



MIROLX
KRANE

HOISTS & CRANE COMPONENTS

HEBEZÜGE & KRANKOMPONENTEN

www.mirolxcranes.com

MIROLX KRANE

ELECTRIC WIRE ROPE HOISTS

ELECTRIC CHAIN HOISTS

GANTRY CRANE

JIB CRANES

CRANE KITS

CRANE ACCESSORIES



www.mirolxcranes.com



MIROLX KRANE

**GENAUIGKEIT IN DER ARBEIT
GESCHWINDIGKEIT IN DER
AUSFÜHRUNG**

**ACCURACY AT WORK
SPEED OF EXECUTION**





The company



MIROLX stellt seit über 15 Jahren ein umfangreiches Sortiment an Hebezeugen her. Über 10.000 Drahtseileinheiten wurden weltweit verkauft und sind in allen Branchen im Einsatz. Das Sortiment der MX-Serie umfasst 11 Größen mit Kapazitäten zwischen 1.000 kg und 50.000 kg. Die Hubeinheiten sind in verschiedenen Konfigurationen erhältlich: Einschienenbahn mit geringer Bauhöhe, Einschienenbahn mit normaler Bauhöhe, fußmontierte (fest oder hängend) und Doppelschienen-„Katzen“-Einheiten (gestützt oder hängend). Mit diesen Konfigurationen lässt dieses Standardsortiment zu, dass die MX-Serie alle Anforderungen und Anwendungen erfüllt: Tragfähigkeit, Hakenweg, Fahr- und Hubgeschwindigkeit und Lastkollektiv nach FEM-Klassifizierung (FEM-Abschnitt IX). Alle MIROLX-Hebezeuge entsprechen der Maschinenrichtlinie 2006/42/EG.

MIROLX has been manufacturing an extensive range of hoists for over 15 years. Over 10.000 wire rope units have been sold worldwide and are operational in every industry sector. The MX series range comprises 11 sizes with capacities between 1.000 Kg and 50.000 Kg. The hoist units are available in different configurations: low headroom monorail, standard headroom monorail, foot mounted (fixed or suspended), and double rail “crab” units (supported or suspended). With these configurations, this standard range allows the MX series to meet any requirements or application: capacity, hook travel, travel and hoisting speed, and load spectrum based on the FEM classification (FEM section IX). All MIROLX hoists comply with the Machine Directive 2006/42/CE.

Industrie der Zukunft INDUSTRY OF THE FUTURE

A close-up photograph of a hand in a white shirt cuff, holding a blue dart. The dart is positioned as if about to be thrown at a target. The target is a circular dartboard with concentric rings. The background is blurred, showing a person in a suit and tie.A logo with the text 'MADE IN BELGIUM' in white, set against a black background with a red and yellow diagonal stripe.

2



MIROLX KRANE™		CE
TYPE		
ITEM		
CAPACITY	t	PROTECTION CLASS
LIFTING HEIGHT	m	SERIAL NUMBER
LIFTING SPEED	m/min	YEAR OF PRODUCTION
TRAVEL SPEED	m/min	DUTY MODE FEM 9.511
ROPE		POWER SUPPLY Y Hz
		WEIGHT Kg

OFFICIAL NAME PLATE

QUALITY AND CERTIFICATIONS

Die kommerzielle Dokumentation und die technischen Bedienungsanleitungen für die Installation, den Gebrauch und die Wartung von Elektroseilzügen, die dem Verkauf jeder Maschine beiliegen, wurden gemäß der einheitlichen Norm UNI EN 292 – Teil 1 und 2 erstellt.

Die Elektroseilzüge der Serie MX werden gemäß der Maschinenrichtlinie 89/392/EWG, dem italienischen Gesetz DPR 459 vom 24. Juli 1996 und den Richtlinien 98/37/EWG und 2006/45/EWG hergestellt.

Die Komponenten des Hebezeugs entsprechen den Anforderungen der Richtlinie und das CE-Zeichen bestätigt die Konformität der gesamten Ausrüstung.

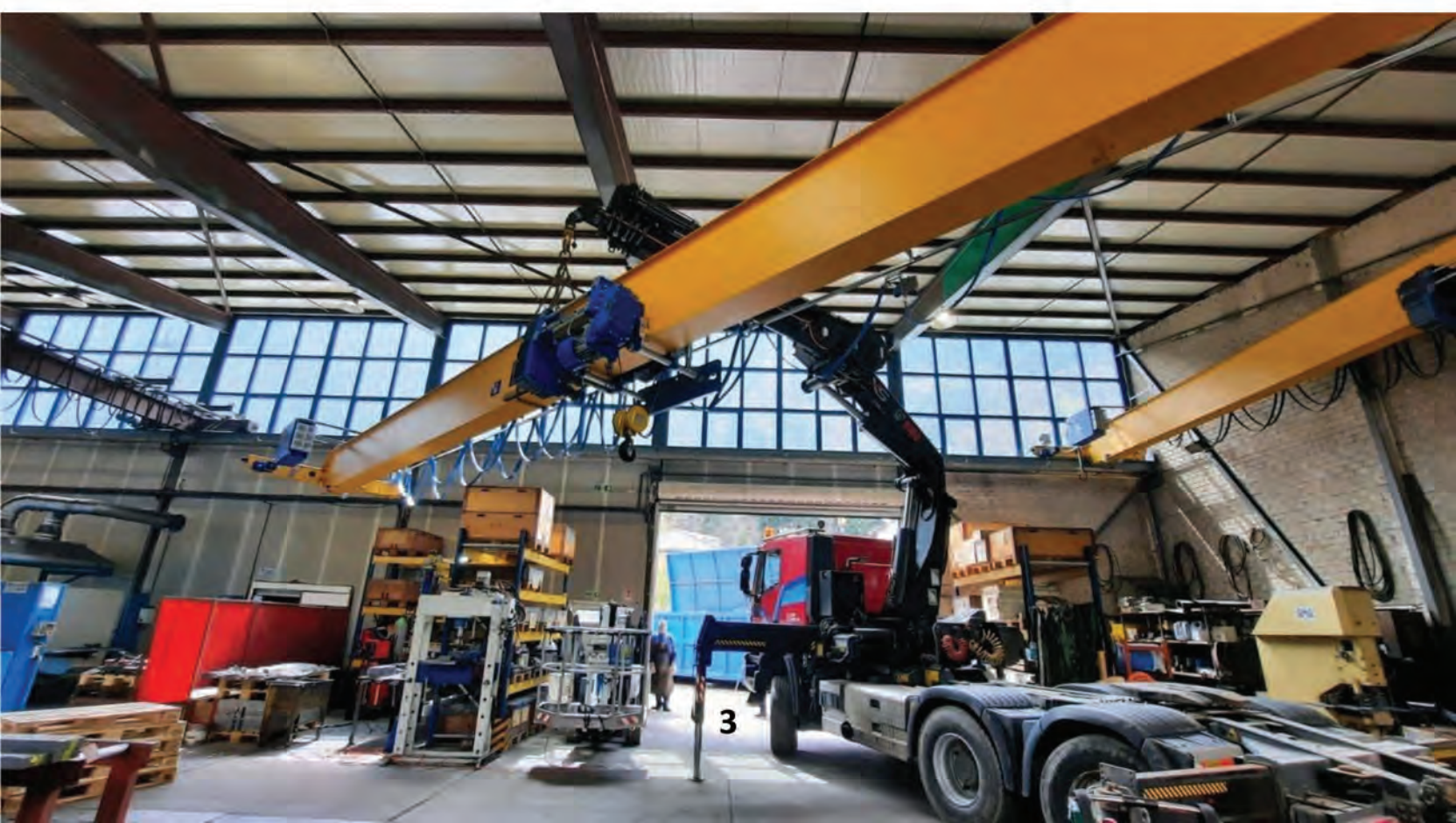
MISIA produziert und vertreibt die Elektroseilzüge unter einem registrierten Qualitätskontrollsystem, das nach ISO 9001 zugelassen ist, mit der Ausstellung von Zertifikaten der Certification Company BV Italia: ACCREDIA.

The commercial documentation and the technical instruction manuals for the installation, use, and maintenance of electric rope hoists, which accompany the sale of every machine, have been drawn up in accordance with unified standards UNI EN 292 – parts 1 and 2.

The MX series electric rope hoists are produced in accordance with the Machine Directive 89/392/EEC, with the Italian law DPR 459 dated July 24th, 1996, and Directive 98/37/EEC and 2006/45/EEC.

The components of the hoist comply with the requirements of the Directive and the CE Mark confirms the conformity of the whole equipment.

MISIA produces and sells the electric rope hoists under a registered quality control system approved to ISO 9001, with the issue from the Certification Company BV BELGIUM certificates: ACCREDIA.



CE MARK

La leadership e l'affidabilità di MIROLX quale costruttore di paranchi elettrici a fune sono confermate e garantite dalla assunzione delle responsabilità derivanti dalla marcatura CE.

I paranchi elettrici MIROLX sono prodotti in conformità alla Direttiva Macchine 2006/42/CE.

La marcatura CE apposta sul paranco finito e la relativa dichiarazione di conformità garantiscono la conformità del prodotto alle vigenti normative comunitarie di pertinenza. Ogni macchina, infatti, prima di essere immessa sul mercato e quindi prima di essere marcata CE, è scrupolosamente controllata e collaudata in tutte le sue parti e componenti. Il manuale di istruzioni, uso e manutenzione che accompagna ogni paranco venduto, è redatto in conformità alla Direttiva Macchine 2006/42/CE, alla UNI EN ISO 12100 "Requisiti essenziali di salute e sicurezza" e alla CEI EN 82079 "Preparazione di istruzioni per l'uso.

MIROLX ha conseguito per la "Produzione di paranchi elettrici con proprio marchio con relativi accessori per la traslazione" la certificazione del sistema di qualità aziendale conformemente alla norma UNI EN ISO 9001.

Certificato rilasciato dall'ente Bureau Veritas - Certificazione riconosciuto da ACCREDIA.

Tutte le macchine sono dotate, oltre alla dichiarazione di conformità CE, di garanzia la cui validità è di 2 ANNI DALLA CONSEGNA.

The leadership and reliability of MIROLX as an electric rope hoist manufacturer are confirmed and guaranteed by our taking on the responsibilities resulting from the CE mark.

MIROLX wire rope hoists are manufactured under "Machine Directives 2006/42/CE.

CE mark on MIROLX products guarantee the conformity of the product with the pertinent UE regulations in force. Before being made available for sale and CE marked, each hoist has all its parts and/or components carefully inspected and tested.

The manual of use and maintenances is written under the " Machine Directives 2006/42/CE and UNI EN ISO 12100 "Essential health and safety requirements" and to CEI EN 82079 "Preparations of instruction of use".

MIROLX got for the "Production of wire rope electric hoists with cross travel accessories" the certification for the UNI EN ISO 9001 which is a certificate released by "Bureau Veritas", Certification recognized by "ACCREDIA".

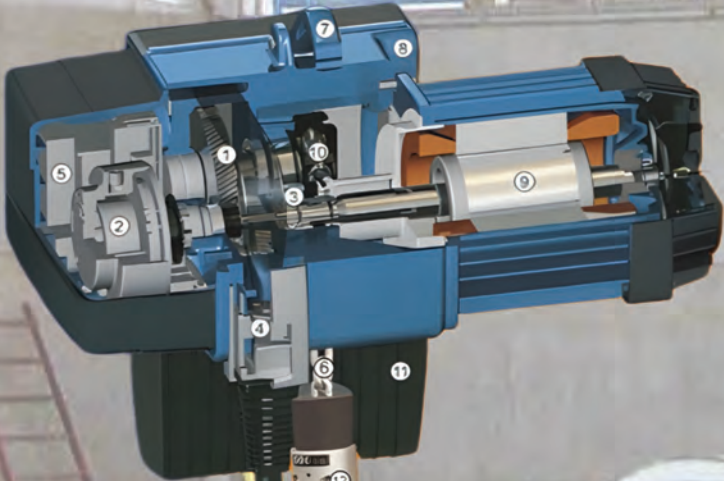
In addition to the CE declaration of conformity, all the machines are guaranteed for 2 YEARS FROM THE DATE OF SHIPMENT.





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MIROLX
KRANE





Range of wire rope hoists MX series

Die Herstellung der Standardversion von Drahtseilen der MX -Serie umfasst über 90% der Produktion des Unternehmens.

Dies bestätigt die Flexibilität des MIROLX -Produkts bei der Anpassung an viele industrielle Anleitungsanwendungen, ohne den Benutzer einem maßgeschneiderten Produkt auszusetzen.

Die Produktion der neuen MX -Serie umfasst 11 Baugrößen für Kapazitäten zwischen 1.000 kg und 50.000 kg, 2 oder 4 Seilfällen, die Geschwindigkeiten im Bereich von 1,5 m/min bis 12 m/min, Füße, die „unterstützt“ oder „unterstützt“ oder „unterstützt“ oder „“ oder „“ oder „“ oder „“ oder „“ oder „“ Aufgehängte "Reparatur (für Fuß- oder Doppelschiene -Krabbeneinheiten).

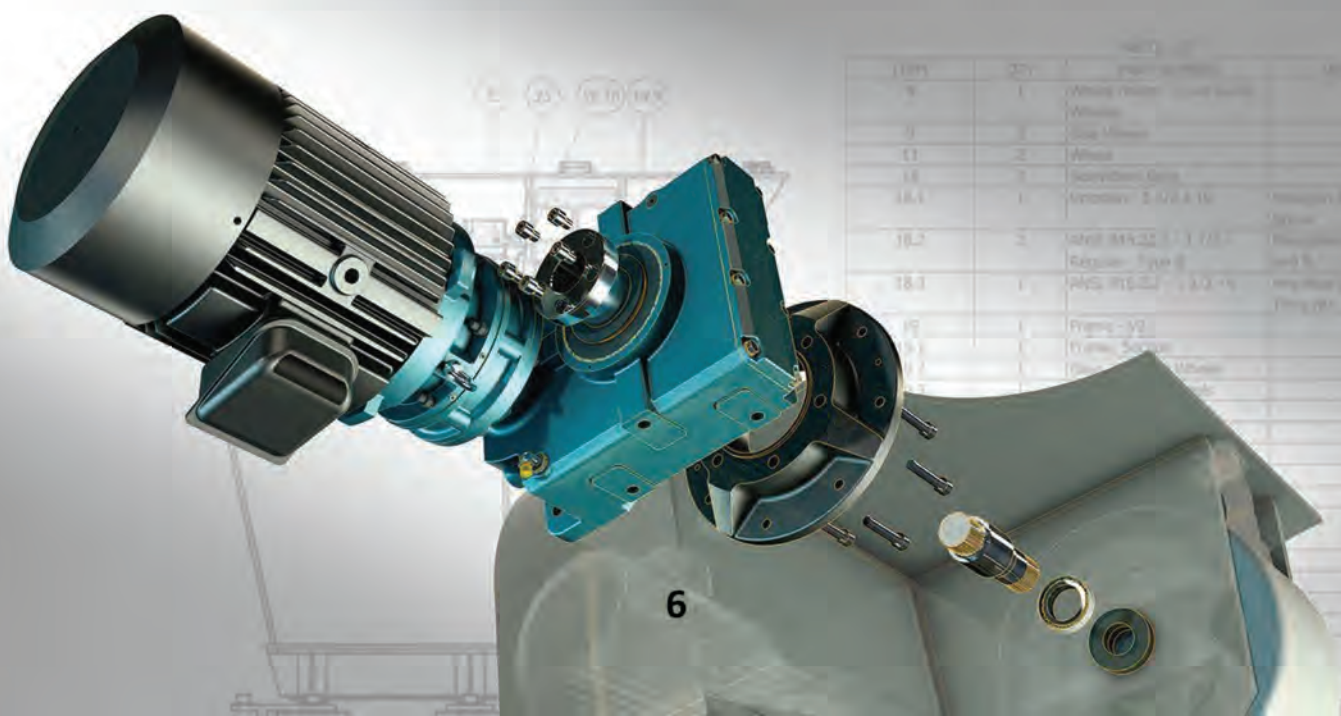
Eine breite Palette von Reisewagen ist auch in doppelten oder monorail -Versionen erhältlich, mit der Option eines niedrigen oder Standardkopienraums und einer Reihe von Hebezeugen mit Haken von 32 bis 56 m, Kapazität von 1,600 bis 5.000 kg, 2 Seilfällen, 2 -Seilfälle, und Hebezeuge mit Doppelausgangseil aus der Trommel (4/2 Reeving), Kapazität von 1,600 bis 25.000 kg. Besonderheiten sind auf Anfrage erhältlich.

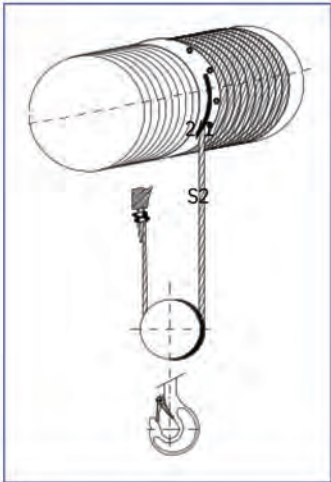
The manufacturing of the standard version of MX series wire rope hoists covers over 90% of the company's production.

This confirms the flexibility of the MIROLX product in adapting to many industrial lifting applications without subjecting the user to a bespoke product.

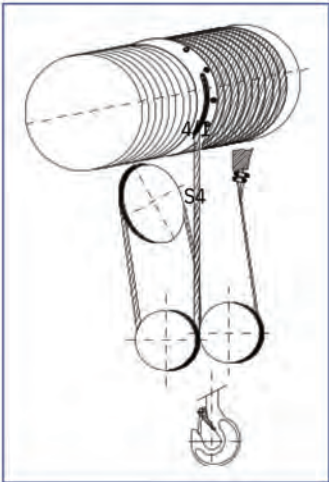
The production of the new MX series includes 11 construction sizes for capacities between 1.000 Kg and 50.000 Kg, 2 or 4 rope falls, lifting speeds ranging from 1,5 m/min to 12 m/min, feet mountings allowing "supported" or "suspended" fixing (for foot mounted or double rail "crab" units).

