000	CM VH-Clamp 4500	CM VH-Clamp 6000 S	CM VH-Clamp 6000 L
A, mm	126	192	192	292	292	367
B, mm	270	382	382	675	737	785
Ø C, mm	50	80	80	-	-	-
D, mm	49	75	75	180	176	180
E, mm	70	96	96	-	-	-
F, mm	95	132	132	95	95	115
G, mm	63	92	92	143	143	143
H, mm	12	20	20	135	137	135
I, mm	23	30	30	185	188	188
C, mm	-	-	-	90	95	98
Ø E, mm	-	-	-	28	28	28



CM VH-Clamp diagram of forces for safe handling



CM VH-Clamp following capacity 4.500 kg



CM VH-Clamp diagram of forces from capacity 4.500 kg

## CM V-Grab

### universal grab for vertical transport

Capacity 350-5000 kg

The CM V-Grab is ideal for a variety of applications in general steel fabrication industries.

#### Features

- | An automatic clamping force is maintained by a positive tension spring - even if the chain is slack.
- | The jaw mechanism can be quickly and easily opened.
- | The CM-V has an integral chain and hook ring so additional lifting components are not required between the hoist and clamp.
- | Up to model CM V-Grab 2000 round chains, following model CM V-Grab 3000 with flyer chains.

#### Option

- | Protective lining for models up to 1250 kg. However, in this case the jaw capacity decreases by 10 mm.



## INFO

**Overloading and improper use can result in injury!**

**CM hoisting equipment is not designed for lifting people!**

**The plate surface of the material must have a hardness level below HRC 30/Brinell 300!**

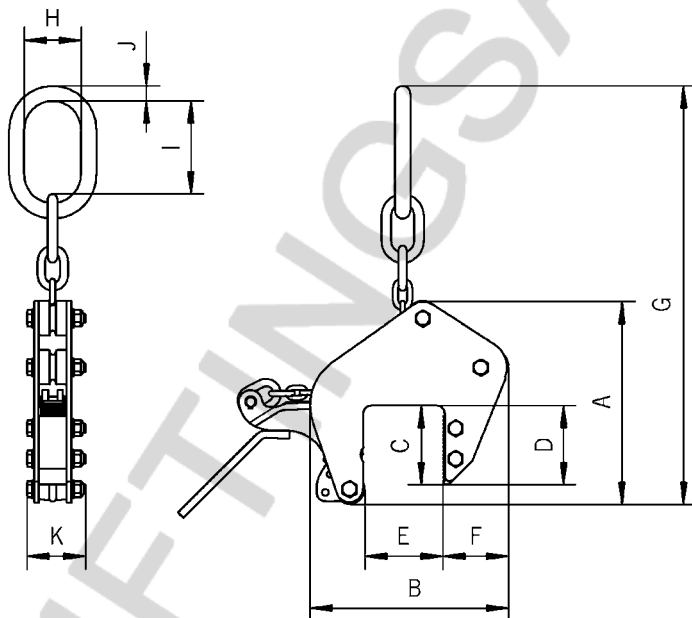
**The min. load is 10% of the named capacity.**

**Specifications**

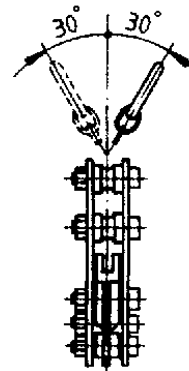
Model	EAN-No. 4025092*	Capacity kg	Jaw width mm	Weight kg
CM V-Grab 0,35/100	*053464	350	0 - 100	8,7
CM V-Grab 0,75/100	*053587	750	0 - 100	8,6
CM V-Grab 1,25/100	*053594	1.250	0 - 100	14,9
CM V-Grab 2,0/100	*053600	2.000	0 - 100	20,8
CM V-Grab 3,0/90	*053617	3.000	5 - 90	26,5
CM V-Grab 5,0/90	*053624	5.000	5 - 90	30,5

**Dimensions**

Model	CM V-Grab 0,35/100	CM V-Grab 0,75/100	CM V-Grab 1,25/100	CM V-Grab 2,0/100	CM V-Grab 3,0/90	CM V-Grab 5,0/90
A, mm	264	264	320	328	297	297
B, mm	259	259	289	415	290	290
C, mm	128	128	128	135	136	136
D, mm	100	100	100	115	106	106
E, mm	100	100	100	100	90	90
F, mm	85	85	85	105	91	91
G, mm	550	550	570	571	570	570
H, mm	75	75	75	75	82	82
I, mm	121	121	121	121	111	111
J, mm	20	20	20	20	32	32
K, mm	78	83	83	105	137	147



CM V-Grab



Allowed oblique lift  
CM V-Grab 350 up to CM V-Grab 2000

## CM U-Clamp

screw clamp for vertical and horizontal transport

Capacity 750-5000 kg

The CM U-Clamp can be used for lifting, turning and pulling of various work pieces such as e.g. girders, steelplates or steel constructions.

