Yale VS III

Hand chain hoist

COLUMBUS McKINNON

Yale *VS III*

The Yale hand chain hoist model VS*III* combines all the features, expected by the user:
- Quality, Safety and Performance - at a favourable price.

Extremely low overall height allows optimal use of available headroom. Fully enclosed stamped steel housing allows also outdoor use. The hooks are equipped with robust safety latches and can rotate 360°.

Having long years of experience with this solid product, we decided to extend the VSIII series by the load capacities 10t, 20t, 30t and 50t. Hereby we attach great importance to quality and safety, in combination with a balanced price/performance ratio.

CAPACITY 250 - 5000 kg

FINISH DETAILS

- Strong bolts between side plates and housing cover and the reinforced hand wheel cover ensure increased stability.
- Precision machined guide rollers ensure smooth running of the load chain.
- High quality bearings for gearbox, side plates and load chain sheave permit a long service life.
- Zinc-plated and yellow-chromated brake parts and guide rollers ensure increased corrosion protection.
- Zinc-plated load chain as standard for added corrosion protection.

OPTIONAL

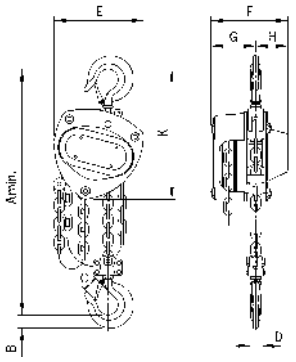
- Overload protection device (from 500 kg available)
- Chain container

Technical data model VS*III*

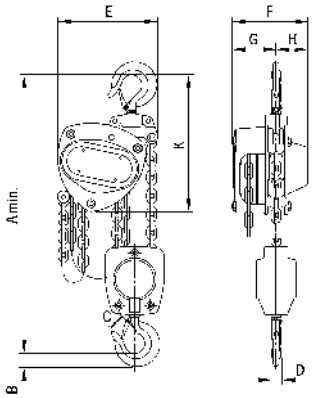
Model	EAN-No. 4025092*	Capacity in kg/ number of chain falls	Chain dimensions d x p mm	Lift per 1 m hand chain overhaul mm	Handle pull at WLL daN	Weight at standard lift (3 m) kg
VS*III* 0,25/1	*665322	250/1	4 x 12	50	20	3.9
VS*III* 0,5/1	*949545	500/1	5 x 15	26	21	9.0
VS*III* 1,0/1	*949927	1000/1	6 x 18	24	24	11.5
VS*III* 1,5/1	*593854	1500/1	8 x 24	17	30	17.5
VS*III* 2,0/1	*949934	2000/1	8 x 24	19	32	19.0
VS*III* 2,0/2	*949941	2000/2	6 x 18	15	29	17.3
VS*III* 3,0/1	*949958	3000/1	10 x 30	12	40	31.0
VS*III* 3,0/2	*949965	3000/2	8 x 24	10	37	27.0
VS*III* 5,0/2	*949972	5000/2	10 x 30	8	41	43.0

Dimensions model VS*III*

Model	VS*III* 0,25/1	VS*III* 0,5/1	VS*III* 1,0/1	VS*III* 1,5/1	VS*III* 2,0/1	VS*III* 2,0/2	VS*III* 3,0/1	VS*III* 3,0/2	VS*III* 5,0/2
A min., mm	290	350	380	450	460	490	570	580	700
B, mm	12	21	27	33	37	37	46	46	56
C, mm	26	28	32	37	41	41	44	44	50
D, mm	11	16	19	22	27	27	31	31	37
E, mm	118	145	158	180	205	170	240	220	250
F, mm	113	140	155	175	180	155	210	175	190
G, mm	65	80	87	85	94	87	110	94	95
H, mm	48	60	68	90	86	68	100	81	95
K, mm	190	240	270	300	320	285	370	340	410



Model VS*III*, 250 - 3000 kg, single fall



Model VS*III*, 2000 - 5000 kg, double fall

Option: Chain container

Load chain sheave with needle bearing

Side plate with ball bearing

Housing cover with ball bearing

Yale *VS III*

In order to serve all industries (even the paper- or the ship industry), the VS*III* lifts the loads very sensitively, as the components and construction parts have been positioned very precisely.

