

# MANUAL CHAIN HOIST ATEX MEDIUM

500 KG - 50,000 KG LIFTING CAPACITY



**RED ROOSTER  
LIFTING**

RAISING EXPECTATIONS



## DESIGNED AND MANUFACTURED ACCORDING TO

- EC machinery directive 2006/42/EC
- ATEX Directive 2014/34/EU
- EN13157
- Manufactured in the Netherlands

## STANDARD FEATURES

- Equipment class: EX II 2G EX h IIB T3 Gb
- Equipment class: EX II 2D EX h IIIB T200°C Db
- Impact resistant housing
- Double pawl spring
- Highly accurate and durable gear mechanism
- Double brake enclosure keeping out rainwater and dust
- Mechanical load brake
- Low pulling force on the hand chain
- Nickel plated load chain, grade V (G 100) in acc. with standard EN818-7
- Hand chain electric galvanized
- Surface treatment power coating, colour Munsell 6YR6/14R
- Operation temperature -40°C / +40°C
- Overload protection by slipping clutch

## AVAILABLE OPTIONS

- Equipment class EX II 2G EX h IIC T3 Gb
- Equipment class EX II 2D EX h IIIC T135°C Db
- Temperature class T4 / T135°C will be observed separately for each project
- Special surface protection acc. to ISO 12944.
- Excellent combination with HD3C Explosion protected trolleys
- Canvas chain bag
- 3.1 certificate load test certificate
- Steel or stainless steel container
- Stainless steel 316 load chain and hand chain
- Stainless steel nameplate with tag number

## ATEX PROTECTION

- Equipment is executed with non-sparking materials for fast mechanical contact parts for hand chain movements and internal fast moving hoist parts, extended with unique and reliable bronze coated load hooks.



**ATEX  
EXPLOSION  
PROTECTION**

**RED ROOSTER LIFTING LIMITED**

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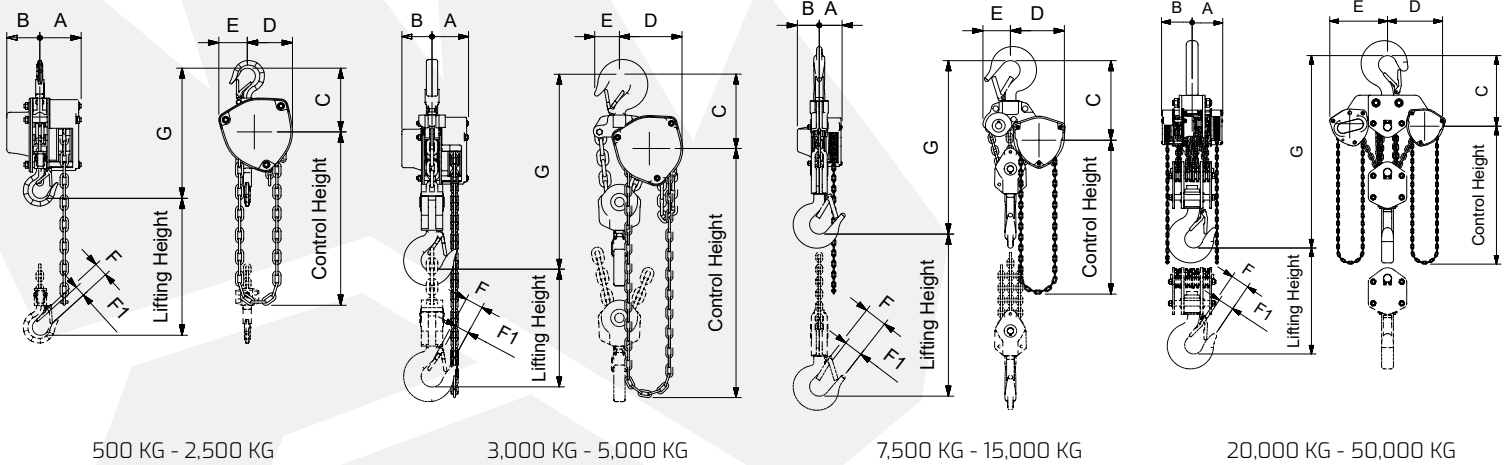


RAISING EXPECTATIONS

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## DIMENSIONS

All measurements are in mm  
Information subject to change without notice



CAPACITY	PUSH MODEL	MODEL	CHAIN FALLS	CHAIN SIZE	MAX PULLING FORCE	WEIGHT 3M HOL	HEADROOM	DIMENSIONS					
								A	B	D	E	F	F1
KG				MM	KG	KG	MM						
500	86812-00500	K005	1	5	24	10	285	89	69	99	62	31,1	27
1,000	86812-01000	K010	1	6,3	29	11,5	295	91	71	99	62	34,6	29
1,500	86812-01500	K015	1	7,1	35	14,5	350	93	78	112	70	38,8	34
2,000	86812-02000	K020	1	8	36	20	375	95	87	125	77	40	36
2,500	86812-02500	K025	1	9	33	27	420	101	91	143	90	42,5	40
3,000	86812-03000	K030	2	7,1	36	24	510	93	78	162	73	46	42,5
5,000	86812-05000	K050	2	9	34	241	600	101	91	194	88	50	46,5
7,500	86812-07500	K075	3	9	35	60	770	101	91	253	120	79,5	72,5
10,000	86812-10000	K100	4	9	36	79	760	81	111	308	130	79,2	72,5
15,000	86812-15000	K150	6	9	37	149	1020	149	119	337	155	94,6	80
20,000	86812-20000	K200	8	9	36 x 2	227	1180	187	187	373	373	95,7	81
30,000	86812-30000	K300	10	9	43 x 2	300	1300	202	202	373	373	118	103
40,000	86812-40000	K400	14	9	43 x 2	467	1480	251	251	380	380	108	96
50,000	86812-50000	K500	16	9	49 x 2	625	1560	272	272	398	398	118	100