A wide range of traveling trolleys are also available in either double or monorail versions, with the option of low or standard headroom, and a range of hoists with hook travel from 32 to 56 m, capacity from 1.600 to 5.000 Kg, 2 rope falls, and hoists with double output rope from the drum (4/2 reeving), capacity from 1.600 to 25.000 Kg. Special features are available upon request.

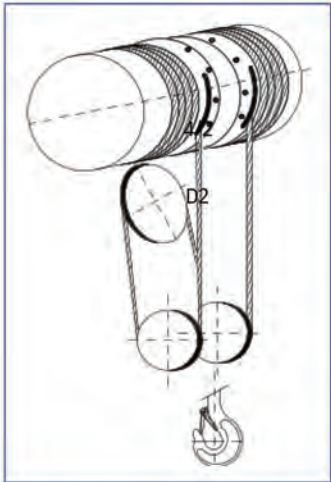




S2 - 2 ROPE FALLS (2/1)



S4 - 4 ROPE FALLS (4/1)



D2 - 4 ROPE FALLS (4/2) TRUE VERTICAL LIFT

Standard configurations

The MX series of MIROLX wire rope hoist are available in the followings configurations:

S4 version (4 rope falls)

Lifting capacity from 2000 kg to 32000 kg either supported or suspended.

D2 version (true vertical lift)

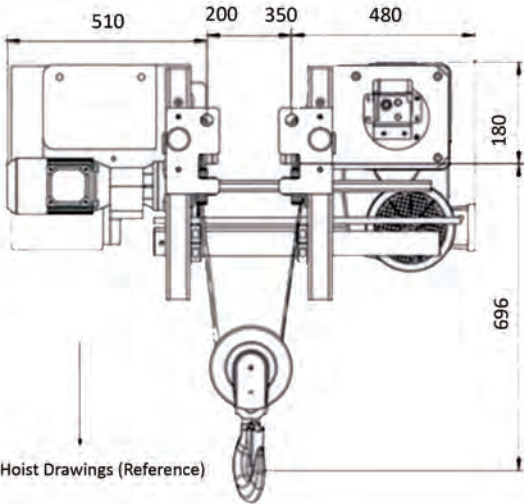
Lifting capacity from 1600 kg to 25000 kg

S2 version (2 rope falls)

Lifting capacity from 1000 kg to 16000 kg either supported or suspended.

Only in "supported" execution

For capacities from 20000 kg up to 25000 kg 2 rope falls. For capacities from 40000 kg up to 50000 kg 4 rope falls.



The logo consists of the words "MIROLX" and "KRANE" stacked vertically, enclosed within a thin black circular border.

**MIROLX
KRANE**

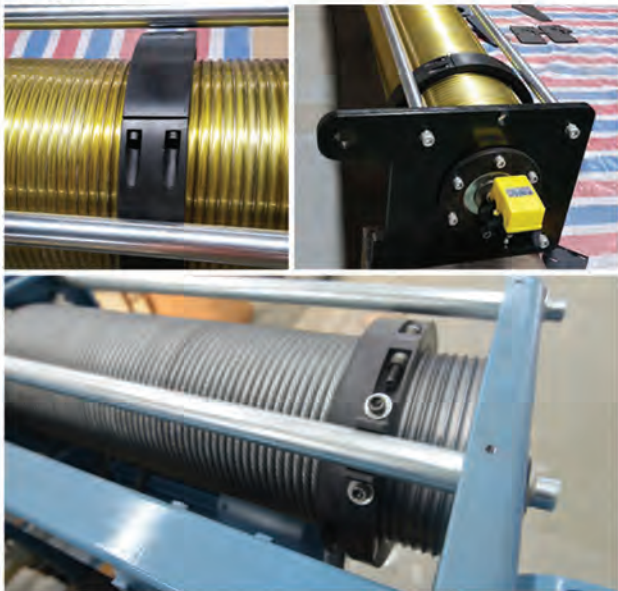
A large yellow and black MIROLX crane is positioned in a spacious industrial warehouse. In the background, a white truck and a white RV are parked. The crane's boom extends across the frame, and its vertical supports are visible.

**Experience in the field of manufacturing,
connecting, and general inspection of
cranes of all kinds**



Components

Rope guide



The rope guide consists of two parts: the guide ring and pressure spring. The pressure spring ensures that the rope lays correctly into the drum groove whilst the guide ring always maintains the rope in the correct position preventing the rope from coming off the drum groove. The guide is a robust design fitted with high quality bearings. Movement of the guide across the drum activates the up/down limit switch.

Hoist gearbox



The 2 or 3 stage planetary gearbox reduces the speed of the electric motor to the required rpm of the drum. Each individual planetary gear is manufactured using heat-treated high quality steel.

Load limiter

(According to rules ISO EN 13849-1)



All “XM” series hoists with 2 and 4 rope falls are endowed with overload limiters (OLL) with two reaction thresholds. The OLL acts on the auxiliary circuit by:

- activating a WARNING (1st stop);
- stopping both lifting and travel actions (2nd stop).

When the OLL reaches the 2nd stop the only possible action is load lowering.

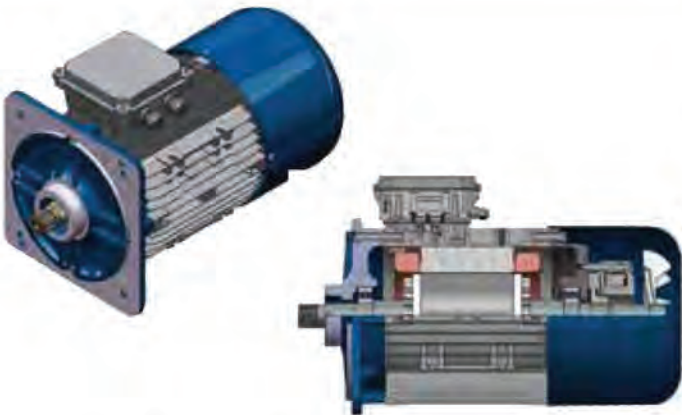
Bi-rail trolley



The Misa bi-rail trolley is equipped with n°4 wheels with dual edge, sliding on bearings. The two drive wheels are connected directly to the self braking gearmotor. This type of connection allows to avoid any type of external reduction coupling allowing the best trasmission of the motion and less maintenance.



Self braking cylindrical motor



The three-phase asynchronous electric motor with cylindrical rotor and disc brake is available in both single or dual speed option. The single polarity motor allows inverter control to be fitted offering further speed control to suit the application requirements

Self braking conical motor



Asynchronous electric motor 1 or 2 speeds conical rotor and conical brake included actuated by a helical spring. Brake release is caused by the axial displacement of the rotor by turning on the power.

Low headroom trolleys



The low headroom trolley consists of two electric trolley motors fitted onto planetary gearboxes. The trolley is of a live axle design with the gearboxes fitting directly onto the drive shaft of the wheels removing the need of external gears.

Standard headroom trolleys



The standard headroom monorail design enables the hoist to operate directly under and parallel with the crane or runway beam. The hoist is suspended via drive trolley.



Performance

Selection of the FEM group is determined by two parameters:
a) running time;
b) duty.

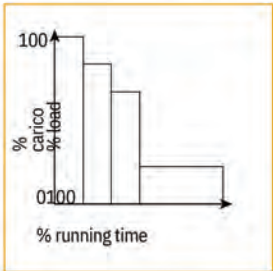


L1 LIGHT DUTY



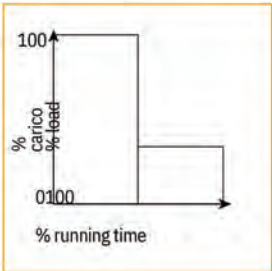
Hoist seldom lifting the maximum load and mostly light loads.

L2 MEDIUM DUTY



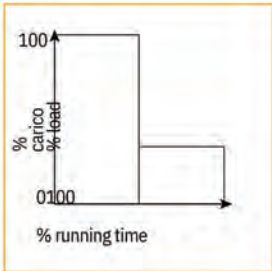
Hoist lifting maximum medium and light loads at an even ratio.

L3 HEAVY DUTY



Hoists frequently lifting the maximum load and normally medium loads.

L4 VERY HEAVY DUTY



Hoists regularly lifting loads near the maximum capacity.

Duty class	Running time "T"	
L		
L1 - Light duty	6300	12500
L2 - Medium duty	3200	6300
L3 - Heavy duty	1600	3200
L4 - Very heavy duty	800	1600
FEM	1A m	2 m

COMPARISON FEM-ISO GROUPS

FEM sez. IX	ISO
1BM	M3
1Am	M4
2m	M5
3m	M6
4m	M7
5m	M8



FEATURES

The design of MIROLX wire rope hoist units is complemented by the use of quality components. All gearboxes are of planetary gear type, 2 or 3 stages and lubricated for life. Motors can be supplied either with cylindrical type with disc brake or tapered rotor conical motors, depending on the application or customer preference. The rope guide is manufactured using high-quality materials and bearings. Ropes are of high endurance class and galvanized. Monorail low headroom trolleys utilize our twin drive live axle design with planetary geared motors and gearboxes fitted directly onto the drive shaft of the trolley wheels eliminating the need of external gears.



ABBREVIATION OF THE MX RANGE OF MIROLX WIRE ROPE HOIST

MX 312 N S4 H7 A /5 a						
Serie Series	Grandezza paranco Hoist size	Corsa gancio Height of lift		2a velocità di traslazione (dove richiesta) Second trolley speed (wherever requested)		
		Versione: S2 - a 2 tiri di fune S4 - a 4 tiri di fune D2 - 4/2 tiri di fune tiro centrale		Tipo: 5 appoggiato 5C1 sospeso 3 carrello monotrave a ingombro normale 43 carrello monotrave per monorotaie curve 83 carrello monotrave a ingombro ridotto 53 carrello bitrave con paranco appoggiato 53C1 carrello bitrave con paranco sospeso		
		Versions: S2 - 2 Rope falls S4 - 4 Rope falls D2 - 4/2 Rope falls true vertical lift		Type: 5 foot mounted supported 5C1 foot mounted suspended 3 standard headroom monorail trolley 43 monorail trolley for curved beam 83 low headroom monorail trolley 53 double rail "crab" trolley with supported hoist 53C1 double rail "crab" trolley with suspended hoist		
		N a 1 velocità sollevamento Normale V a 1 velocità sollevamento Veloce N Normal lifting speed (single) V Fast lifting speed (single)		2ª velocità sollevamento (dove richiesta) Second lifting speed (wherever requested)		



SINGLE GIRDER CRANE



DOUBLE GIRDER CRANE

CRANE END- CARRIAGE



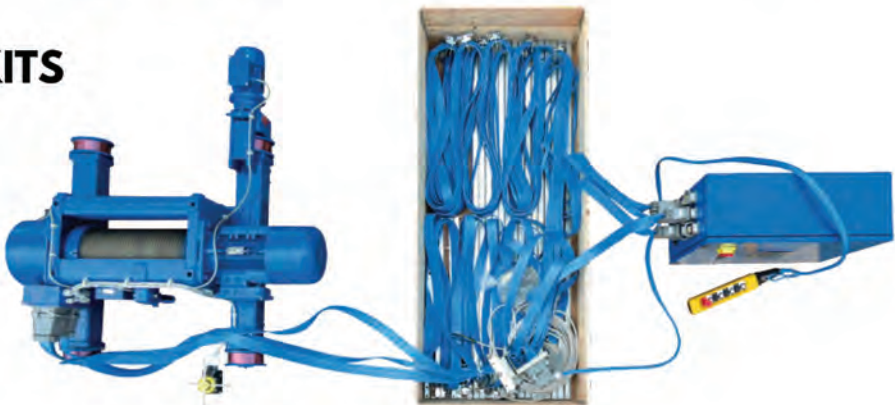
CONTROL PANEL

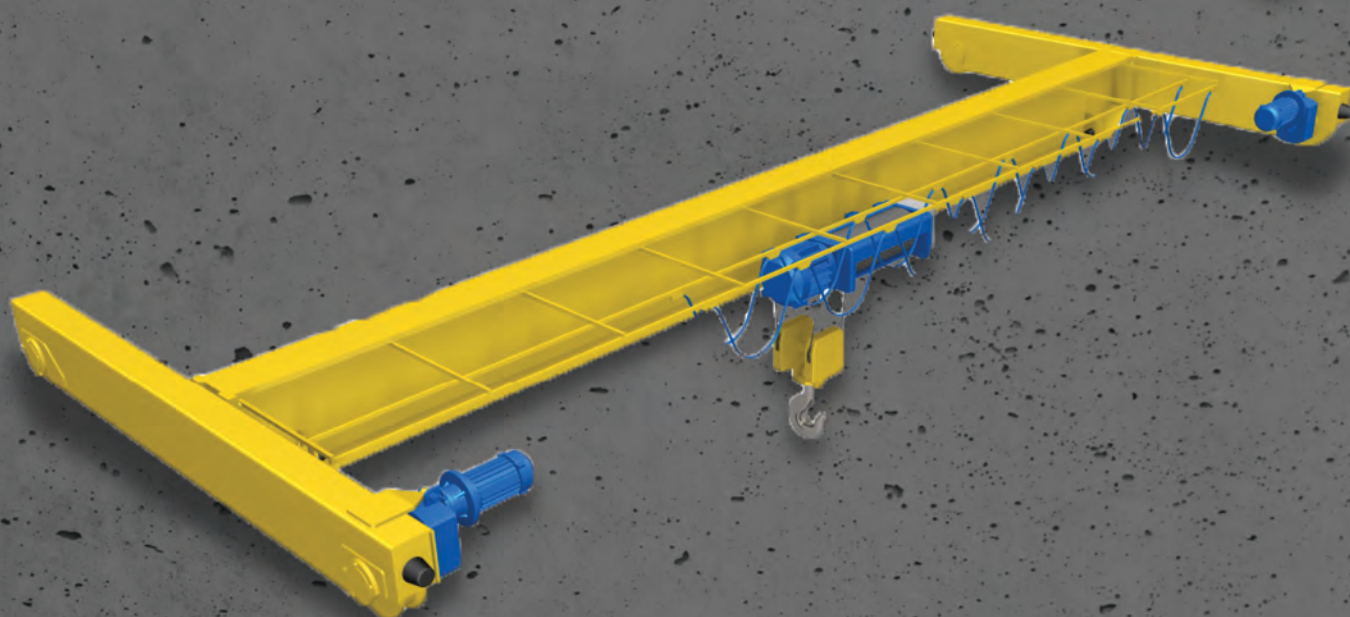
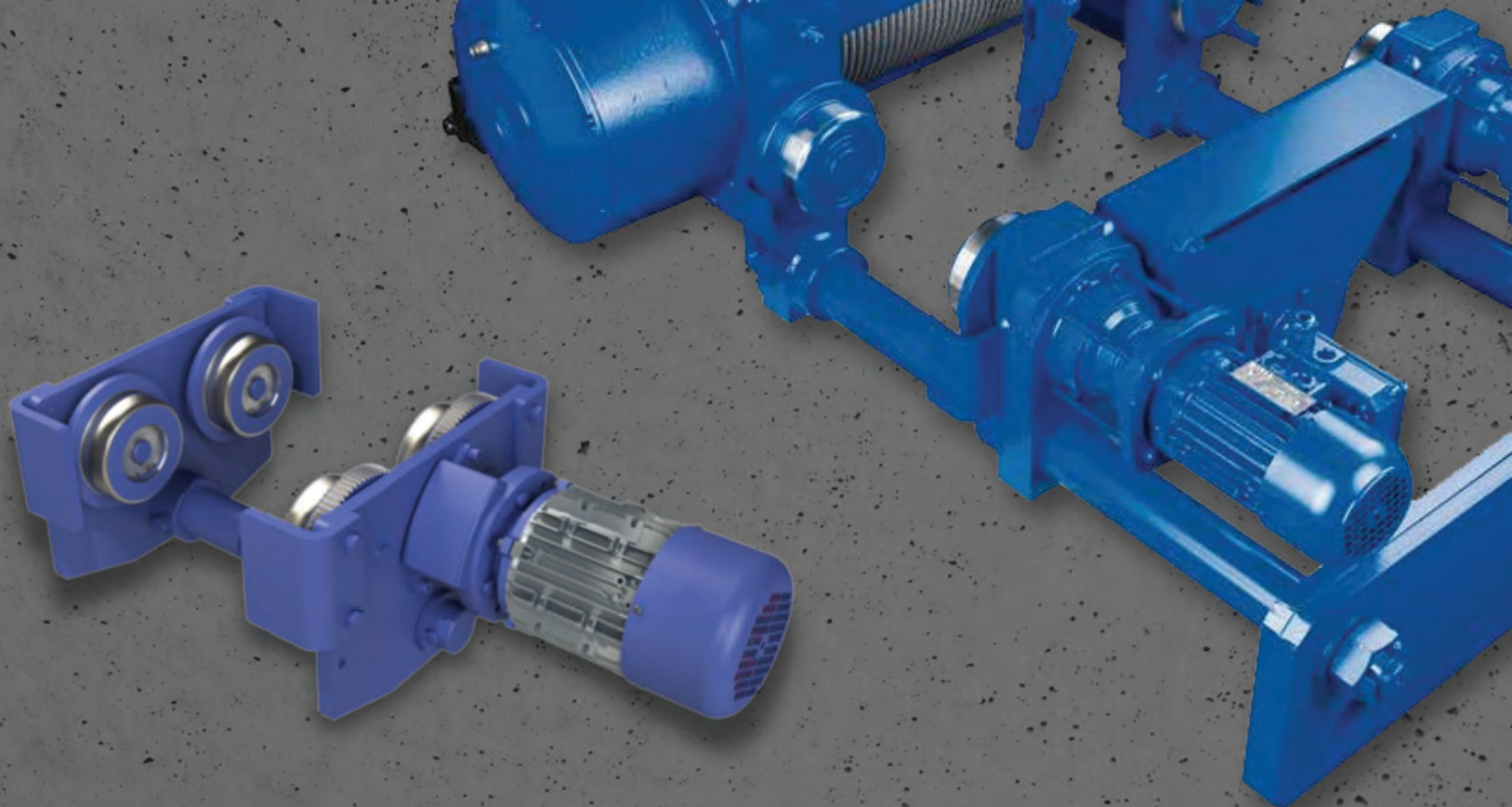