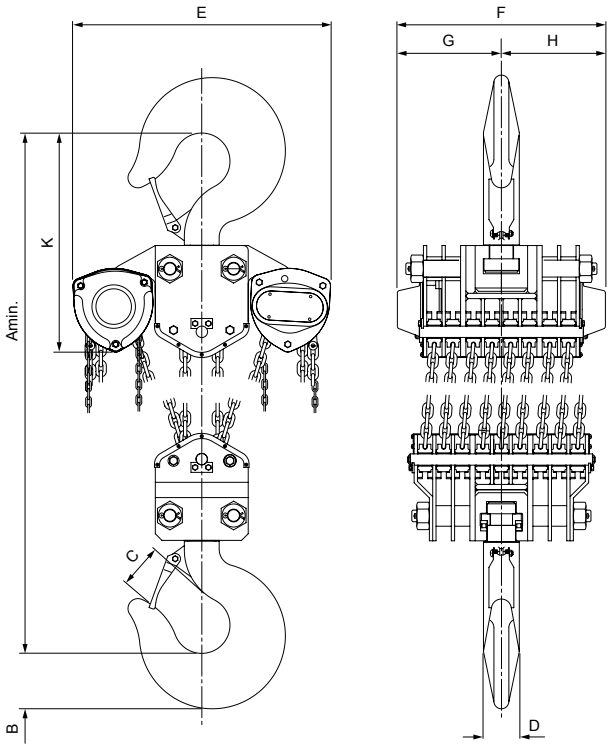
CAPACITY 10000 - 50000 kg

INFO

To avoid bruising or injuries, the chain inlet as well as the top hook connection is covered in protective material.

INFO

The hand chain hoist VS*III* from 10000 kg upwards can be used in combination with trolleys.



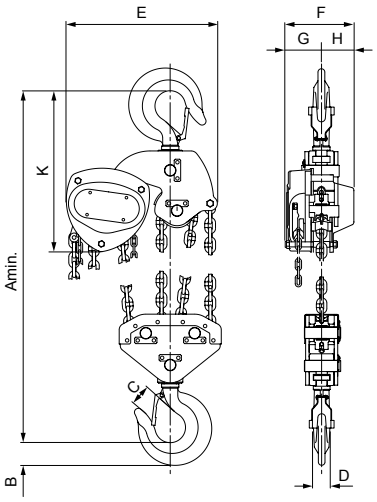
Model VS*III*, 50000 kg, eighteen chain falls

Technical data model VS*III*

Model	EAN-No 4025092* 4053981**	Capacity in kg/ number of chain falls	Chain dimensions d x p mm	Lift per 1 m hand chain overhaul mm	Handle pull at WLL daN	Weight at standard lift (3 m) kg
VS*III* 10/4	**981574	10000/4	10 x 30	2.84	37	78.5
VS*III* 20/8	**981581	20000/8	10 x 30	1.42	44.5	197
VS*III* 30/12	**981598	30000/12	10 x 30	0.83	46.3	268
VS*III* 50/18	**981604	50000/18	10 x 30	0.56	53.6	540

Dimensions model VS*III*

Model	VS*III* 10/4	VS*III* 20/8	VS*III* 30/12	VS*III* 50/18
A min., mm	860	950	1112	1700
B, mm	63	90	90	165
C, mm	65	86	85	135
D, mm	47	69	67	108
E, mm	463	860	704	776
F, mm	104	200	410	627
G, mm	55	100	225	314
H, mm	50	100	186	314
K, mm	448	508	528	656

