

# Low headroom chain hoist with geared trolley " CC-M " Type

The machines are planned in conformity with the 2006/42/EEC Directive

With : EC markings  
EC declaration of conformity

Statement report-Fitting for use  
Information for use



**INTENDED USE :** The low headroom manual chain hoists CCM Type running on the lower flanges of the beam, are planned only to lift free weights in the space, straight up, in condition of safe and controlled efficiency, in accordance to the measures and limits of use as described in the instructions of use and using accessories that the grip element (lifting hook) and the upper base (hanging hook) allow.

## TECHNICAL AND CONSTRUCTION CHARACTERISTICS :

**Structure :** compact and light

**Reducer:** coaxial with high-resistance cylindrical steel gears. Module toothing entirely supported on ball bearings closed in a carter permanently lubricated.

**Load sprocket:** with four pockets, molten, thermally treated for a perfect running of the carrying chain.

**Chain guide and extractor:** guarantee a precise housing and a perfect extraction of the carrying chain either in raise or in descent.

**Brake:** with a safety jump to stop the weight in the wanted position. The brake is automatic at weight pression and has two friction joints free from asbestos.

**Carrying chain limit switches:** composed of two steel plates fixed on the descent side of the chain that avoids the chain going out.

**Hanging and lifting hooks:** high resistant, in tempered steel, turning with ball bearing, with a safety device to avoid unhitching.

**Carrying chain:** in high resistant steel, with round links, superficially hardened, covered with zinc to obtain a high resistance to wear, to corrosion and to ageing.

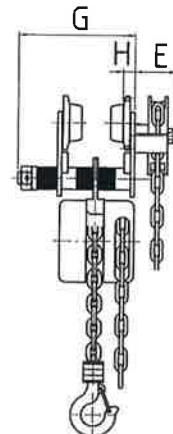
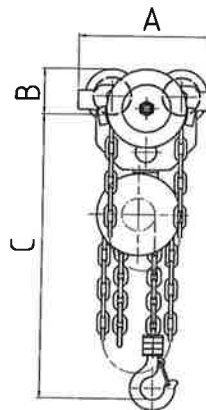
**Moving/hand chain:** in round steel, running on a pocket pulley. Chain and pulley are protected by a steel sheet side cover.

**Sides:** in steel sheet, above which the pins of the motion

**Wheels:** in cast iron mechanically worked, with a rolling strip appropriate to the expected running beam. The wheels are supported on permanently lubricated ball bearings (simple or double). Two wheels are idle and two wheels are driving

**Hoist control:** the hoist is activated by pulling manually one of the descent falls of the moving /motion chain.

**Trolley control:** the trolley is activated by pulling manually one of the descent falls of the moving /motion chain.



CAPACITY		kg	500	1.000	1.500	2.000	3.000	5.000	10.000	20.000
Falls of chain			1	1	1	2	2	2	4	8
Raising with 5 mt of hand chain		mm	178	120	94	60	47	30	15	15
Stress on the hand chain		kg	22	30	35	31	36	39	40	40
Measure A		mm	200	246	261	275	333	377	423	555
Measure B		mm	67	81	88	94	115	126	155	200
Measure C		mm	300	350	420	450	560	650	710	1060
Measure G with tie-rod A		mm	169	212	217	237	265	-	-	-
Measure G with tie-rod B		mm	220	282	282	293	303	318	349	406
Measure G with tie-rod C		mm	269	384	384	395	406	418	450	508
Measure E		mm	60	60	60	60	60	60	60	90
Measure H		mm	17	22	22	26	28	38	48	75
Minimum radius		mt	0,8	1,0	1,0	1,1	1,3	1,4	2,0	3,5
Weight with m 3 x 2.50 of chain		kg	17	24	32	35	55	82	150	320
Weight for each mt more of chain		kg	2,60	2,60	3,20	3,40	4,60	6,20	10,60	21,20
Tie rod A type	Beam lower flange width	mm	50 - 100	58 - 131	70 - 135	80 - 143	100 - 150	-	-	-
	Order Code :		CC-MA . . . . ( + capacity)							
Tie rod B type	Beam lower flange width	mm	50 - 150	58 - 200	70 - 200	80 - 200	100 - 200	106 - 200	120 - 200	131 - 200
	Order Code :		CC-MB . . . . ( + capacity)							
Tie rod C type	Beam lower flange width	mm	50 - 200	58 - 300	70 - 300	80 - 300	100 - 300	106 - 300	120 - 300	131 - 300
	Order Code :		CC-MC . . . . ( + capacity)							