TROLLEY



CRANE KITS



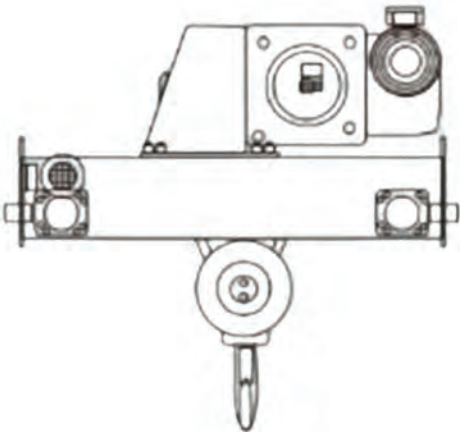
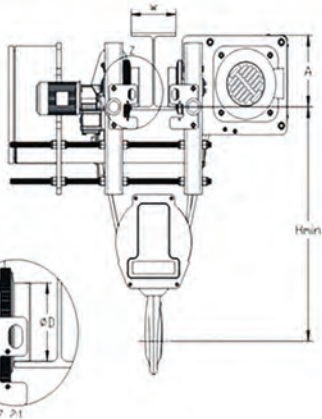
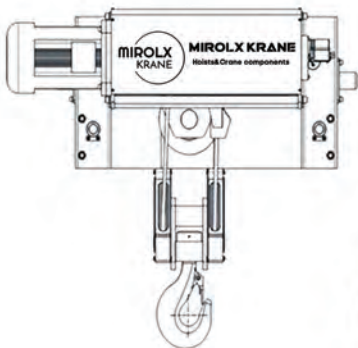
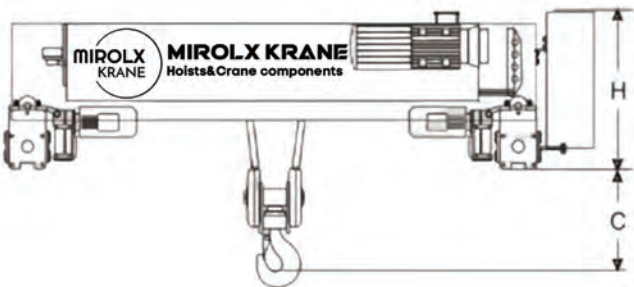


MIROLX
KRANE

MX SERIES ROPE HOISTS



Progress and development in the field is our main goal to make work smooth and fast





MX SERIES ROPE HOISTS



CARATTERISTICHE TECNICHE TECHNICAL DATA

CYLINDRICAL MOTOR

Portata Capacity	Gruppo Group	Paranco Hoist	Tiri fune Rope falls	Corsa gancio Hook travel				Velocità sollevamento / Potenze motori Lifting speed / Motor power							
								N		V		NA		VA	
								m/min	kW*	m/min	kW*	m/min	kW	m/min	kW
1000	3m	308	2/1	10	14	20	26	8	2,5	12	2,5	8/2,6	2,5/0,83	12/4	2,5/0,83
1250	3m	308	2/1	10	14	20	26	8	2,5	12	4	8/2,6	2,5/0,83	12/4	4/1,3
1600	2m	308	2/1	10	14	20	26	8	2,5	12	4	8/2,6	2,5/0,83	12/4	4/1,3
2000	3m	308	4/1	/	7	10	13	4	2,5	6	2,5	4/1,3	2,5/0,83	6/2	2,5/0,83
	3m	312	2/1	10	14	20	26	8	4	12	5	8/2,6	4/1,3	12/4	5/1,6
2500	3m	308	4/1	/	7	10	13	4	2,5	6	4	4/1,3	2,5/0,83	6/2	4/1,3
	2m	312	2/1	10	14	20	26	8	4	12	5,8	8/2,6	4/1,3	12/4	5,8/1,9
3200	2m	308	4/1	/	7	10	13	4	2,5	6	4	4/1,3	2,5/0,83	6/2	4/1,3
	2m	316	2/1	10	14	20	26	8	5	12	7	8/2,6	5/1,6	12/4	7/2,3
4000	3m	312	4/1	/	7	10	13	4	4	6	5	4/1,3	4/1,3	6/2	5/1,6
	3m	525	2/1	10	14	20	26	8	8	12	12	8/2,6	8/2,6	12/4	12/4
5000	2m	312	4/1	/	7	10	13	4	4	6	5,8	4/1,3	4/1,3	6/2	5,8/1,9
	3m	316	4/1	/	7	10	13	4	4	6	5,8	4/1,3	4/1,3	6/2	5,8/1,9
	2m	525	2/1	10	14	20	26	8	8	12	12	8/2,6	8/2,6	12/4	12/4
6300	2m	316	4/1	/	7	10	13	4	5	6	7	4/1,3	5/1,6	6/2	7/2,3
	2m	740	2/1	13	18	25	32	8	12	/	/	8/2,6	12/4	/	/
8000	3m	525	4/1	/	7	10	13	4	8	6	12	4/1,3	8/2,6	6/2	12/4
	2m	740	2/1	13	18	25	32	8	12	/	/	8/2,6	12/4	/	/
	3m	750	2/1	13	18	25	32	/	/	8	12	/	/	8/2,6	12/4
10000	2m	525	4/1	/	7	10	13	4	8	6	12	4/1,3	8/2,6	6/2	12/4
	2m	750	2/1	13	18	25	32	/	/	8	15	/	/	8/2,6	15/5
	3m	963	2/1	20	32	48	/	8	20	10	20	8/2,6	20/6,5	10/3,3	20/6,5
12500	3m	740	4/1	6,5	9	12,5	16	4	12	/	/	4/1,3	12/4	/	/
	2m	963	2/1	20	32	48	/	/	/	8	20	8/2,6	20/6,5	/	/
16000	2m	740	4/1	6,5	9	12,5	16	4	12	/	/	4/1,3	12/4	/	/
	3m	750	4/1	6,5	9	12,5	16	/	/	4	12	/	/	4/1,3	12/4
	1Am	980	2/1	20	32	48	/	/	/	7,5	24	/	/	/	/
20000	2m	750	4/1	6,5	9	12,5	16	/	/	4	15	/	/	4/1,3	15/5
	3m	963	4/1	10	16	24	/	5	20	6	24	5/1,6	20/6,5	/	/
	2m	1100	2/1	22	28	36	52	4	20	5	20	4/1,3	20/6,5	5/1,6	20/6,5
25000	2m	963	4/1	10	16	24	/	/	/	4	20	4/1,3	20/6,5	/	/
	1Am	1125	2/1	22	28	36	52	4	20	5	24	4/1,3	20/6,5	/	/
32000	1Am	980	4/1	10	16	24	/	/	/	4	24	/	/	/	/
40000	2m	1100	4/1	11	14	18	26	2	20	2,5	20	2/0,6	20/6,5	2,5/0,8	20/6,5
50000	1Am	1125	4/1	11	14	18	26	2	20	2,5	24	2/0,6	20/6,5	/	/

* Motori utilizzabili con inverter / Motors suitable also with inverter



MX SERIES rope hoists



CARATTERISTICHE TECNICHE TECHNICAL DATA

Portata Capacity	Gruppo Group	Paranco Hoist	Tiri fune Rope falls	Corsa gancio Hook travel				Velocità sollevamento / Potenze motori Lifting speed / Motor power							
								N		V		NA		VA	
								m/min	kW	m/min	kW	m/min	kW	m/min	kW
1000	3m	308	2/1	10	14	20	26	8	2,5	12	2,5	8/2,6	3/1	12/4	3/1
1250	3m	308	2/1	10	14	20	26	8	2,5	12	4,5	8/2,6	3/1	12/4	3/1
1600	2m	308	2/1	10	14	20	26	8	2,5	12	4,5	8/2,6	3/1	12/4	4,5/1,5
2000	3m	308	4/1	/	7	10	13	4	2,5	6	2,5	4/1,3	3/1	6/2	3/1
	3m	312	2/1	10	14	20	26	8	4,5	12	4,5	8/2,6	3/1	12/4	4,5/1,5
2500	3m	308	4/1	/	7	10	13	4	2,5	6	4,5	4/1,3	3/1	6/2	4,5/1,5
	2m	312	2/1	10	14	20	26	8	4,5	12	5,5	8/2,6	4,5/1,5	12/2	6/1
3200	2m	308	4/1	/	7	10	13	4	2,5	6	4,5	4/1,3	3/1	6/2	4,5/1,5
	2m	316	2/1	10	14	20	26	8	4,5	/	/	8/2,6	4,5/1,5	/	/
4000	3m	312	4/1	/	7	10	13	4	4,5	6	4,5	4/1,3	3/1	6/2	4,5/1,5
	3m	525	2/1	10	14	20	26	8	7,5	12	12	8/1,3	8/1,3	12/2	12,5/1,7
5000	2m	312	4/1	/	7	10	13	4	4,5	6	5,5	4/1,3	4,5/1,5	6/1	6/1
	3m	316	4/1	/	7	10	13	4	4,5	6	5,5	4/1,3	4,5/1,5	6/1	6/1
	2m	525	2/1	10	14	20	26	8	7,5	12	12	8/1,3	8/1,3	12/2	12,5/1,7
6300	2m	316	4/1	/	7	10	13	4	4,5	/	/	4/1,3	4,5/1,5	/	/
	3m	740	2/1	13	18	25	32	/	/	/	/	8/1,3	13/2,2	/	/
8000	3m	525	4/1	/	7	10	13	4	7,5	6	12	4/0,7	8/1,3	6/1	12,5/1,7
	2m	740	2/1	13	18	25	32	/	/	/	/	8/1,3	13/2,2	/	/
	3m	750	2/1	13	18	25	32	/	/	/	/	/	/	8/1,3	13/2,2
10000	2m	525	4/1	/	7	10	13	4	7,5	6	12	4/0,7	8/1,3	6/1	12,5/1,7
	2m	750	2/1	13	18	25	32	/	/	/	/	/	/	8/1,3	15/2,5
	3m	963	2/1	20	32	48	/	/	/	/	/	/	/	8/1,3	20/3,3
12500	3m	740	4/1	6,5	9	12,5	16	/	/	/	/	4/0,8	13/2,2	/	/
	3m	963	2/1	20	32	48	/	/	/	/	/	/	/	8/1,3	20/3,3
16000	2m	740	4/1	6,5	9	12,5	16	/	/	/	/	4/0,7	13/2,2	/	/
	3m	750	4/1	6,5	9	12,5	16	/	/	/	/	/	/	4/0,7	13/2,2
20000	2m	750	4/1	6,5	9	12,5	16	/	/	/	/	/	/	4/0,7	15/2,5
	3m	963	4/1	10	16	24	/	/	/	/	/	/	/	4/0,7	20/3,3
25000	2m	963	4/1	10	16	24	/	/	/	/	/	/	/	4/0,7	20/3,3





MOTORS ABSORPTION

MOTORI DI SOLLEVAMENTO CONICI CONICAL HOIST MOTORS (N° avv/h = 240 - S.I. 40% - Vel. aux 15%)

Motore Motor		Corrente nominale (in A) Rated current (in A)		Fusibili di protezione tipo "aM" accompagnamento motore "aM" type protection fuse for the motor	
N° Poli Poles	Potenza kW Power kW	230 V	400 V	230 V min	400 V min
4	2,3	10,0	6,0	12	8
4	4,5	20,5	12,0	25	16
4	5,5	21,0	12,2	25	16
4	7,5	31,0	17,0	40	20
4	12,0	49,5	28,0	63	32
4/12	3/1	15/14,5	9/8,5	20	10
4/12	4,5/1,5	19,3/18,5	11/10,5	25	12
4/24	6/1	24,8/12,0	13,5/7,0	32	16
4/24	8/1,3	21,5/19	16/12	25	16
4/24	12,5/1,7	34,5/26	23/15	40	25
4/24	13/2,2	49/53	28/30	80	50
4/24	15/2,5	56/57	32/33	80	40
4/24	20/3,3	70/105	42/58	160	80

MOTORI DI SOLLEVAMENTO CILINDRICI CYLINDRICAL HOIST MOTORS (N° avv/h = 240 - S.I. 40% - Vel. aux 15%)

Motore Motor		Corrente nominale (in A) Rated current (in A)		Fusibili di protezione tipo "aM" accompagnamento motore "aM" type protection fuse for the motor	
N° Poli Poles	Potenza kW Power kW	230 V	400 V	230 V	400 V
4	2,5	12,3	7,1	16	10
4	4	15,8	9,1	20	16
4	5	19,9	11,5	25	16
4	5,8	23	13,3	25	16
4	7	26,9	15,5	32	20
4	8	29,1	16,8	40	25
4	12	41,5	24	50	32
4	15	57	33	63	63
4	20	72,7	42	100	63
4	24	86,7	50,1	100	63
4/12	2,5/0,83	10,9/10,4	6,3/6	12	10
4/12	4/1,3	16/15,8	9,3/9,1	20	12
4/12	5/1,6	21/16,8	12,1/9,7	25	16
4/12	5,8/1,9	22/15,8	12,7/9,9	25	16
4/12	7/2,3	30,3/25,4	17,5/14,7	40	20
4/12	8/2,6	30,1/32,4	17,4/18,7	40	20
4/12	12/4	43,6/32,2	25,2/18,6	63	40
4/12	15/5	52,2/41,7	30,2/24,1	63	40
4/12	20/6,5	69,7/56,4	40,3/32,6	100	63

MOTORI DI TRASLAZIONE CARRELLO MONOTRAVE TIPO 83 TRAVEL MOTORS MONORAIL TROLLEY TYPE 83 (N° avv/h = 180 - S.I. 40% - Vel. aux 15%)

Motore Motor		Corrente nominale (in A) Rated current (in A)		Fusibili di protezione tipo "aM" accompagnamento motore "aM" type protection fuse for the motor	
N° Poli Poles	Potenza kW Power kW	230 V A	400 V A	230 V A	400 V A
2	0,25	1,2	0,8	2	1
2	0,30	1,7	1,0	4	2
2	0,55	2,4	1,3	4	2
4	0,18	1,05	0,58	2	1
4	0,25	1,65	0,83	4	2
2/8	0,24/0,06	1,4/1,3	0,8/1,0	2	1
2/8	0,30/0,075	2,2/2,2	1,2/1,2	4	2
2/8	0,55/0,13	2,4/3,3	1,3/1,8	4	2

MOTORI DI TRASLAZIONE CARRELLO MONOTRAVE TIPO 3 TRAVEL MOTORS MONORAIL TROLLEY TYPE 3 (N° avv/h = 180 - S.I. 40% - Vel. aux 15%)

Motore Motor		Corrente nominale (in A) Rated current (in A)		Fusibili di protezione tipo "aM" accompagnamento motore "aM" type protection fuse for the motor	
N° Poli Poles	Potenza kW Power kW	230 V A	400 V A	230 V A	400 V A
4	0,37	2,1	1,2	4	2
4	0,55	2,9	1,6	4	2
4	0,75	4,0	2,2	6	4
4	1,10	5,1	2,8	6	4
4/12	0,37/0,12	2,6/3,1	1,4/1,7	4	2
4/12	0,55/0,18	2,9/3,5	1,6/1,9	4	2
4/12	0,75/0,25	3,9/4,4	2,1/2,4	6	4
4/12	1,1/0,37	6,4/6,4	3,5/3,5	8	4

MOTORI DI TRASLAZIONE CARRELLO BITRAVE TIPO 53 TRAVEL MOTORS DOUBLE RAIL TROLLEY TYPE 53 (N° avv/h = 180 - S.I. 40% - Vel. aux 15%)

Motore Motor		Corrente nominale (in A) Rated current (in A)		Fusibili di protezione tipo "aM" accompagnamento motore "aM" type protection fuse for the motor	
N° Poli Poles	Potenza kW Power kW	230 V A	400 V A	230 V A	400 V A
4	0,37	2,1	1,2	4	2
4	0,55	2,9	1,6	4	2
4	0,75	4,0	2,2	6	4
4	1,1	5,1	2,8	6	4
4	1,5	6,6	3,6	10	6
4	2,2	9,3	5,1	10	6
4/12	0,37/0,12	2,6/3,1	1,4/1,7	4	2
4/12	0,55/0,18	2,9/3,5	1,6/1,9	4	4
4/12	0,75/0,25	3,9/4,4	2,1/2,4	6	4
4/12	1,1/0,37	6,4/6,4	3,5/3,5	8	6
4/12	1,5/0,55	7,1/7,1	3,9/3,9	10	6
4/12	2,2/0,75	13,8/9,8	7,6/5,4	16	10



La tolleranza sui valori di assorbimento è del $\pm 5\%$
Tolerance on absorbing values is $\pm 5\%$