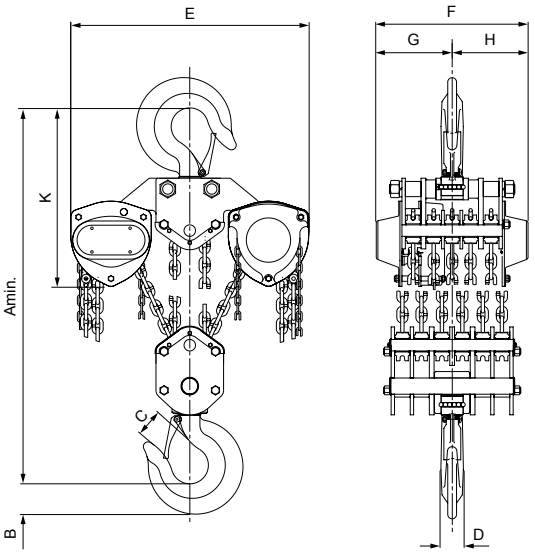


Model VS*III*, 10000 kg, four chain falls

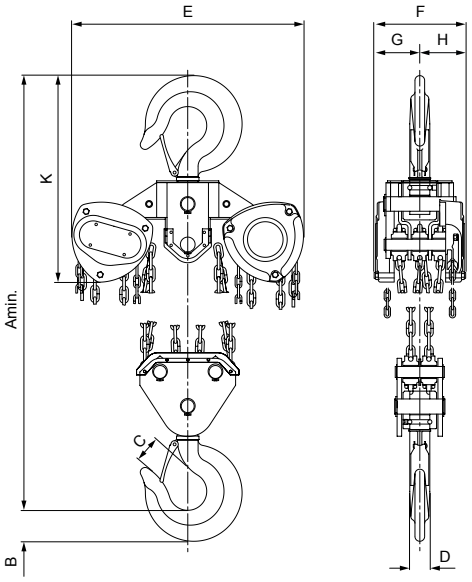
SERIES EXTENSION

NOW WITH HIGH SWL!

10000 - 50000 kg *new!*



Model VS*III*, 30000 kg, twelve chain falls



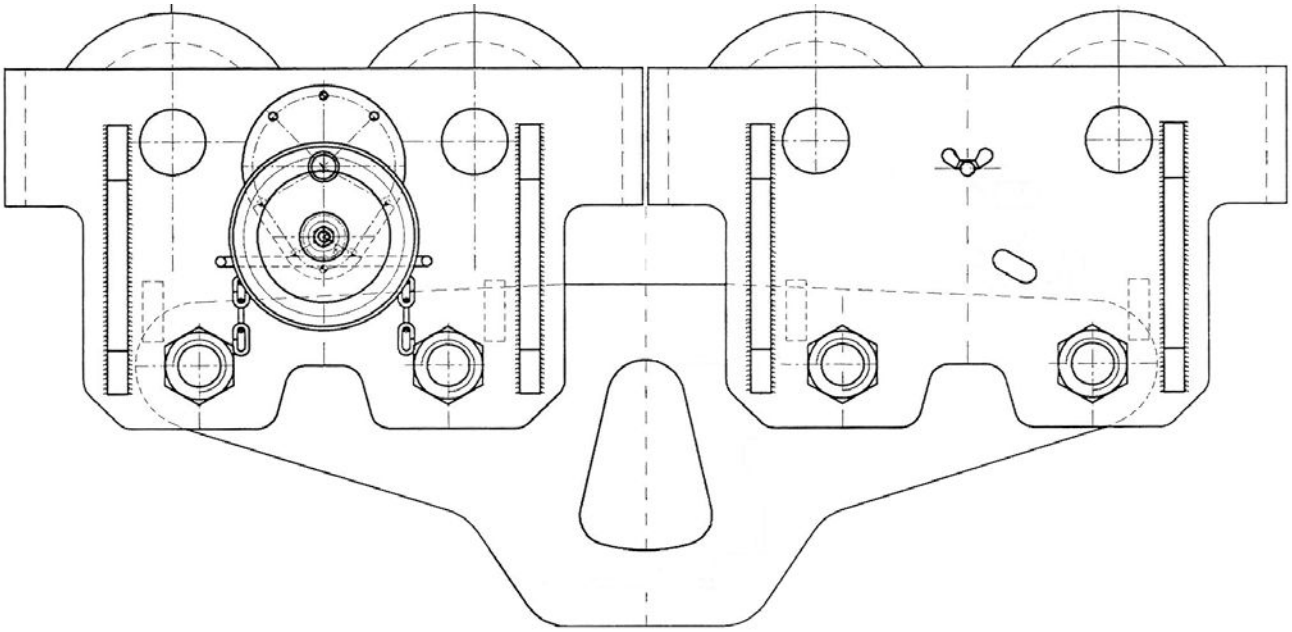
Model VS*III*, 20000 kg, eight chain falls

Geared type trolley

Model HTG

The trolley enables the exact positioning or easy traversing of large loads with either manual or powered hoisting equipment.