### Features

- | The spindle is used to tighten the clamp handtight to the load.
- | Under load, a pivoting pad produces a wedging action holding the load securely.



### INFO

**Overloading and improper use can result in injury!**

**CM hoisting equipment is not designed for lifting people!**

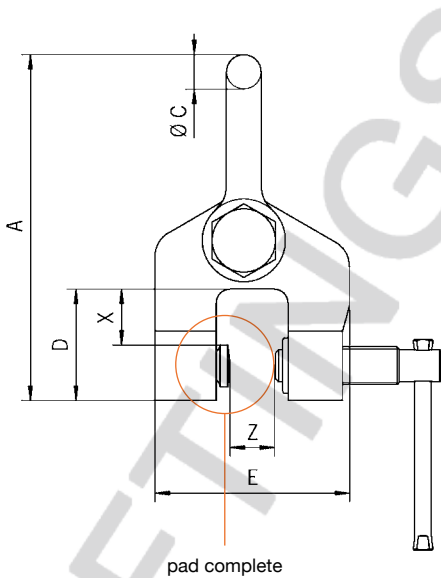
**The plate surface of the material must not exceed a hardness level of HRC 50.**

Specifications

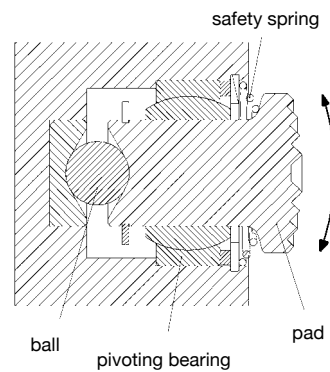
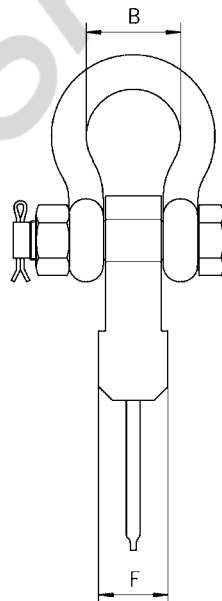
Model	EAN-No. 4025092*	Capacity kg	Jaw capacity Z mm	Weight kg
CM U-Clamp 750	*053631	750	0 - 30	3,1
CM U-Clamp 1500	*053648	1.500	0 - 32	7,4
CM U-Clamp 3000	*053655	3.000	0 - 50	11,4
CM U-Clamp 5000	*053662	5.000	0 - 80	27,6

Dimensions

Model	CM U-Clamp 750	CM U-Clamp 1500	CM U-Clamp 3000	CM U-Clamp 5000
A, mm	190	255	290	470
B, mm	52	65	74	130
Ø C, mm	19	26	30	50
D, mm	43	75	85	135
E, mm	113	130	170	225
F, mm	35	44	50	72
X, mm	15	40	40	50



CM U-Clamp



Function

## CM H-Clamp

horizontal lifting clamp set  
for use with a two part sling

Capacity 1000-10000 kg

The CM H-Clamp is especially suited for the horizontal transport of single plates with a minimum thickness of approx. 5 mm but also for plate bundles.

### Features

- | The CM H-Clamp is used in pairs in conjunction with a two-legged chain.
- | Short plates can be lifted with one two-legged sling. Longer plates must be lifted with 2 two-legged slings in connection with a spreader beam.

### Option

- | For plates bigger than 1500 mm, longer chains available.



