HOIST & TROLLEY
ATEX EXPLOSION PROTECTED

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
- Low pulling force on the hand chain
- Surface treatment 2 layer paint system and power coating, colour Munsell 6YR6/14
- Nickel plated load chain, grade V (G 100) in acc. with standard EN818-7
- Load and head chain electric galvanized
- Trolley wheels with life time lubricated bearings
- Wheel break support and anti-tilt device integrated
- Rubber buffers mounted on trolley

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
- 3.1 load test certificate
- Canvas chain bag, steel or stainless steel container
- Solid bronze wheels
- Parking device for parking in unloaded condition
- Stainless steel 316 load chain and hand chain
- Stainless steel nameplate with tag number
- 3.1 material certificate for load bearing parts of the trolley

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

KITO VAN LEUSDEN

HOIST & TROLLEY
ATEX EXPLOSION PROTECTED

RED ROOSTER LIFTING
RAISING EXPECTATIONS

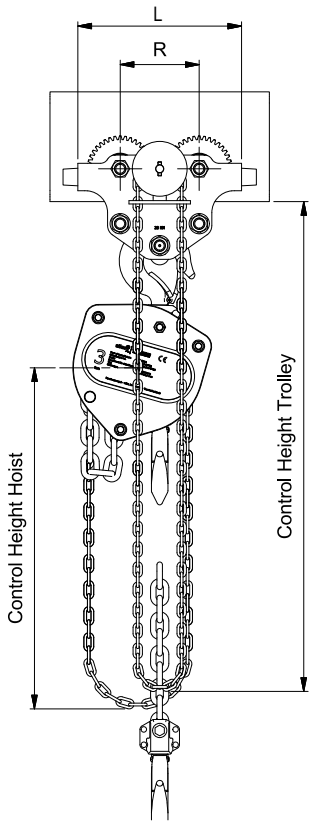
500 KG - 50,000 KG LIFTING CAPACITY

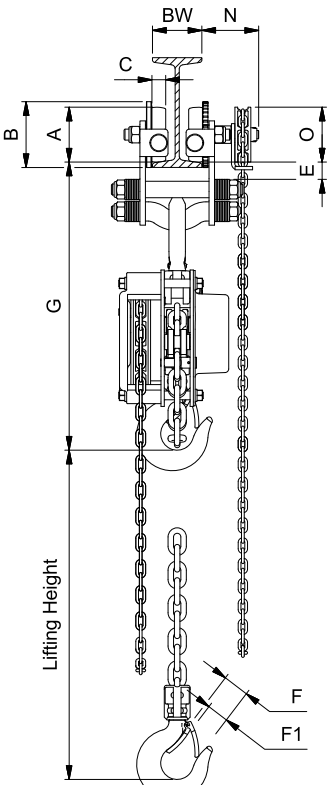
DIMENSIONS

All measurements are in mm
Information subject to change without notice

CAPACITY	PUSH MODEL	GEARED MODEL	CHASSIS	ADJUSTABLE FLANGE RANGE	MINIMUM BEAM RADIUS	CHAIN FALLS	WEIGHT 3M HOL	HEADROOM	DIMENSIONS									
KG			kN	MM	MM		KG	G	AØ	BØ	C	E	F	F1	L	N	OØ	R
500	83820-00600 83820-00601	83825-00100 83825-00101	6	55-102 105-152	700	1	13	337	45	60	15	15	31,1	27	150	-	-	75
1,000	83820-01100 83820-01101 83820-01102 83820-01103	83825-01100 83825-01101 83825-01102 83825-01103	11	55-102 105-152 156-203 206-254	1,050	1	17,5	335	60	75	18	20	34,6	29	190	90	100	99
1,500	83820-01600 83820-01601 83820-01602 83820-01603	83825-01600 83825-01601 83825-01602 83825-01603	22	74-127 127-180 190-243 254-305	1,400	1	26,5	425	80	100	22	27	38,8	34	255	90	100	123
2,000	83820-22000 83820- 22010 83820- 22020 83820-22030	83825-02200 83825-02201 83825-02202 83825-02203	22	74-127 127-180 190-243 254-305	1,750	1	32	450	80	100	22	27	40	36	255	90	100	123
2,500	83820-02500 83820-02501 83820-02502 83820-02503	83825-02500 83825-02501 83825-02502 83825-02503	33	90-143 149-203 203-254 251-305	1,750	1	46	510	100	120	25	35	42,5	40	300	95	100	144
3,200	83820-03300 83820-03301 83820-03302 83820-03303	83825-03300 83825-03301 83825-03302 83825-03303	33	90-143 149-203 203-254 251-305	2,200	2	43	600	100	120	25	35	46	42,5	300	95	100	144
5,000	83820-05200 83820-05201 83820-05202 83820-05203	83825-05200 83825-05201 83825-05202 83825-05203	52	106-156 160-210 210-260 255-305	2,200	2	73	717	125	150	30	40	50	46,5	375	130	135	174
7,500	83820-08401	83825-08401	104	>=119	2,950	3	150	915	160	190	35	45	79,5	72,5	450	130	270	220
10,000	83820-10401	83825-10401	104	>=131		4	174	905	160	190	35	45	79,2	72,5	450	130	270	220
15,000	83820-16401	83825-16401	164	>=155		6	294	1,165	200	240	50	42	94,6	80	560	170	300	272
20,000	83820-20401	83825-20401	204	>=170		8	377	1,345	200	240	50	42	95,7	81	560	170	300	272

* Weight push trolley ** Weight geared trolley / Each control meter hand chain = 1 KG





KITO VAN LEUSDEN