CAPACITY 10000 - 50000 kg



FEATURES

- It has excellent rolling features due to machined steel wheels mounted on prelubricated, encapsulated ball bearings.
- Adjustable to fit a wide range of beam widths and profiles (e.g. INP, IPE and IPB).
- The trolley wheels are designed for a max. beam profile incline of 14 % (DIN 1025 - part 1).

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www.cmco.eu

OPTIONAL

- Stainless steel hand chains.
- Buffers

Technical data model HTG

Model	EAN-No. 4025092* 4053981**	Capacity kg	Size	Beam flange width b mm	Beam flange thickness t max. mm	Curve radius min. m	Hand effort at WLL daN	Weight [1] kg
HTG 10000	*074810	10000	B	125 - 310	40	1.8	14	104.0
HTG 20000	*074834	20000	B	125 - 310	40	5.0	29	230.0
HTG 30000	**983035	30000	B	175 - 305	34	1.6	24	248.0
HTG 50000	**983042	50000	B	175 - 305	34	5.1	25	489.0

[1] Weight HTG: without hand cha

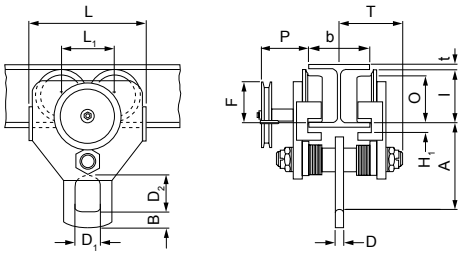
Dimensions model HTG

Modell	HTG 10000-B	HTG 20000-B	HTG 30000-B	HTG 50000-B
A, mm	276	270	261	310
B, mm	52	70	65	100
D, mm	30	35	35	60
D1, mm	80	110	90	125
D2, mm	114	155	125	195
F (HTG), mm	113	113	93	93
H1, mm	45	45	40	40
I (HTG), mm	170	170	224	224
L, mm	430	870	625	1260
L1, mm	200	200	296	296
L2, mm	–	115	164.5	164.5
O, mm	150	150	196	196
P (HTG), mm	163	163	165	165
T, mm	270	270	333	343
L3, mm	536	976	–	–

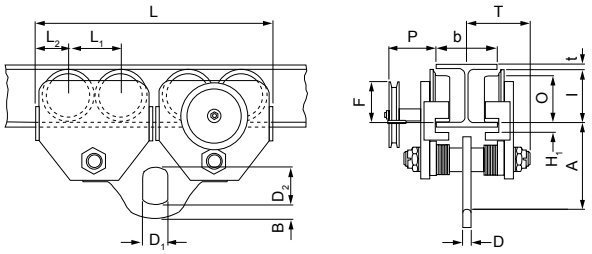
SERIES EXTENSION

NOW WITH HIGH SWL!

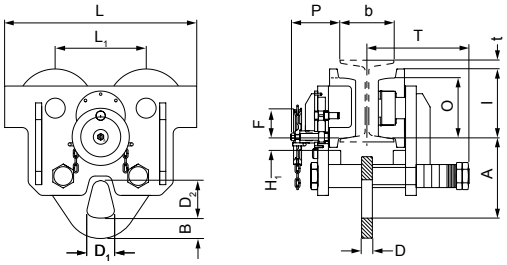
10000 - 50000 kg *new!*



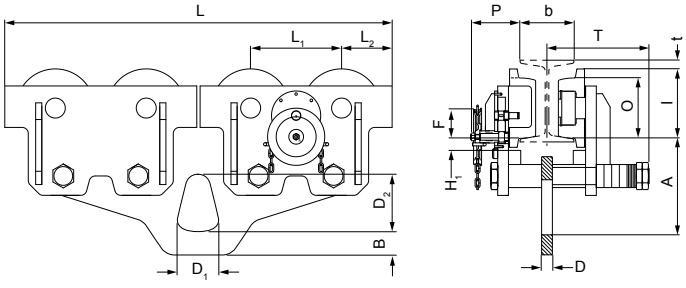
Model HTG, 10000 kg



Model HTG, 20000 kg



Model HTG, 30000 kg



Model HTG, 50000 kg

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