## INFO

**Overloading and improper use can result in injury!**

**CM hoisting equipment is not designed for lifting people!**

**The working load limit applies to a pair of lifting clamps.**

**Specifications**

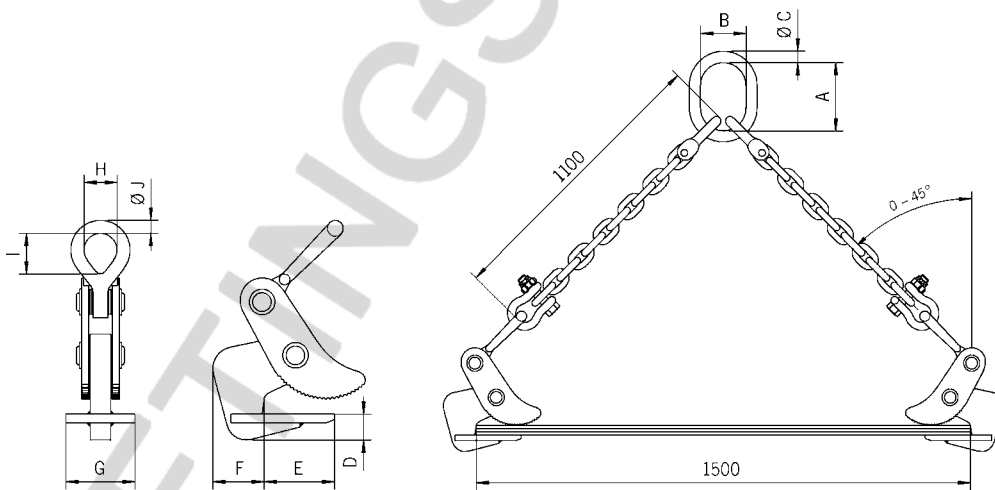
Model	EAN-No. 4025092*	Capacity* kg	Jaw capacity Z mm	Weight** kg
CM H-Clamp 1000	*053679	1.000	0 - 50	13,0
CM H-Clamp 2000	*053686	2.000	5 - 32	17,7
CM H-Clamp 4000	*053693	4.000	5 - 50	31,0
CM H-Clamp 6000	*053709	6.000	5 - 75	69,0
CM H-Clamp 8000	*053716	8.000	5 - 75	51,0
CM H-Clamp 10000 S	*053723	10.000	5 - 100	93,8
CM H-Clamp 10000 L	*053730	10.000	50 - 150	108,6

\* Per pair by an angle up to 45°

\*\* Weight for two single clamps/with chain  
EAN-No. for one pair

**Dimensions**

Model	CM H-Clamp 1000	CM H-Clamp 2000	CM H-Clamp 4000	CM H-Clamp 6000	CM H-Clamp 8000	CM H-Clamp 10000 S	CM H-Clamp 10000 L
A, mm	135	160	180	200	260	300	300
B, mm	75	90	100	110	140	160	160
Ø C, mm	18	22	26	32	36	40	40
D, mm	15	32	44	58	56	70	66
E, mm	82	83	114	172	170	216	218
F, mm	65	61	75	97	100	116	116
G, mm	100	100	99	129	128	149	150
H, mm	32	49	62	90	90	113	113
I, mm	44	72	89	127	130	113	113
Ø J, mm	13	19	26	36	37	50	50



CM H-Clamp

## CM Bison

### Steel jack

Capacity 1500-10000 kg

The CM Bison can be used to brace and support loads. The load is carried either on the head or the claw of the jack. Carrying handles are provided for positioning.

A ratchet mechanism design is employed to keep operator effort to a minimum and provide accurate positioning.

#### Features

- | The load is held securely in any position by the brake.
- | The self locking, tiltable handle design ensures safe and ergonomic operation.
- | Minimum effort on the basis of a precisely machined gear box with optimal gear ration.
- | Stability is provided by a large base.