Paranchi standard SERIE MX

MX SERIES standard hoists

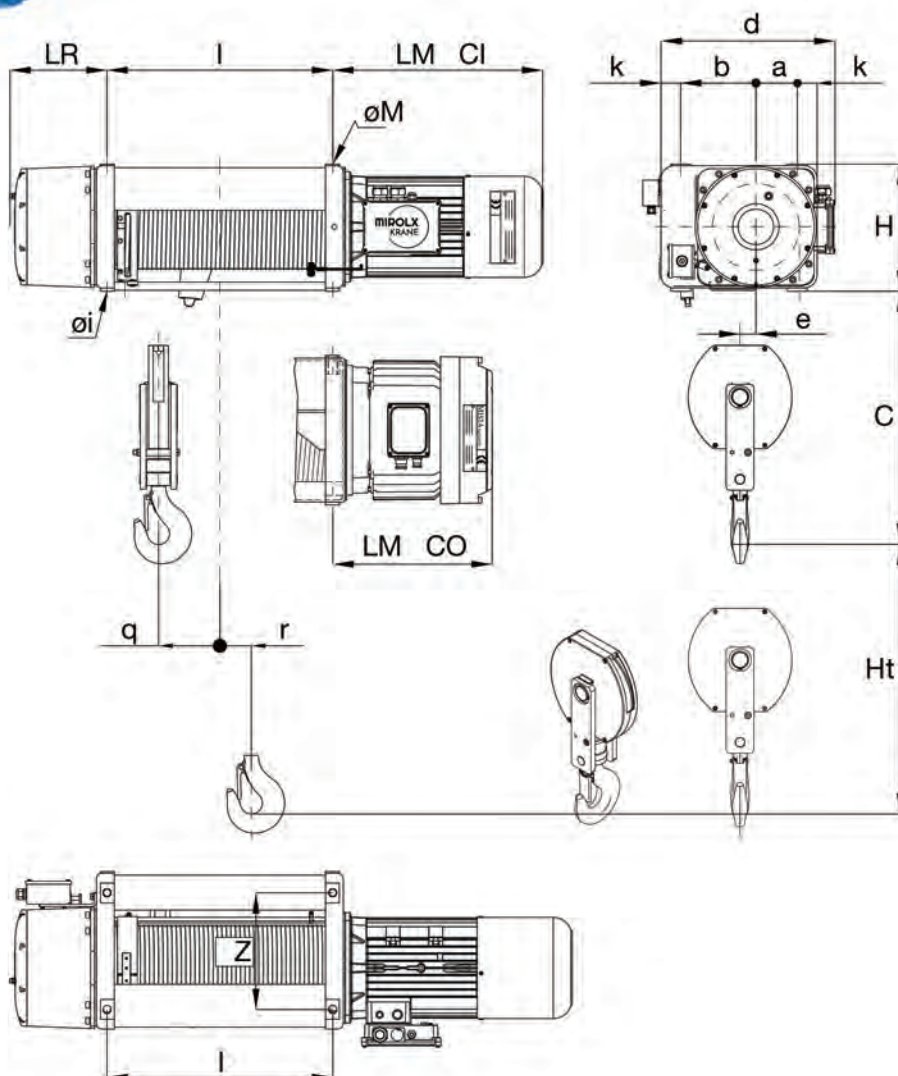
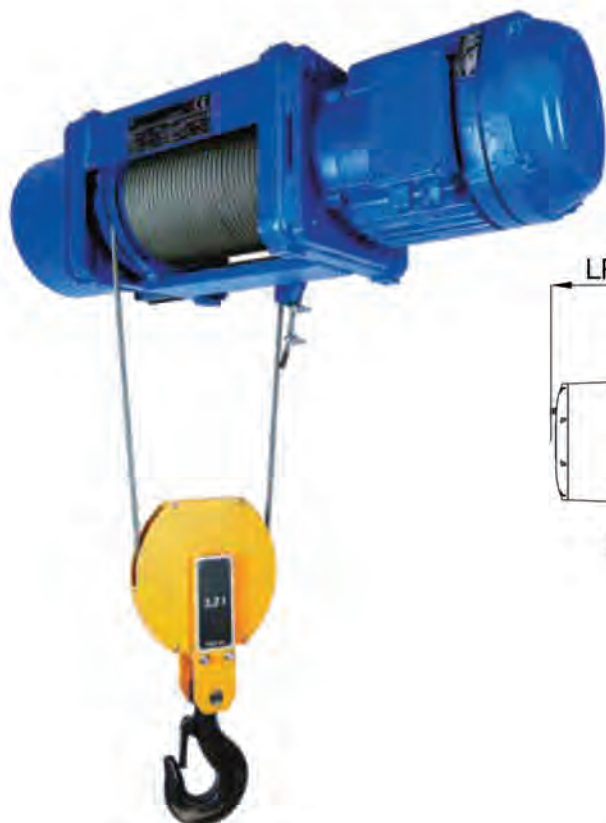
MX 308 / 312 / 316 / 525

Portata Capacity 1÷5 t

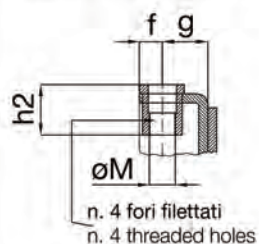
S2 2 TIRI DI FUNE (2/1) - 2 ROPE FALLS (2/1)

Tipo 5 APPOGGIATO - SUPPORTED

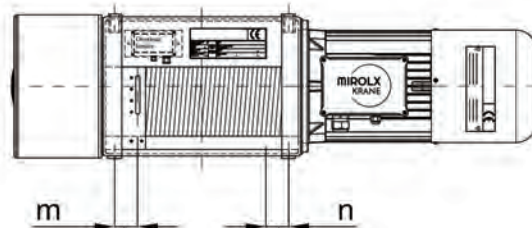
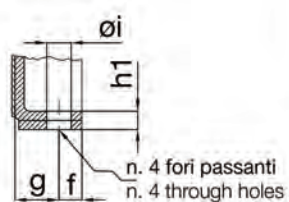
Tipo 5C1 SOSPESO - SUSPENDED



Fissaggio paranchi sospesi
Suspended hoist anchorage



Fissaggio paranchi appoggiati
Supported hoist anchorage



Posizione fune avvolta
Coiled position

Posizione fune svolta
Uncoiled position



Paranchi standard SERIE MX
MX SERIES standard hoists

MX 308 / 312 / 316 / 525
Portata Capacity 1÷5 t

S2 2 TIRI DI FUNE (2/1) - 2 ROPE FALLS (2/1)
Tipo 5 APPOGGIATO - SUPPORTED
Tipo 5C1 SOSPESO - SUSPENDED

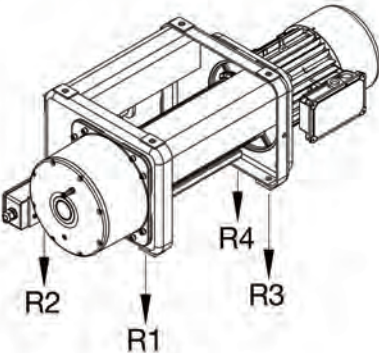
Dimensioni fisse
Fixed dimensions

Portata WLL	Gruppo Group	Paranco Hoist type	C	H	a	b	Z (a+b)	d	k	e	ei	f	g	øM	h1	h2	m	n
Kg	FEM	MX	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	M	mm	mm	mm	mm
1000	3m	308 - 2/1	570	325	105	190	295	500	50	53	15	19	27	M14	13	28	45	48
1600	2m	308 - 2/1	570	325	105	190	295	490	50	53	15	19	27	M14	13	28	45	48
2500	2m	312 - 2/1	640	325	105	190	295	490	50	40	17	19	27	M20	13	34	48	56
3200	2m	316 - 2/1	640	325	105	190	295	490	50	40	17	19	27	M20	13	34	48	56
5000	2m	525 - 2/1	730	380	133	212	345	560	53	41	21	21	31	M24	18	48	60	61

Dimensioni variabili
Variable dimensions

Portata WLL	Gruppo Group	Paranco Hoist type	Corsa gancio Hook travel	l	q	r	LMCI				LMCO				LR	Peso Weight
Kg	FEM	MX	m	mm	mm	mm	mm N	mm V	mm NA	mm VA	mm N	mm V	mm NA	mm VA		Kg
1000	3m	308 - 2/1	10	395	91	61	460	460	490	490	315	375	385	420	200	190
			14	520	154											200
1600	2m		20	700	244											212
			26	885	377											224
2500	2m	312 - 2/1	10	440	90	77	460	460	490	565	375	420	420	420	250	255
			14	570	155											270
			20	775	258											290
			26	975	358											310
3200	2m	316 - 2/1	10	440	90	77	460	565	500	565	375	/	420	/	250	270
			14	570	155											290
			20	775	258											310
			26	975	358											330
5000	2m	525 - 2/1	10	455	90	78	600	600	600	650	415	465	460	505	270	380
			14	590	157											410
			20	795	260											440
			26	995	360											470

Reazioni statiche
Static reactions



Paranco Hoist type	Portata WLL	Corse gancio Hook travel															
		H10				H14				H20				H26			
		R1 daN	R2 daN	R3 daN	R4 daN	R1 daN	R2 daN	R3 daN	R4 daN	R1 daN	R2 daN	R3 daN	R4 daN	R1 daN	R2 daN	R3 daN	R4 daN
MX	Kg																
308	1000	384	443	168	195	417	482	140	161	445	513	118	136	463	533	106	122
308	1600	588	678	243	281	639	738	197	226	681	786	160	185	708	817	139	160
312	2000	784	757	363	351	857	828	298	287	924	894	240	232	965	932	210	203
312	2500	963	930	438	424	1053	1018	356	343	1136	1099	282	273	1185	1146	244	235
316	3200	1217	1177	547	529	1333	1288	442	427	1438	1390	347	335	1499	1449	296	286
525	3200	1204	1226	570	580	1321	1345	468	476	1427	1451	378	384	1490	1516	329	335
525	4000	1481	1507	690	702	1625	1654	561	570	1755	1785	446	454	1832	1863	384	391
525	5000	1827	1859	840	854	2005	2040	677	688	2165	2202	532	541	2259	2298	452	461



Paranchi standard SERIE MX MX SERIES standard hoists

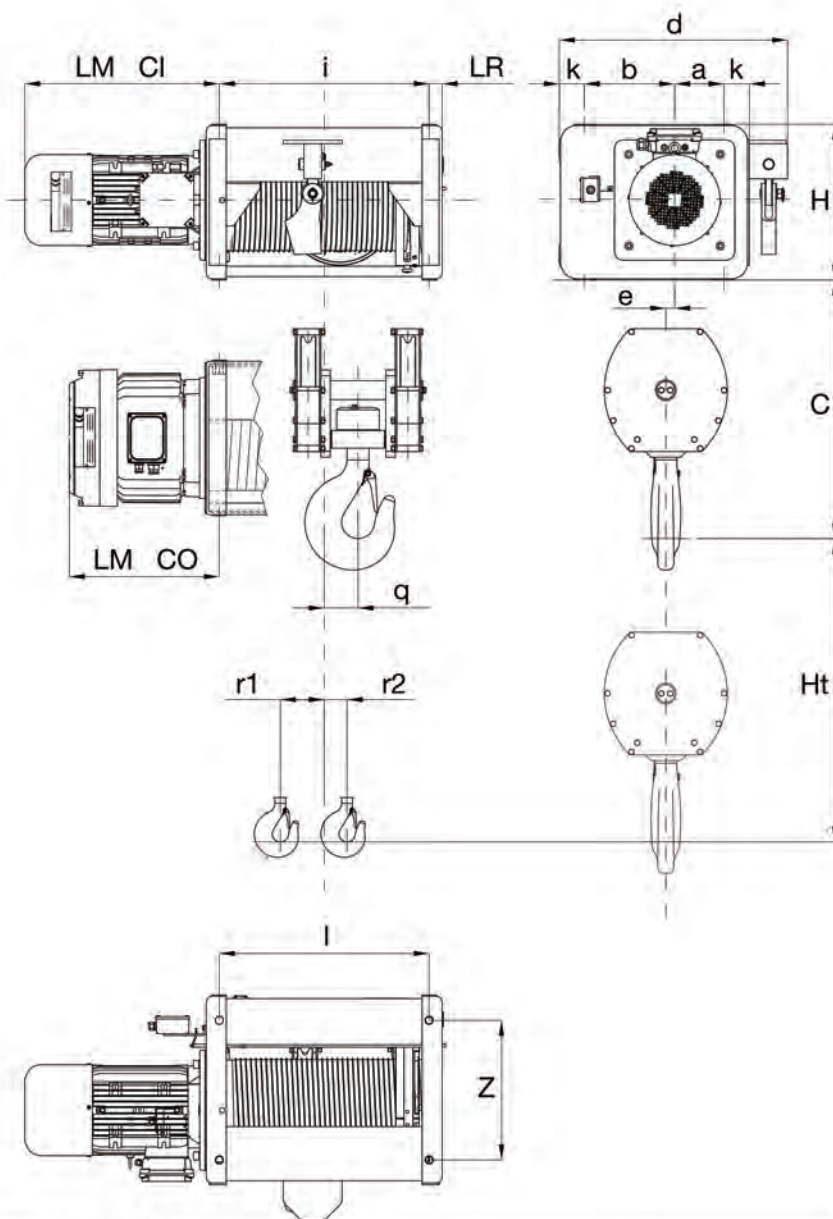
MX 740 / 750 / 963 / 980 / 1100 / 1125

Portata Capacity 12,5÷50 t

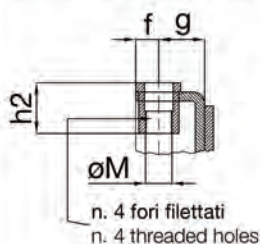
S4 4 TIRI DI FUNE (4/1) - 4 ROPE FALLS (4/1)

Tipo 5 APPOGGIATO - SUPPORTED

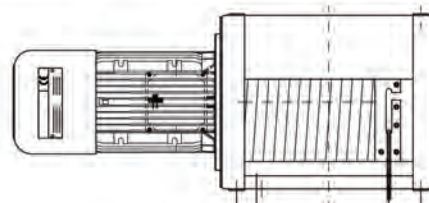
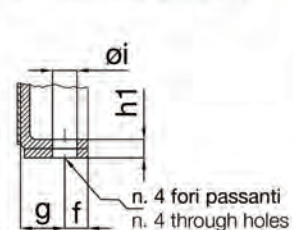
Tipo 5C1 SOSPESO - SUSPENDED



Fissaggio paranchi sospesi
Suspended hoist anchorage



Fissaggio paranchi appoggiati
Supported hoist anchorage



Posizione fune svolta
Uncoiled position

Posizione fune avvolta
Coiled position



Paranchi standard SERIE MX
MX SERIES standard hoists

Dimensioni fisse
Fixed dimensions

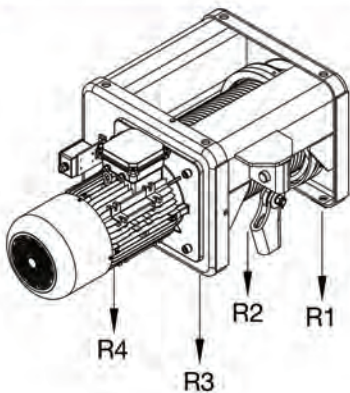
Portata WLL	Gruppo Group	Paranco Hoist type	C	H	a	b	Z (a+b)	d	k	e	ei	f	g	øM	h1	h2	m	n
Kg	FEM	MX	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
12500	3m	740 - 4/1	840	530	168	307	475	771	81	30	25	24	45	M27	17	47	65	85
16000	2m	740 - 4/1	840	530	168	307	475	771	81	30	25	24	45	M27	17	47	65	85
20000	2m	750 - 4/1	880	530	168	307	475	771	81	30	25	24	45	M27	17	47	65	85
20000	3m	963 - 4/1	1000	625	200	340	540	860	92	29	39	29	60	M36	24	66	55	90
25000	2m	963 - 4/1	1000	625	200	340	540	860	92	29	39	29	60	M36	24	66	55	90
32000**	1Am	980 - 4/1	1100	625	200	340	540	860	92	29	39	29	60	M36	24	66	55	90
40000*	2m	1100 - 4/1	1200	810	233	452	685	1140	138	54	39	40	80	M30*	19	58	75	120
50000*	1Am	1125 - 4/1	1200	810	233	452	685	1140	138	54	39	40	80	M30*	19	58	75	120

* Non utilizzabile per versione sospesa / Not suitable for suspended version
** Esecuzione sospesa su richiesta / Suspended execution upon request

Dimensioni variabili
Variable dimensions

Portata WLL	Gruppo Group	Paranco Hoist type	Corsa gancio Hook travel	l	q	r1	r2	LMCI				LMCO				LR	Peso Weight
Kg	FEM	MX	m	mm	mm	mm	mm	mm N	mm V	mm NA	mm VA	mm N	mm V	mm NA	mm VA	mm	Kg
12500	3m	740 - 4/1	6,5	563	35	71	/	670	/	670	/	480	/	520	/	45	740
			9	713	115	31	/										860
			12,5	928	223	/	22										920
16000	2m	750 - 4/1	16	1143	330	/	76	670	/	670	/	480	/	520	/	45	990
			6,5	563	38	69	/										920
			9	713	115	31	/										970
20000	2m	963 - 4/1	12,5	928	223	/	22	670	/	670	/	480	/	520	/	45	1040
			16	1143	320	/	76										1100
			10	840	130	52	/										1140
20000	3m	963 - 4/1	16	1255	338	/	51	890	/	890	/	495	/	535	/	60	1350
			24	1755	588	/	177										1600
			10	840	130	52	/										1140
25000	2m	963 - 4/1	16	1255	338	/	51	890	/	890	/	495	/	535	/	60	1350
			24	1755	588	/	177										1600
			10	840	130	52	/										1440
32000	1Am	980 - 4/1	16	1255	338	/	51	890	/	890	/	495	/	535	/	60	1640
			24	1755	588	/	177										1900
			11	977	193	12	/										2670
40000	2m	1100 - 4/1	14	1162	285	/	35	890	/	890	/	555	/	585	/	150	2820
			18	1402	405	/	95										3030
			26	1912	660	/	222										3450
50000	1Am	1125 - 4/1	11	977	193	12	/	890	/	890	/	555	/	585	/	150	2670
			14	1162	285	/	35										2820
			18	1402	405	/	95										3030
			26	1912	660	/	222										3450

Reazioni statiche
Static reactions



Paranco Hoist	Portata Capacity	Corse gancio Hook travel															
		H6,5				H9				H12,5				H16			
MX	Kg	R1 daN	R2 daN	R3 daN	R4 daN	R1 daN	R2 daN	R3 daN	R4 daN	R1 daN	R2 daN	R3 daN	R4 daN	R1 daN	R2 daN	R3 daN	R4 daN
740	12500	4350	3069	3413	2408	5110	3606	2723	1921	5713	4030	2156	1521	6091	4298	1818	1283
740	16000	5506	3884	4309	3041	6467	4563	3418	2412	7232	5102	2689	1897	7710	5440	2251	1589
750	20000	6880	4855	5385	3800	8052	5682	4243	2993	9006	6354	3330	2350	9595	6770	2776	1959
MX	Kg	H10				H16				H24				/			
963	20000	7887	5808	4288	3157	9280	6834	3016	2220	10117	7449	2323	1711	/	/	/	/
963	25000	9773	7196	5282	3889	11496	8464	3680	2710	12521	9220	2798	2061	/	/	/	/
980	32000	12511	9213	6748	4968	14702	10826	4672	3440	16001	11782	3523	2594	/	/	/	/
MX	Kg	H11				H14				H18				H26			
1100	40000	17037	12285	7755	5593	18202	13125	6678	4815	19287	13908	5714	4121	20732	14950	4513	3255
1125	50000	21090	15208	9513	6859	22532	16248	8158	5882	23871	17213	6941	5005	25643	18491	5413	3903



