

HD3C PUSH & GEARED TROLLEY

ATEX MEDIUM

500 KG - 30,000 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 T4 Gb
- Equipment class EX II 2D EX h IIB T135°C Db
- Unique 3 bolt design which ensures stability and safe situation
- Adjustable suspension bolts (see table)
- Wheel break support and antitilt device integrated
- Trolley wheels with life time lubricated bearings
- Suitable for all types of beams
- Surface treatment trolley electric galvanized up to 64kN larger chassis are 2 layer paint system, RAL7021
- Hand chain electric galvanized
- Rubber buffers mounted on the trolley

AVAILABLE OPTIONS

- Special surface protection according to ISO 12944
- Extended chain wheel drive (max. 300mm), dimension "M"
- Parking device for parking in unloaded condition
- Special side plates to increase dimension "E"
- Stainless steel nameplate with tag number
- Fixed beam execution
- Straight suspension bolt with spacer
- 3.1 load test certificate
- 3.1 material certificate for load bearing trolley parts
- Stainless steel hand chain
- Solid bronze wheels

REMARK

- The minimum beam radius is based on the maximum beam width which is specified in the table. For smaller curved beams always contact us or your local agent for clarification.
- Maximum INP profile restriction for 6kN = INP220, 11kN = INP300, 22kN = INP360, 33kN = INP400, 52/64kN = INP450



ATEX
EXPLOSION
PROTECTION

RED ROOSTER LIFTING LIMITED

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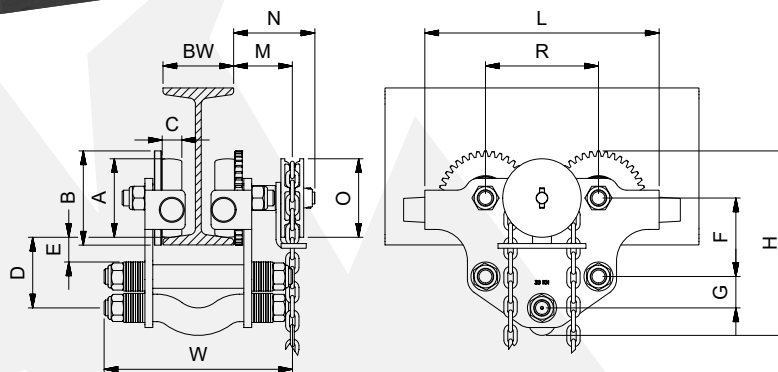
RAISING EXPECTATIONS

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DIMENSIONS

All measurements are in mm

Information subject to change without notice



CAPACITY	PUSH MODEL	GEARED MODEL	CHASSIS	ADJUSTABLE FLANGE RANGE	MINIMUM BEAM RADIUS	CHAIN PULL MAX	WEIGHT * / **	DIMENSIONS														
KG			kN	MM	MM	KG	KG	A	B	C	D	E	F	G	H	L	M	N	O	R	W	
500	83800-00600	-	6	55-102	700	-	3	45	60	15	52	15	45	30	125	150	-	-	-	75	160	
	83800-00601	-		105-152																		210
1,000	83800-01100	83810-01100	11	55-102	1,050	10	5-6	60	75	18	60	20	60	30	160	190	65	90	100	99	175	
	83800-01101	83810-01101		105-152																		225
	83800-01102	83810-01102		156-203																		275
	83800-01103	83810-01103		207-254																		325
2,000	83800-02200	83810-02200	22	74-127	1,400	16	11-12	80	100	22	75	27	80	35	205	255	65	90	100	123	215	
	83800-02201	83810-02201		127-180																		270
	83800-02202	83810-02202		190-243																		330
	83800-02203	83810-02203		254-305																		390
3,200	83800-03300	83810-03300	33	90-143	1,750	20	18-19	100	120	25	90	35	100	40	245	300	70	95	100	144	250	
	83800-03301	83810-03301		149-203																		310
	83800-03302	83810-03302		203-254																		360
	83800-03303	83810-03303		251-305																		410
5,000	83800-05200	83810-05200	52	106-156	2,200	20	31-32	125	150	30	117	40	120	60	305	375	100	130	135	174	270	
	83800-05201	83810-05201		160-210																		325
	83800-05202	83810-05202		210-260																		375
	83800-05203	83810-05203		255-305																		420
6,300	83800-06400	83810-06400	64	106-156	2,200	25	33-34	125	150	30	117	40	120	60	310	375	100	130	135	174	270	
	83800-06401	83810-06401		160-210																		325
	83800-06402	83810-06402		210-260																		375
	83800-06403	83810-06403		255-305																		420
8,000	83800-08401	83810-08401	84	>=119		16	85-90	160	190	35	145	45	145	80	365	450	105	130	270	220	BW+150	
10,000	83800-10401	83810-10401	104	>=131	2,950	19	90-95	160	190	35	145	45	145	80	370	450	105	130	270	220	BW+150	
12,500	83800-12401	83810-12401	124	>=143		23	95-100	160	190	35	145	45	145	80	370	450	105	130	270	220	BW+150	
16,000	83800-16401	83810-16401	164	>=155		25	135-145	200	240	50	165	42	165	100	445	550	135	170	300	272	BW+185	
20,000	83800-20401	83810-20401	204	>=170	3,700	25	140-150	200	240	50	165	42	165	100	450	550	135	170	300	272	BW+185	
25,000	83800-25401	83810-25401	254	>=185		25	150-160	200	240	50	165	42	165	100	455	550	135	170	380	272	BW+195	
30,000	83800-32801	83810-32801	328	>=200	4,000	25	310	250	288	55	265	62.5	215	175	655	670	144	181	380	320	BW+286	

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

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