#### INFO

**Overloading and improper use can result in injury!**

**CM hoisting equipment is not designed for lifting people!**

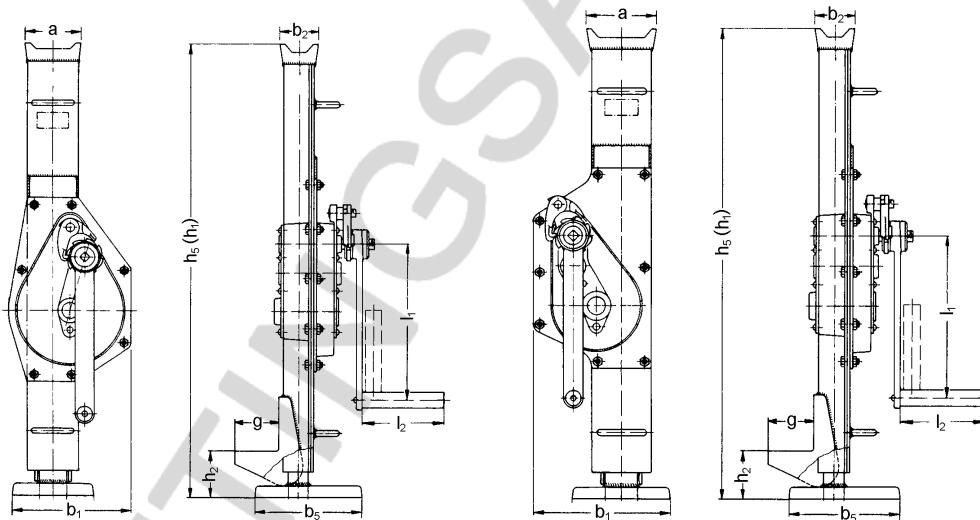


**Specifications**

Model	EAN-No. 4025092*	Capacity kg	Max. lifting height mm	Effort at WLL daN	Net weight kg
CM Bison 1500	*040082	1.500	1.085	28	17
CM Bison 3000	*040105	3.000	1.095	28	20
CM Bison 5000	*040129	5.000	1.080	28	27
CM Bison 10000	*040143	10.000	1.210	56	43

**Dimensions**

Model	CM Bison 1500	CM Bison 3000	CM Bison 5000	CM Bison 10000
A, mm	76	83	108	124
B1, mm	164	200	190	252
B2, mm	38	38	52	65
b5, mm	140	140	170	170
G, mm	55	65	71	86
h1, mm	360	360	350	410
h2, mm	70	70	80	85
h5, mm	725	735	730	800
L1, mm	225	249	275	300
L2, mm	113	128	128	250



CM Bison 1500 - 5000

CM Bison 10000

## CM Load Mover

### heavy duty professional load moving skate system

Capacity 5-100 t

Designed for moving loads with total ease of operation and maximum safety for the operator.

#### Features

- | Steerable front section and a pair of rear trolleys.
- | Most models utilise a cast design which ensures optimum mechanical properties and provides immense strength and toughness.
- | Extremely low rolling resistance means that the system is highly manoeuvrable even in confined spaces.
- | The three point loading system ensures a safe and stable configuration eliminating the risk of one skate rolling out from below the load. This design also ensures that loads are not carried on a reduced number of wheels when travelling on uneven floors.
- | The turntable is manufactured from special cast nylon material to give an optimum strength to weight ratio. Large diameter thrust bearings enable the turntable to swivel effortlessly while the special turntable material ensures both anti-slip properties and greater impact resistance.



#### Specifications

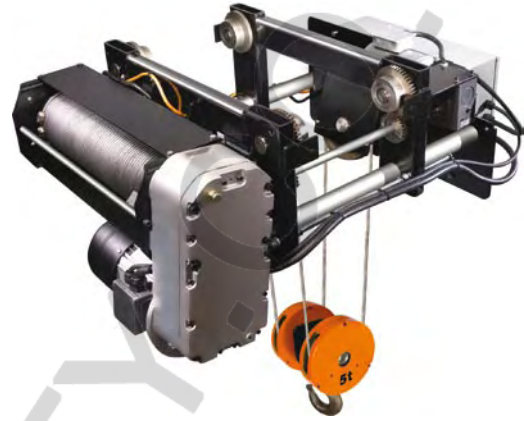
Model	EAN-No. 4025092*	Capacity kg	Overall height mm	Wheel diameter mm	Colour of rollers	Total weight (3 parts) kg
CM Load Mover 5	*053747	5.000	102	82	blue	38
CM Load Mover 10	*053754	10.000	102	82	black	54
CM Load Mover 20	*053815	20.000	102	82	black	76
CM Load Mover 30	*053822	30.000	110	82	black	136
CM Load Mover 60	*053921	60.000	170	115	black	302
CM Load Mover 100	*053952	100.000	210	150	black	525

## CM Engineered products

Providing solutions  
to demanding lifting problems

### Global King

Wire rope hoist



### ELM

Ultra low headroom electric chain hoist



### Zephyr

Ultra low headroom manual chain hoist  
for tight radii



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