Paranchi standard SERIE MX

MX SERIES standard hoists

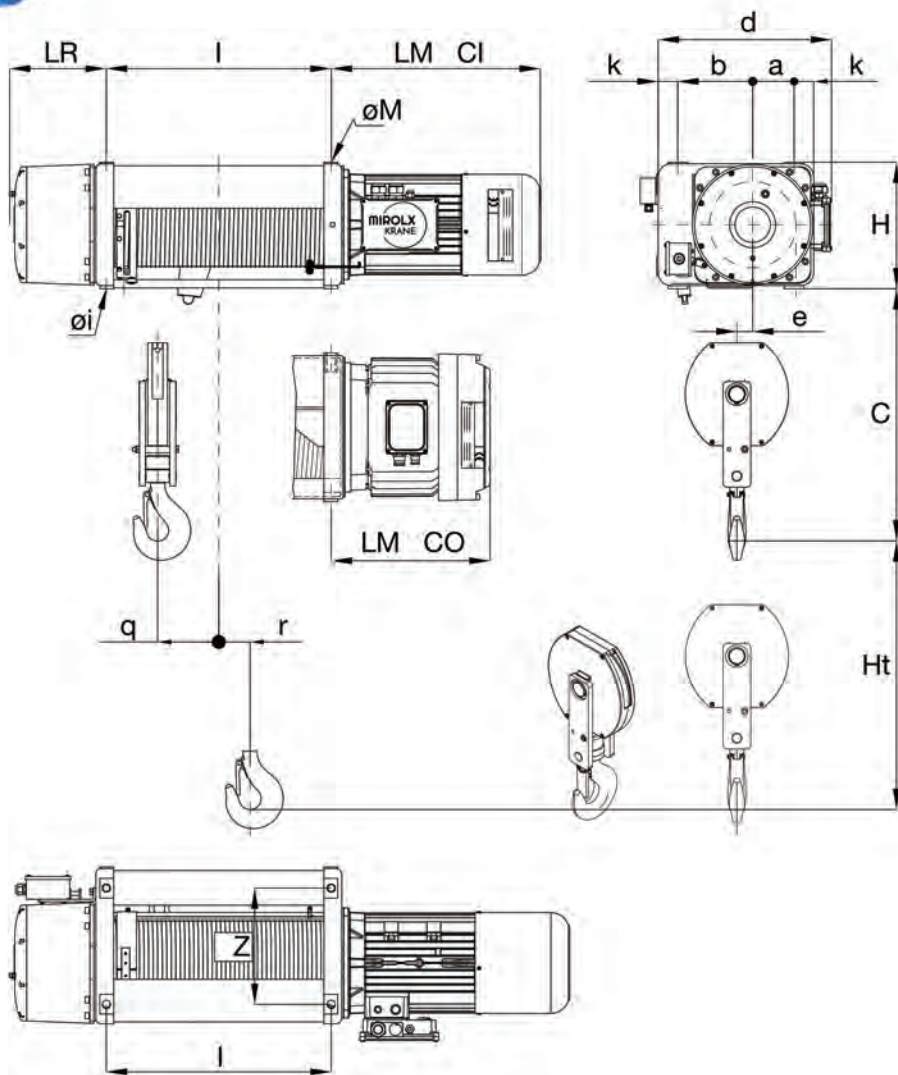
MX 308 / 312 / 316 / 525

Portata Capacity 1÷5 t

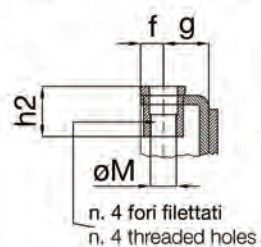
S2 2 TIRI DI FUNE (2/1) - 2 ROPE FALLS (2/1)

Tipo 5 APPOGGIATO - SUPPORTED

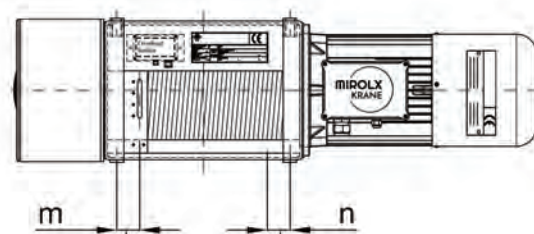
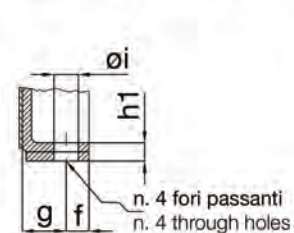
Tipo 5C1 SOSPEO - SUSPENDED



Fissaggio paranchi sospesi
Suspended hoist anchorage



Fissaggio paranchi appoggiati
Supported hoist anchorage



Posizione fune avvolta
Coiled position

Posizione fune svolta
Uncoiled position



Paranchi standard **SERIE MX**
MX SERIES standard hoists

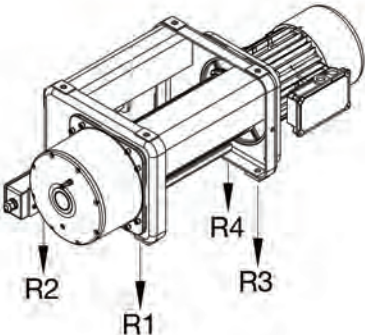
Dimensioni fisse
Fixed dimensions

Portata WLL	Gruppo Group	Paranco Hoist type	C	H	a	b	Z (a+b)	d	k	e	ei	f	g	eM	h1	h2	m	n
Kg	FEM	MX	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	M	mm	mm	mm	mm
1000	3m	308 - 2/1	570	325	105	190	295	500	50	53	15	19	27	M14	13	28	45	48
1600	2m	308 - 2/1	570	325	105	190	295	490	50	53	15	19	27	M14	13	28	45	48
2500	2m	312 - 2/1	640	325	105	190	295	490	50	40	17	19	27	M20	13	34	48	56
3200	2m	316 - 2/1	640	325	105	190	295	490	50	40	17	19	27	M20	13	34	48	56
5000	2m	525 - 2/1	730	380	133	212	345	560	53	41	21	21	31	M24	18	48	60	61

Dimensioni variabili
Variable dimensions

Portata WLL	Gruppo Group	Paranco Hoist type	Corsa gancio Hook travel	l	q	r	LMCI				LMCO				LR	Peso Weight
Kg	FEM	MX	m	mm	mm	mm	mm N	mm V	mm NA	mm VA	mm N	mm V	mm NA	mm VA		Kg
1000	3m	308 - 2/1	10	395	91	61	460	460	490	490	315	375	385	420	200	190
			14	520	154											200
1600	2m		20	700	244											212
			26	885	377											224
2500	2m	312 - 2/1	10	440	90	77	460	460	490	565	375	420	420	420	250	255
			14	570	155											270
			20	775	258											290
			26	975	358											310
3200	2m	316 - 2/1	10	440	90	77	460	565	500	565	375	/	420	/	250	270
			14	570	155											290
			20	775	258											310
			26	975	358											330
5000	2m	525 - 2/1	10	455	90	78	600	600	600	650	415	465	460	505	270	380
			14	590	157											410
			20	795	260											440
			26	995	360											470

Reazioni statiche
Static reactions



Paranco Hoist type	Portata WLL	Corse gancio Hook travel															
		H10				H14				H20				H26			
		R1 daN	R2 daN	R3 daN	R4 daN	R1 daN	R2 daN	R3 daN	R4 daN	R1 daN	R2 daN	R3 daN	R4 daN	R1 daN	R2 daN	R3 daN	R4 daN
MX	Kg																
308	1000	384	443	168	195	417	482	140	161	445	513	118	136	463	533	106	122
308	1600	588	678	243	281	639	738	197	226	681	786	160	185	708	817	139	160
312	2000	784	757	363	351	857	828	298	287	924	894	240	232	965	932	210	203
312	2500	963	930	438	424	1053	1018	356	343	1136	1099	282	273	1185	1146	244	235
316	3200	1217	1177	547	529	1333	1288	442	427	1438	1390	347	335	1499	1449	296	286
525	3200	1204	1226	570	580	1321	1345	468	476	1427	1451	378	384	1490	1516	329	335
525	4000	1481	1507	690	702	1625	1654	561	570	1755	1785	446	454	1832	1863	384	391
525	5000	1827	1859	840	854	2005	2040	677	688	2165	2202	532	541	2259	2298	452	461



Paranchi standard SERIE MX

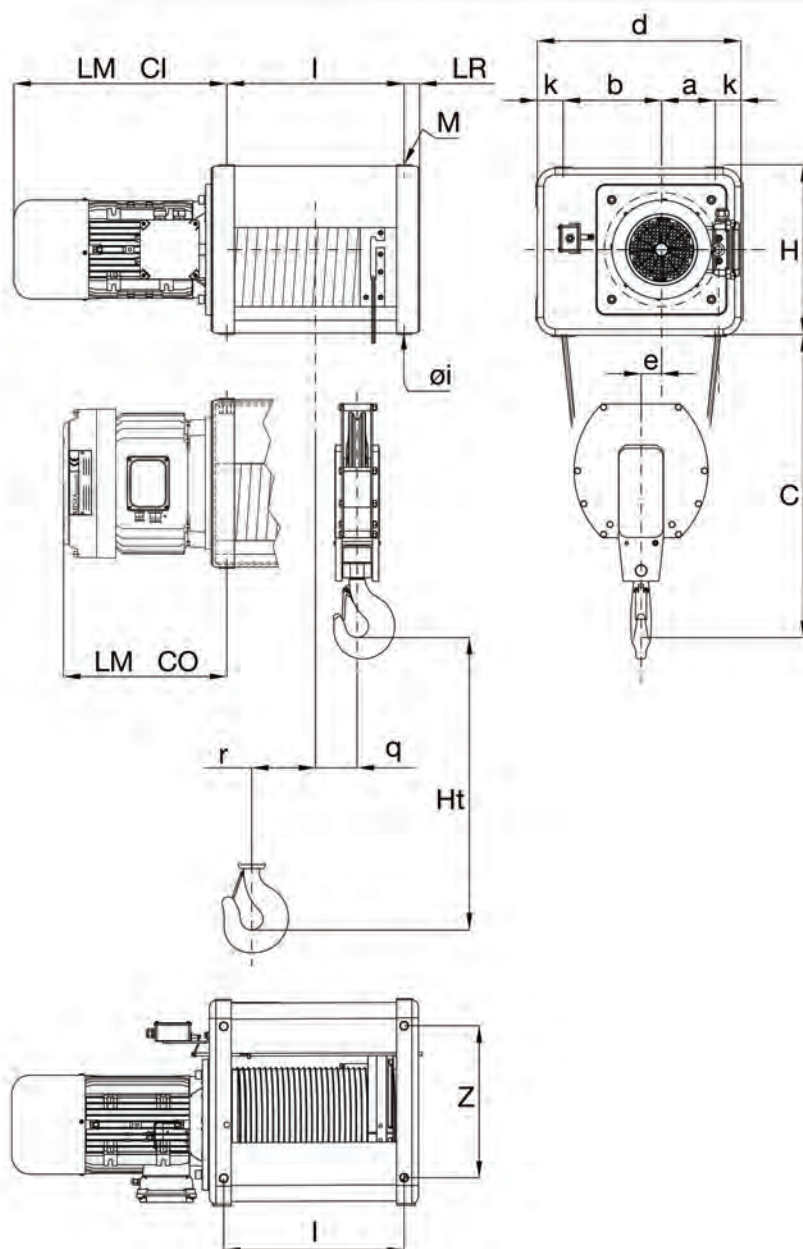
MX SERIES standard hoists

MX 740 / 750 / 963 / 980 / 1100 / 1125
Portata Capacity 6,3÷25 t

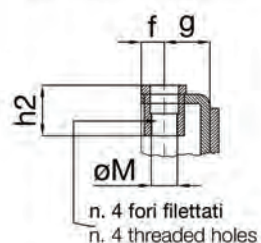
S2 2 TIRI DI FUNE (2/1) - 2 ROPE FALLS (2/1)

Tipo 5 APPOGGIATO - SUPPORTED

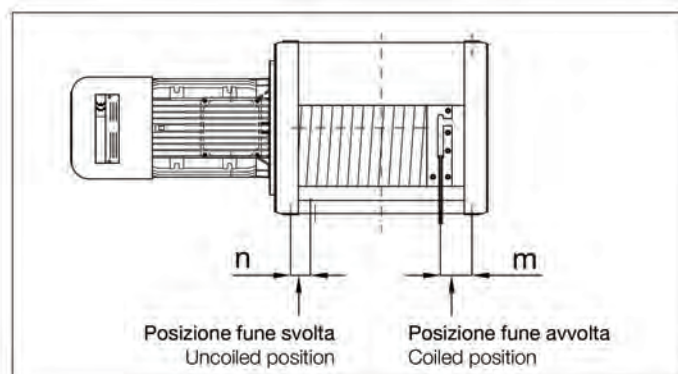
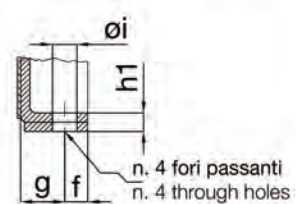
Tipo 5C1 SOSPEO - SUSPENDED



Fissaggio paranchi sospesi
 Suspended hoist anchorage



Fissaggio paranchi appoggiati
 Supported hoist anchorage





Paranchi standard SERIE MX
MX SERIES standard hoists

Dimensioni fisse
Fixed dimensions

Table with 19 columns: Portata WLL, Gruppo, Paranco Hoist type, C, H, a, b, Z (a+b), d, k, e, øi, f, g, øM, h1, h2, m, n. Rows include capacities from 6300 to 25000 kg and various hoist types.

* Non utilizzabile per versione sospesa / Not suitable for suspended version

Dimensioni variabili
Variable dimensions

Table with 17 columns: Portata WLL, Gruppo, Paranco Hoist type, Corsa gancio Hook travel, l, q, r, LMCI (mm N, V, NA, VA), LMCO (mm N, V, NA, VA), LR, Peso Weight Kg. Rows show variable dimensions for different capacities and hoist types.

Reazioni statiche
Static reactions

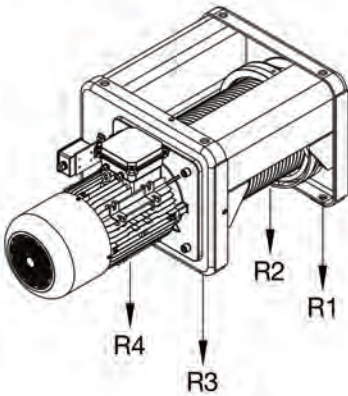


Table with 18 columns: Paranco Hoist, Portata Capacity, and 16 columns for Corse gancio Hook travel (H13, H18, H25, H32). Rows provide static reaction data for various capacities and hook travel distances.



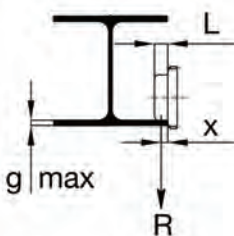
Paranchi standard **SERIE MX**
MX SERIES standard hoists

MX 308 / 312 / 316 / 525

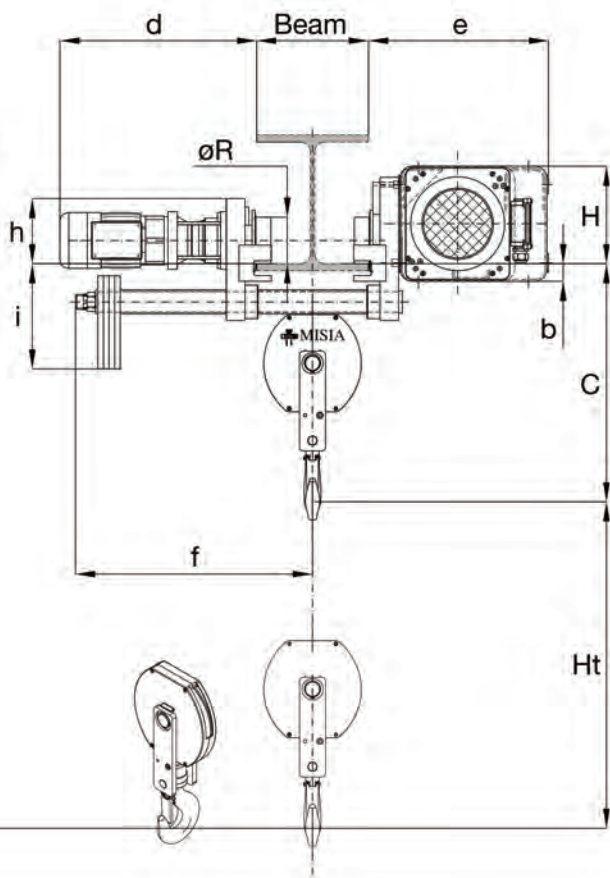
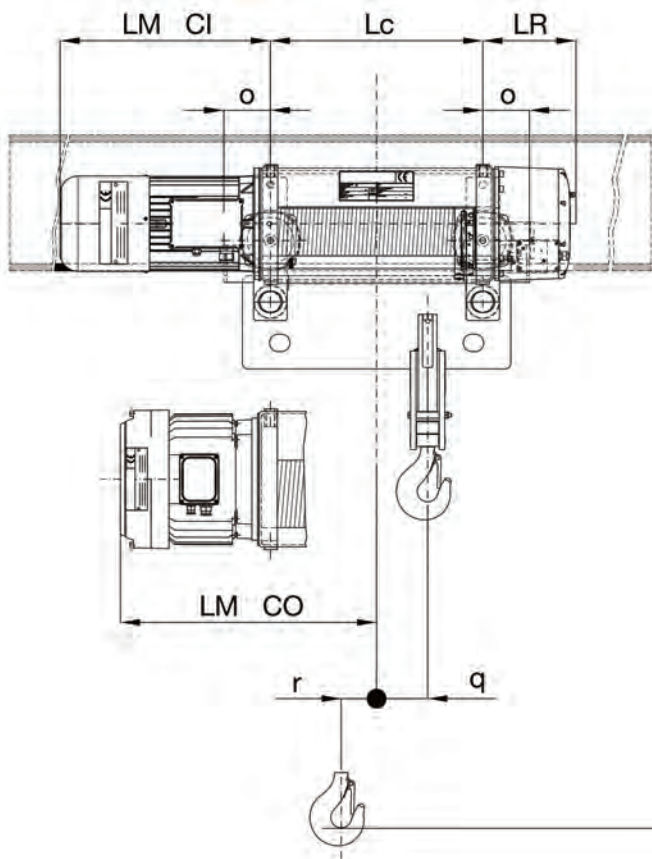
S2 2 TIRI DI FUNE (2/1) - 2 ROPE FALLS (2/1)
Tipo 83 CARRELLO MONOTRAVE A INGOMBRO RIDOTTO
MONORAIL TROLLEY LOW HEADROOM



Diametro ruota Wheel diameter	x	L	g max
mm	mm	mm	mm
125	20	40	28



R = Per single wheel





Paranchi standard SERIE MX

MX SERIES standard hoists

Dimensioni fisse

Fixed dimensions

Portata WLL	Gruppo Group	Paranco Hoist type	C	H	e	d	h	i	øR	b	f*	o	Larghezza min ala trave Min flange width	Larghezza max trave per quota C Max beam flange x C quote
Kg	FEM	MX	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
1000	3m	308 - 2/1	700	240	470	430	140	290	125	70	620	100	110	300
1600	2m	308 - 2/1	700	240	470	430	140	290	125	70	620	100	110	300
2500	2m	312 - 2/1	680	240	470	430	140	290	125	70	620	100	110	300
3200	2m	316 - 2/1	680	240	470	430	140	290	125	70	620	100	110	300
5000	2m	525 - 2/1	730	305	550	485	140	340	125	75	650	100	110	300

Nota: 1) Per le ali travi superiori a quelle indicate, la quota "C" (ingombro gancio) aumenta di 12 mm ogni 10 mm di larghezza ala trave.
* La quota "f" indicata è valida per ala trave di 300 mm; con ala diversa, aumenta o diminuisce di metà della differenza ala trave.

Note: 1) For beam sizes wider than those shown, the "C" dimension (hook to girder min. size) increases of 12 mm every 10 mm of wider beam size.
* The dimension "f" shown is valid for beam size 300 mm; with different beam size it increases or decreases of half of the difference of the beam size.

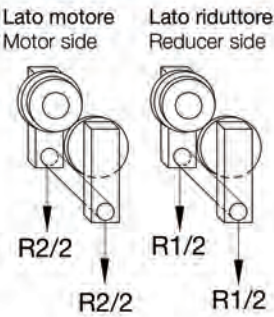
Dimensioni variabili

Variable dimensions

Portata WLL	Gruppo Group	Paranco Hoist type	Corsa gancio Hook travel	Lc	q	r	LMCI				LMCO				LR	Peso Weight
Kg	FEM	MX	m	mm	mm	mm	mm N	mm V	mm NA	mm VA	mm N	mm V	mm NA	mm VA		Kg
1000	3m	308 - 2/1	10	395	91	61	460	460	490	490	315	375	385	420	200	360
			14	520	154											390
1600	2m		20	700	244											430
			26	885	377											470
2500	2m	312 - 2/1	10	440	90	77	460	460	490	565	375	420	420	420	250	435
			14	570	155											470
			20	775	258											520
			26	975	358											560
3200	2m	316 - 2/1	10	440	90	77	460	565	500	565	375	/	420	/	250	460
			14	570	155											490
			20	775	258											530
			26	975	358											580
5000	2m	525 - 2/1	10	455	90	78	600	600	600	650	415	465	460	505	270	650
			14	590	157											720
			20	795	260											760
			26	995	360											830

Reazioni statiche

Static reactions



Carico sulla singola ruota = $\frac{R1}{2}$ $\frac{R2}{2}$
Load on the single wheel = $\frac{R1}{2}$ $\frac{R2}{2}$

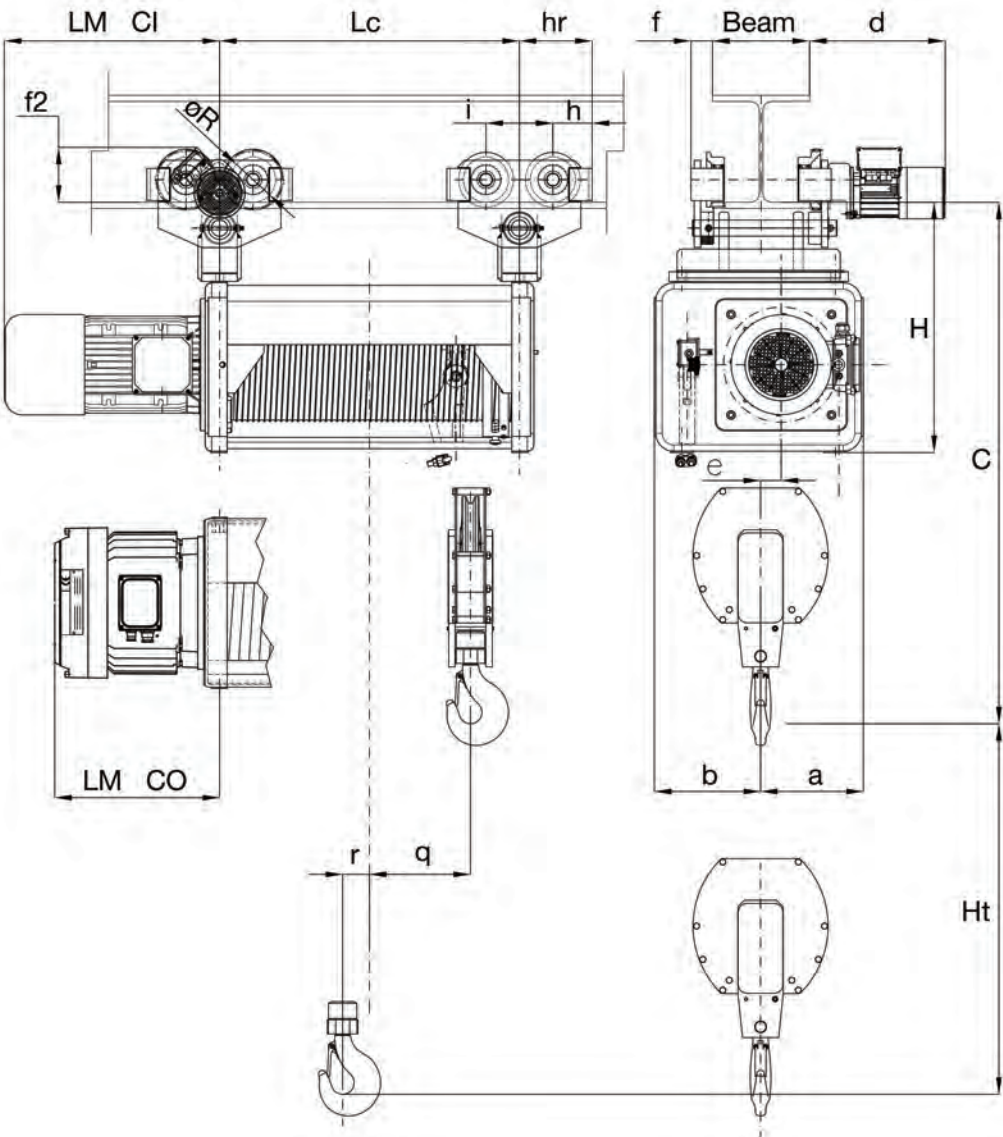
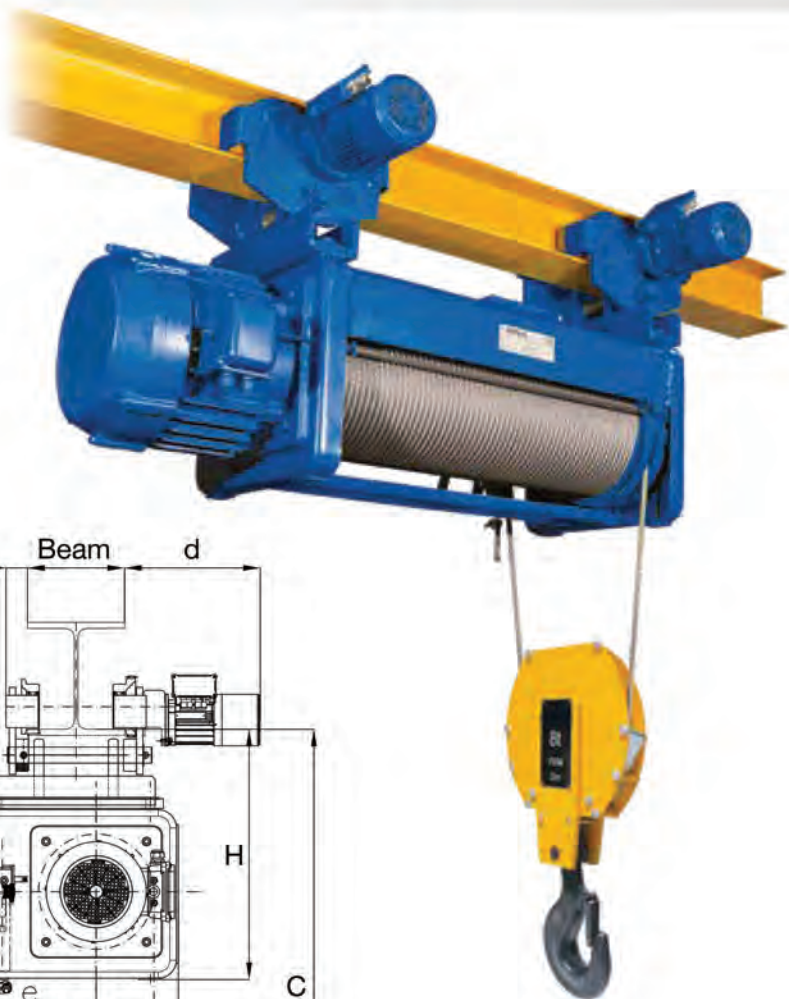
Paranco Hoist type	Portata WLL Kg	Corse gancio Hook travel							
		H10		H14		H20		H26	
		R1 daN	R2 daN	R1 daN	R2 daN	R1 daN	R2 daN	R1 daN	R2 daN
308	1000	917	452	998	401	1071	368	1124	355
308	1600	1355	614	1476	523	1580	459	1652	427
312	2000	1639	814	1793	695	1941	597	2030	548
312	2500	1992	961	2179	809	2357	681	2464	614
316	3200	2497	1181	2729	979	2945	803	3081	717
525	3200	2578	1300	2833	1115	3050	938	3197	861
525	4000	3136	1542	3446	1302	3711	1077	3886	972
525	5000	3834	1844	4212	1536	4538	1250	4748	1110



Paranchi standard SERIE MX
MX SERIES standard hoists

MX 740 / 750 / 963
Portata Capacity 6,3÷16 t

S2 2 TIRI DI FUNE (2/1) - 2 ROPE FALLS (2/1)
Tipo 3 A INGOMBRO NORMALE - STANDARD HEADROOM



Diametro ruota Wheel diameter	x	L	g max
mm	mm	mm	mm
140	20	40	25

R = Per single wheel



Paranchi standard SERIE MX
MX SERIES standard hoists

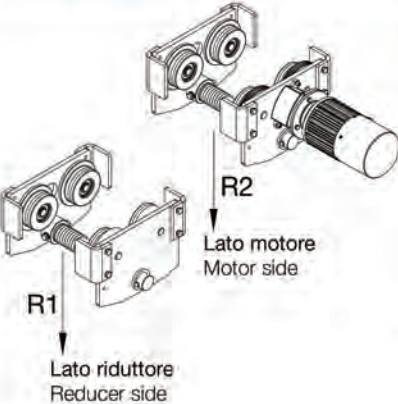
Dimensioni fisse
Fixed dimensions

Portata WLL	Gruppo Group	Paranco Hoist type	C	H	a	b	d	e	f	øR	f2	i	h	hr	Larghezza min ala trave Min flange width
Kg	FEM	MX	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
6300	3m	740 - 2/1	1650	775	410	410	410	64	70	140	165	207	125	225	120
8000	2m	740 - 2/1	1650	775	410	410	410	64	70	140	165	207	125	225	120
10000	2m	750 - 2/1	1700	775	410	410	410	64	70	140	165	207	125	225	120
10000	3m	963 - 2/1	2160	900	410	450	410	66	70	140	165	207	125	225	120
12500	2m	963 - 2/1	2160	900	410	450	410	66	100	160	235	310	150	310	150
16000	1Am	980 - 2/1	2160	900	410	450	350	66	250	160	235	310	150	310	150

Dimensioni variabili
Variable dimensions

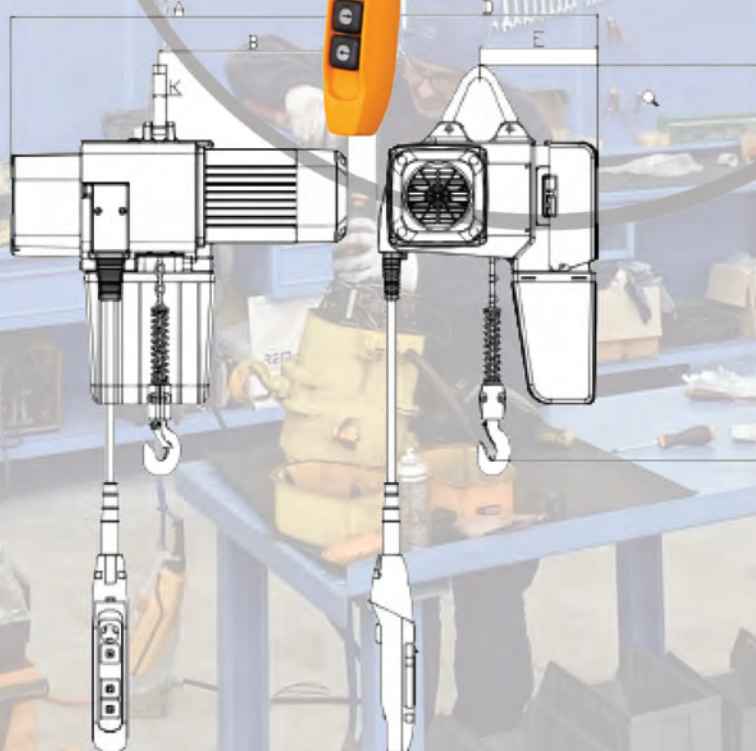
Portata WLL	Gruppo Group	Paranco Hoist type	Corsa gancio Hook travel	Lc	q	r	LMCI				LMCO				LR	Peso Weight									
Kg	FEM	MX	m	mm	mm	mm	mm N	mm V	mm NA	mm VA	mm N	mm V	mm NA	mm VA	mm	Kg									
6300	3m	740 - 2/1	13	563	130	83	670	/	670	/	480	/	520	/	45	910									
			18	713	160	950																			
8000	2m		25	928	268	133										1010									
			32	1143	375	1090																			
10000	2m	750 - 2/1	13	563	135	83										760	/	760	/	495	/	535	/	60	920
			18	713	160	970																			
			25	928	268	133																			1040
			32	1143	375	1192																			
10000	3m	963 - 2/1	20	840	230	134	760	/	760	/	495	/	535	/	60										1590
			32	1255	438	1790																			
			48	1755	688	2040																			
12500	2m	963 - 2/1	20	840	230	134	760	/	760	/	495	/	535	/	60										1590
			32	1255	438	1790																			
			48	1755	688	2040																			
16000	1Am	980 - 2/1	20	840	230	134	760	/	760	/	495	/	535	/	60	1830									
			32	1255	438	2030																			
			48	1755	688	2280																			

Reazioni statiche
Static reactions

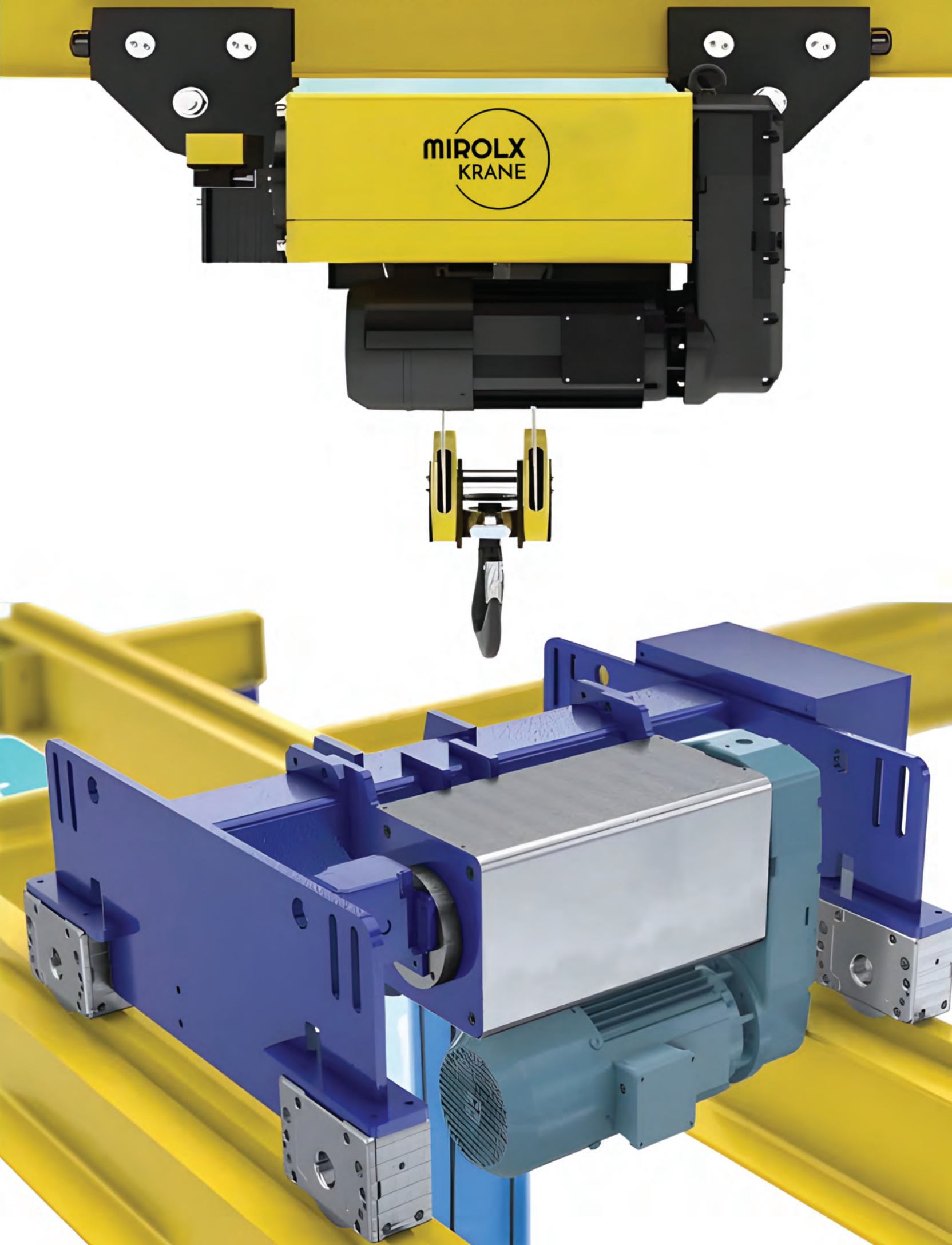


Paranco Hoist	Portata Capacity	Corse gancio Hook travel							
		H13		H18		H25		H32	
MX	Kg	R1 daN	R2 daN	R1 daN	R2 daN	R1 daN	R2 daN	R1 daN	R2 daN
740	6300	5111	2169	5089	2231	5530	1850	5820	1640
740	8000	6353	2627	6321	2699	6871	2209	7228	1932
750	10000	7820	3170	7780	3260	8463	2647	8939	2331
MX	Kg	H20		H32		H48		/	
963	10000	8606	3067	9481	2422	10041	2112	/	/
963	12500	10540	3633	11603	2800	12271	2382	/	/
980	16000	13480	4595	14790	3465	15613	2892	/	/

Carico sulla singola ruota = $\frac{R1}{4} \frac{R2}{4}$
Load on the single wheel = $\frac{R1}{4} \frac{R2}{4}$

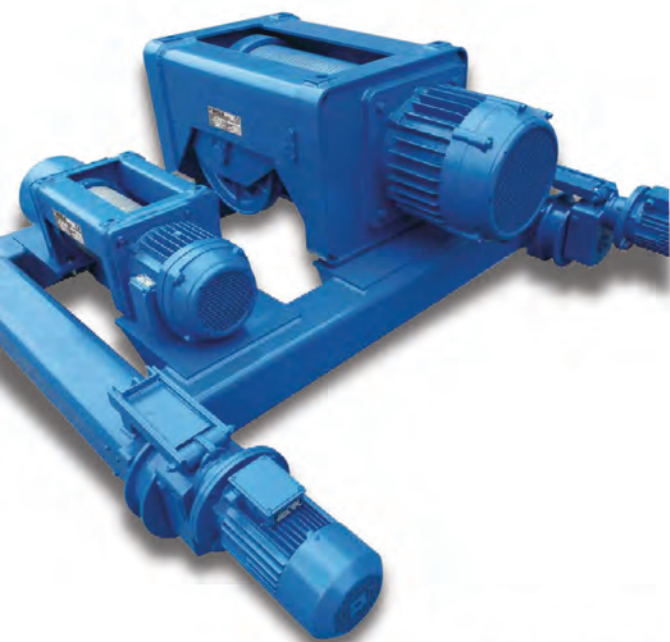


HIGH LIFTING HEIGHT

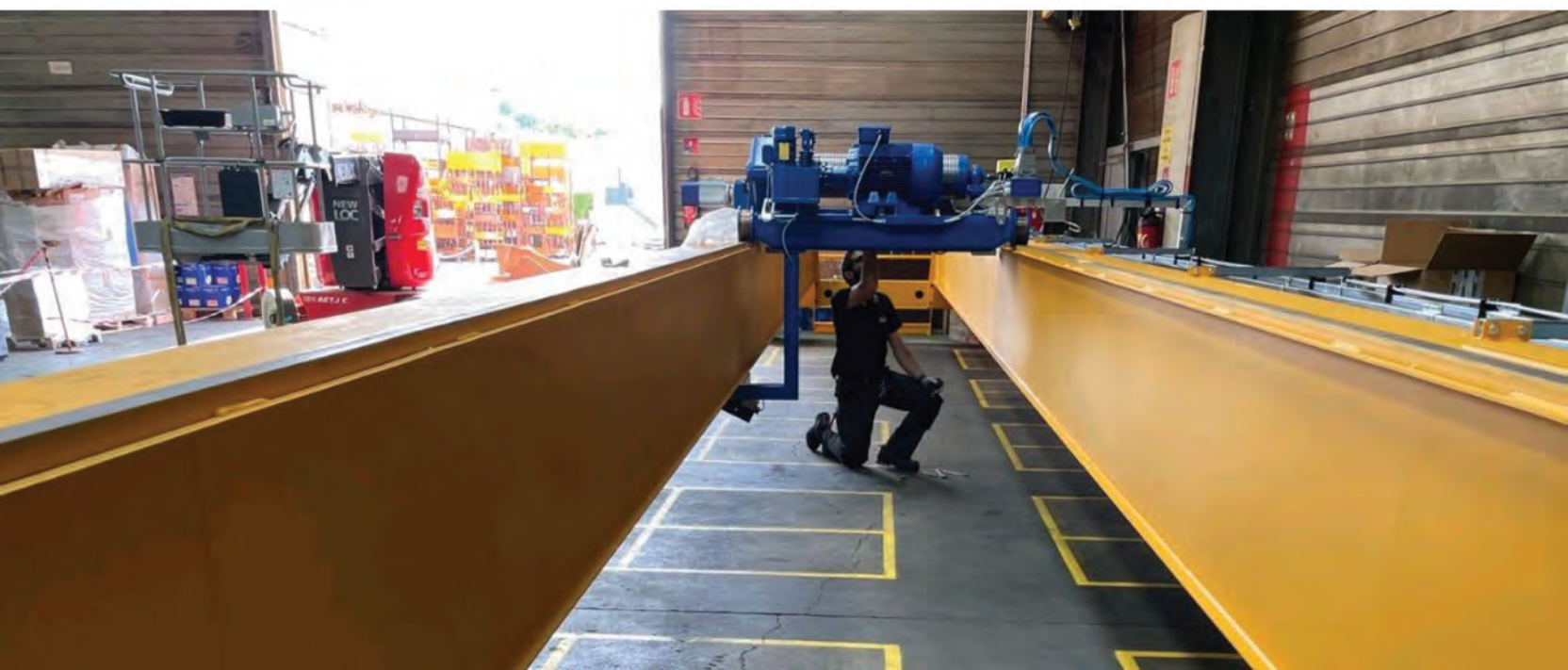
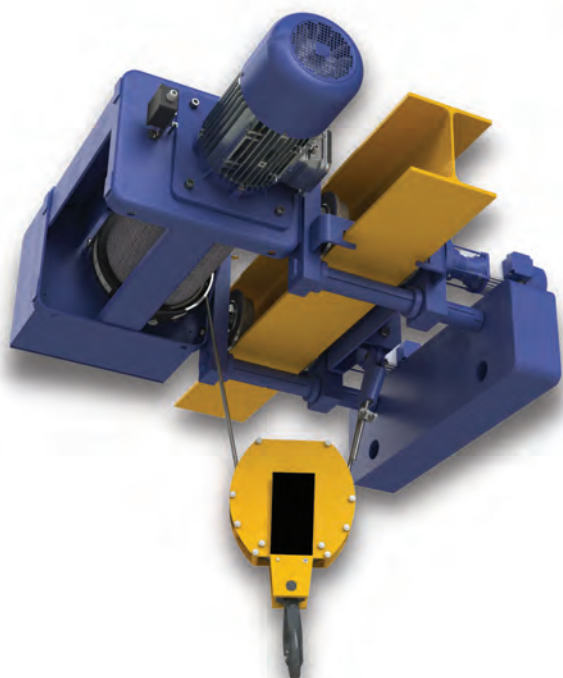




TRUE VERTICAL LIFT 4/2

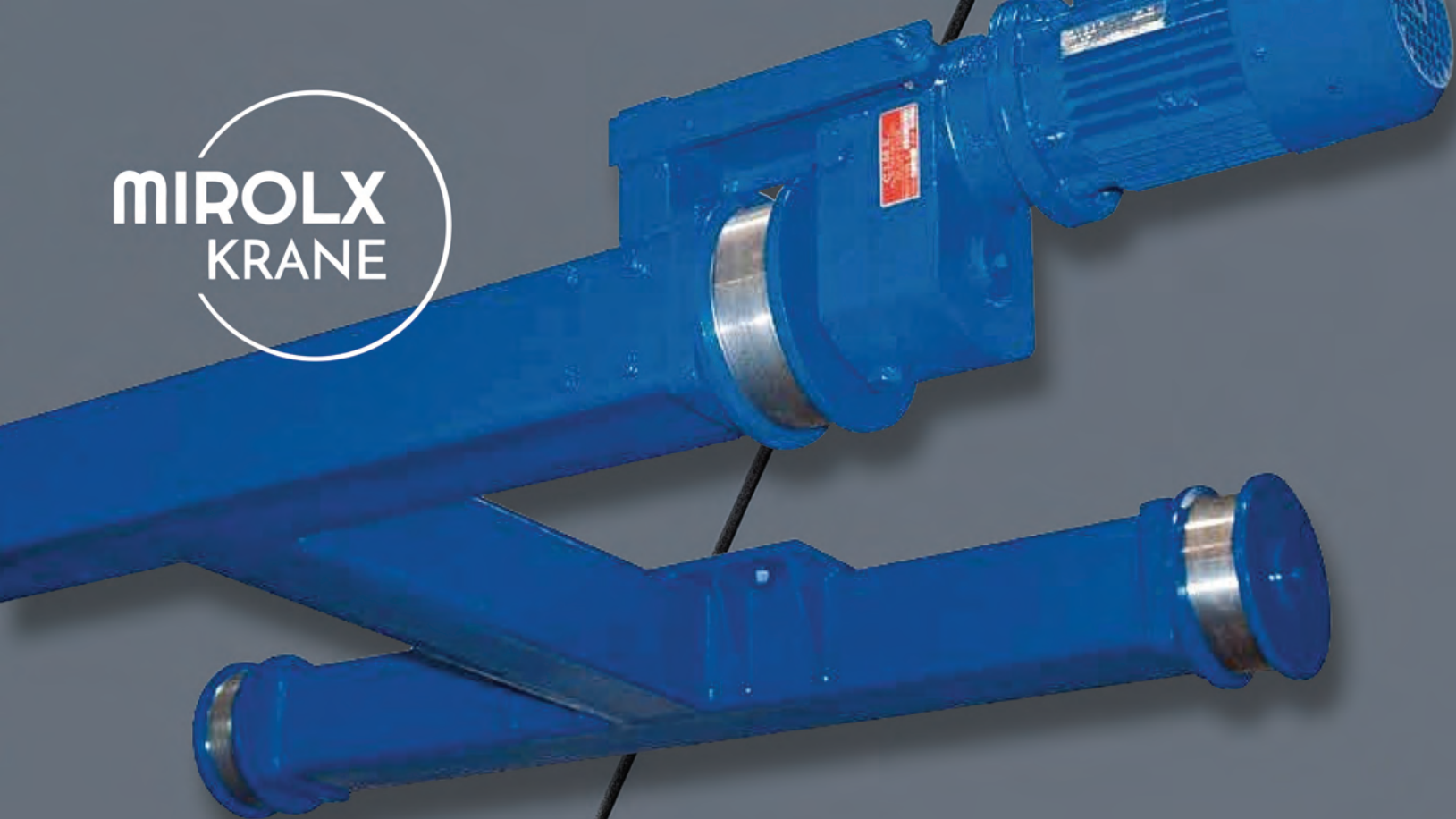


SPECIAL HOISTS





MIROLX
KRANE



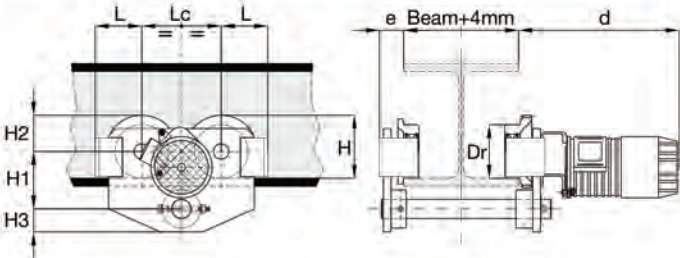
TROLLEYS



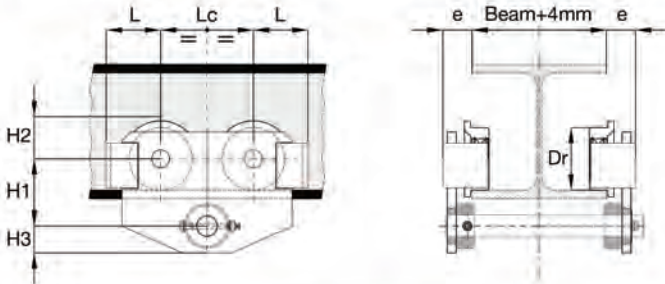
CARRELLI PER MONOROTAIE RETTILINEE
TROLLEYS FOR STRAIGHT MONORAIL

Tipo 3

-A- CARRELLO MOTORE - DRIVING TROLLEY



-B- CARRELLO FOLLE - IDLE TROLLEY



Portata max Max capacity	Dimensioni Dimensions										Velocità Speed	Potenza Power	Peso Weight	
	kg	DR mm	d mm	e mm	Lc mm	L mm	H mm	H1 mm	H2 mm	H3 mm			A kg	B kg
4500		120	450	60	183	110	142	130	60	50	18/6	0,37/0,12	65	45
10000		140	450	70	207	125	165	150	60	60	18/6	0,55/0,18	95	70
13250		140	310*	100	207	125	165	150	60	60	18/6	0,75/0,25	98	73
16000		160	300*	70	310	150	275	200	210	75	18/6	1,1/0,37	250	200
25000		210	310*	140	310	150	275	245	235	100	16/5,3	1,5/0,55	300	240

* Con motoriduttore ortogonale / With orthogonal motoreducer

MONORAIL TROLLEYS

Per carrelli paranco a ingombro normale idonei a scorrere su monorotaie con curve e precisamente:
Portata fino a 4 t raggio min. 1500 mm.
Portata fino a 10 t raggio min. 2500 mm.

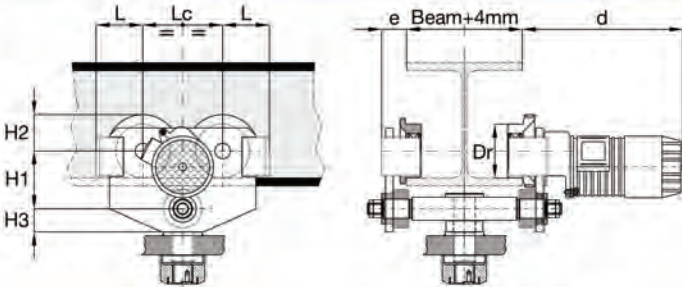
Articulated standard headroom monorail hoist units:
Lifting capacity up to 4 t (minimum radius 1500 mm).
Lifting capacity up to 10 t (minimum radius 2500 mm).

CARRELLI PER MONOROTAIE CURVE
TROLLEYS FOR CURVED MONORAIL

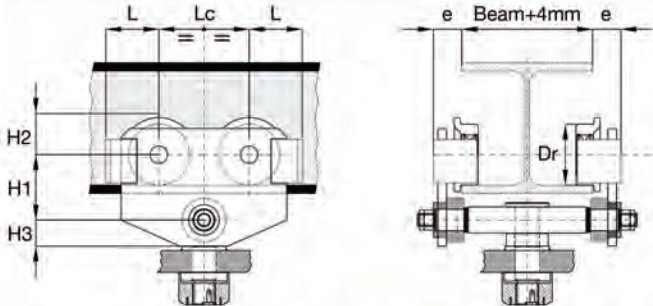
Tipo 43



-A- CARRELLO MOTORE - DRIVING TROLLEY

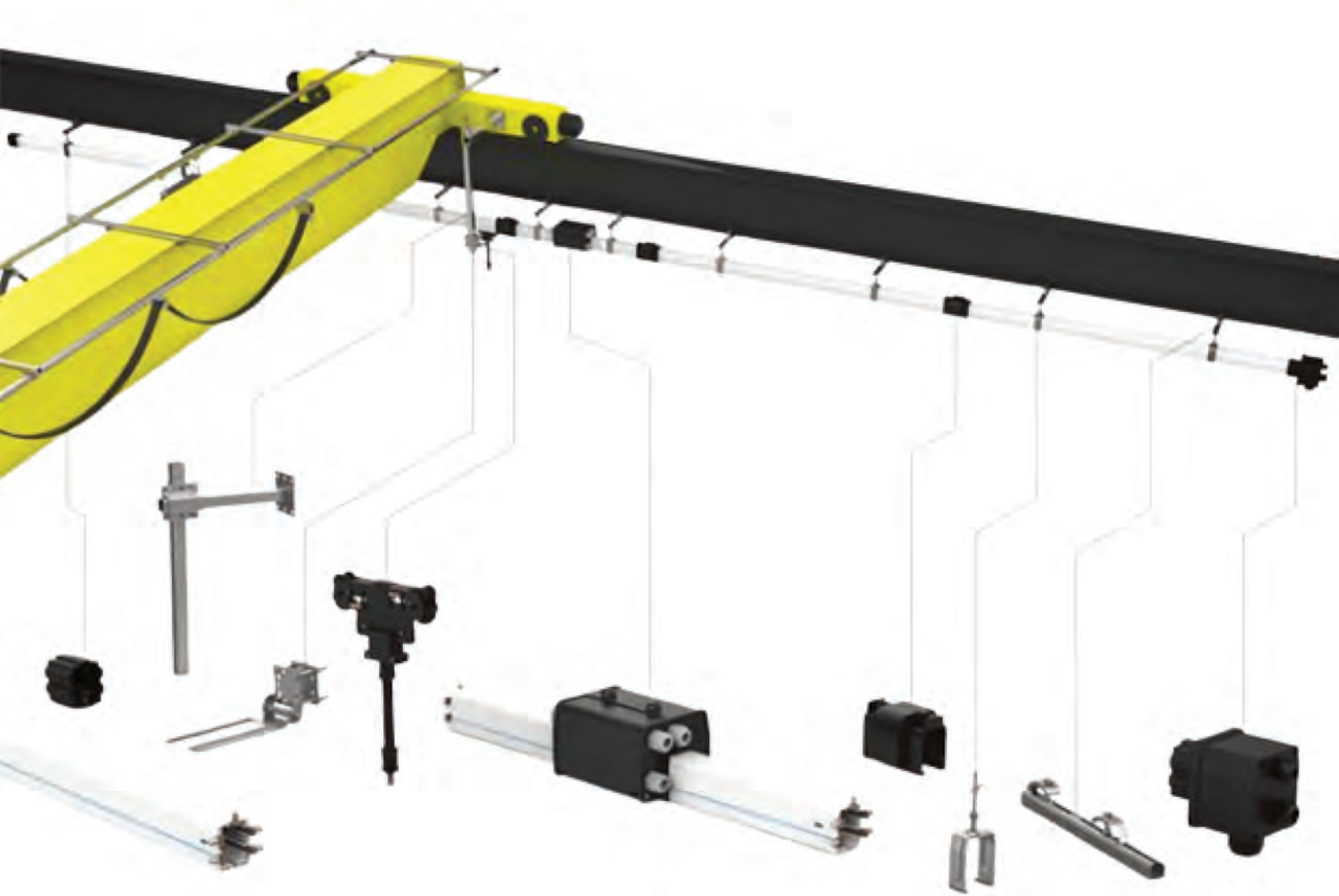


-B- CARRELLO FOLLE - IDLE TROLLEY



Portata max Max capacity	Raggio min Min radius	Dimensioni Dimensions									Velocità Speed	Potenza Power	Peso Weight	
kg	m	DR mm	d mm	e mm	Lc mm	L mm	H mm	H1 mm	H2 mm	H3 mm	m/min	kW	A kg	B kg
4500	1,5	120	450	110	183	110	142	130	60	50	18/6	0,37/0,12	80	60
10000	2,0	140	450	120	207	125	142	150	60	60	18/6	0,55/0,18	120	95
13250	2,0	140	250*	140	207	125	165	150	60	60	18/6	0,75/0,25	130	105
16000	3,5	160	300*	70	310	150	275	200	210	75	18/6	1,1/0,37	250	200
25000	3,5	210	310*	140	310	150	275	245	210	100	16/5,3	1,5/0,55	360	300

* Con motoriduttore ortogonale / With orthogonal motoreducer



MIROLX
HOISTS & CRANES
MR-XC-4

CROSS LIMIT SWITCH

Limit Angel: -180°x180°
ITH= 24A
UI= 690 V

1 YEAR WARRANTY
BELGIUM

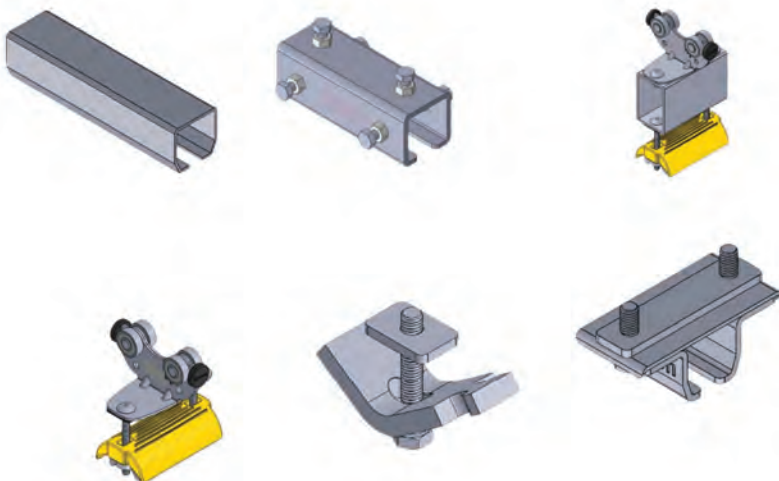
IP65

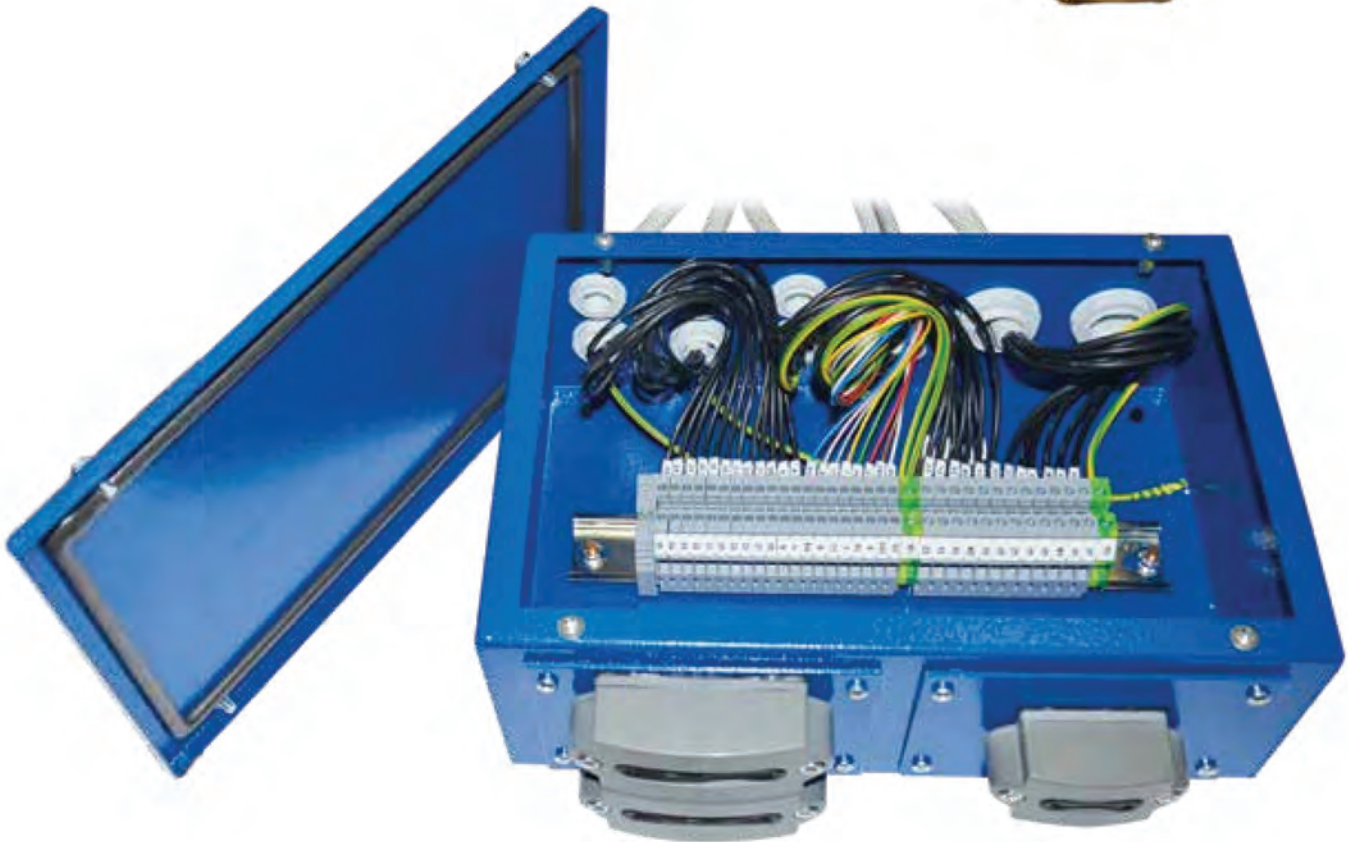
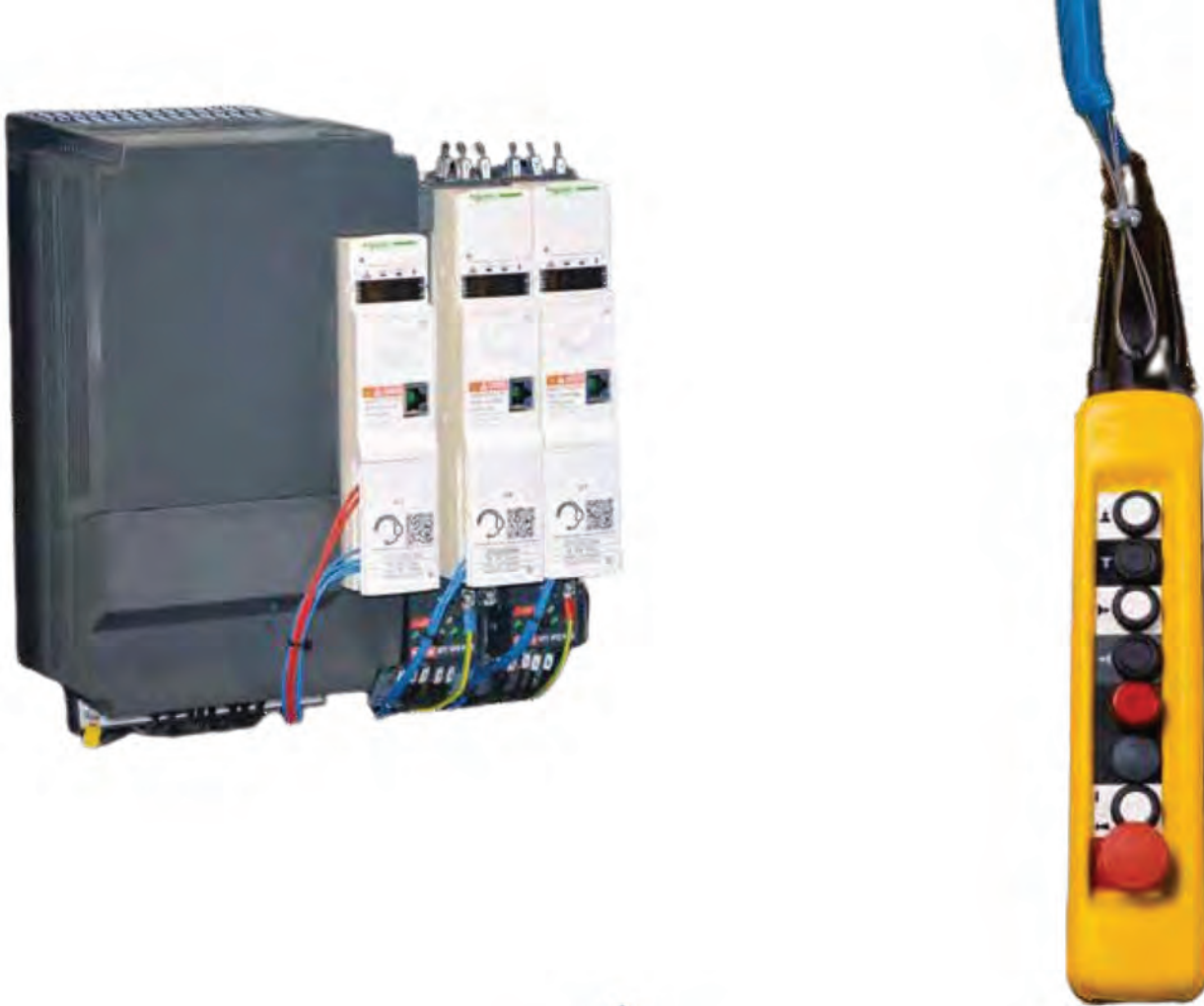
MIROLX
HOISTS & CRANES
MR-520 DUAL SPEED

REMOTE CONTROL UNIT

1 YEAR WARRANTY
BELGIUM

IP65

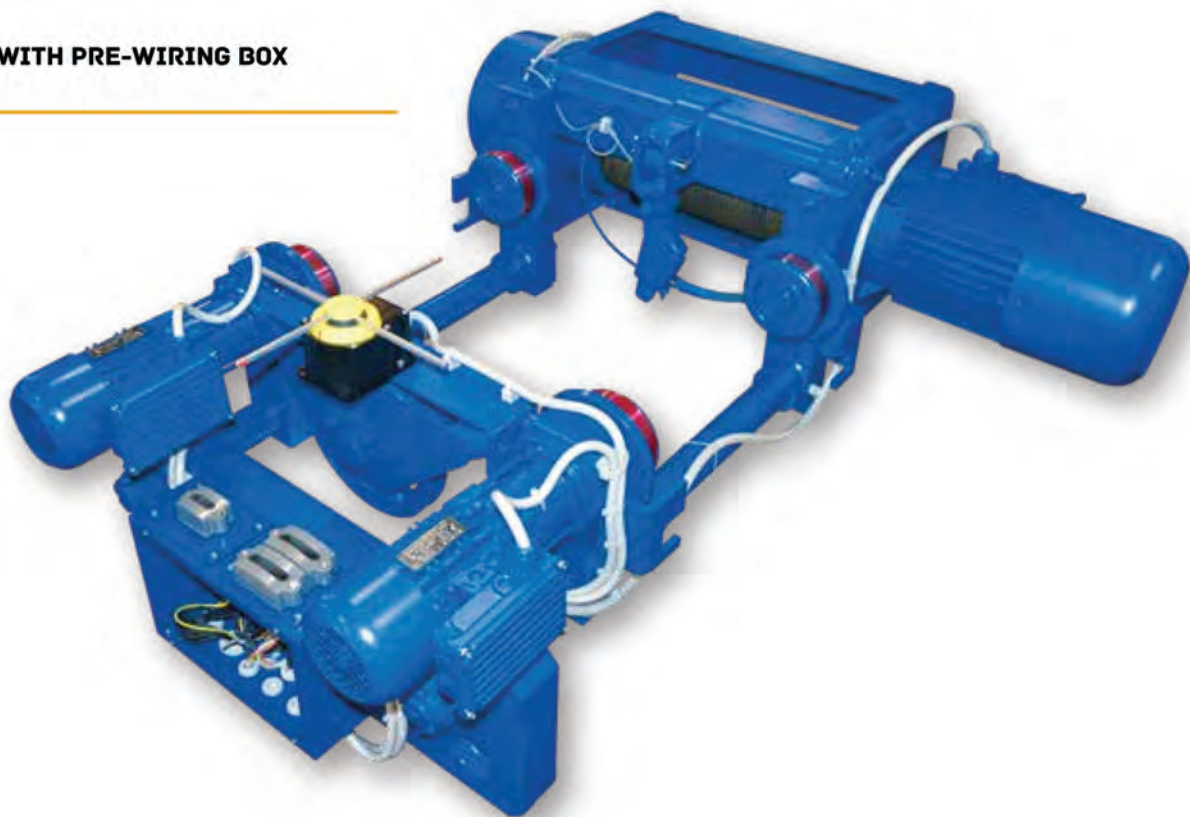




ELECTRICAL COMPONENTS

ELECTRICAL COMPONENTS

HOIST WITH PRE-WIRING BOX



Wiring box

Electrical control panel with connectors;
hoist trolley and crane “plug and play” type



MiROLX electric control panel is made with Schneider brand components.

ELECTRICAL COMPONENTS

ELECTRICAL PANEL “CLAMPS” TYPE



Inverter
Vfd control



Pendant push button complete of cable and plug socket

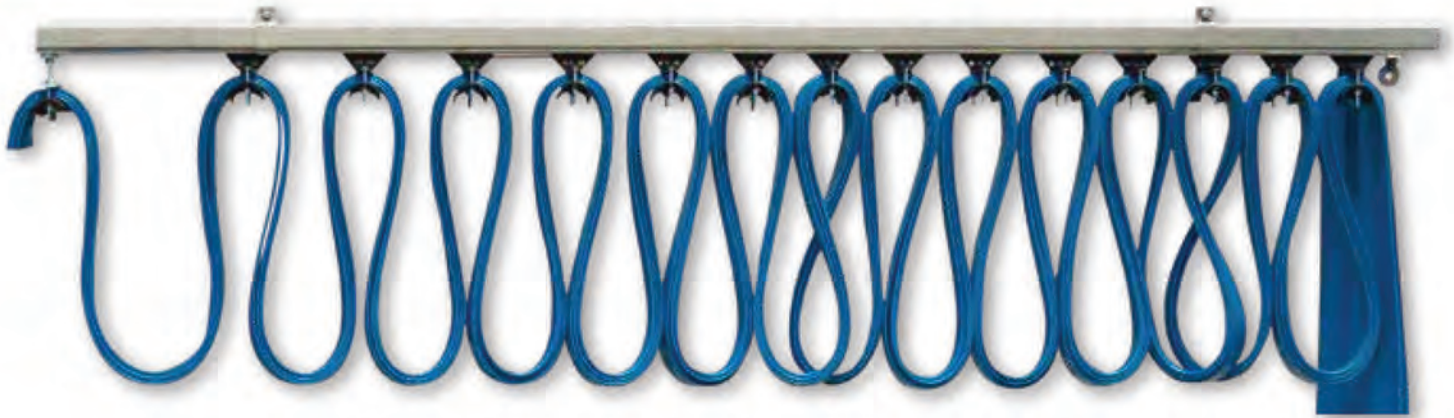


Wireless remote control complete of cable and plug socket



POWER SUPPLY SYSTEMS

FESTOON FEEDING LINE CHANNEL FOR STRAIGHT WAY



FESTOON FEEDING LINE IN SQUARE CHANNEL FOR CURVED WAY



PVC MULTI-POLE COPPER CONDUCTOR (BUS BAR)





ACCESSORIES





Electric Chain Hoist

The New One

**Durable, safe,
easy to use**

BEST CHOICE

- > **Frequency inverter technology**
Exact positioning of the load
- > **New electromagnetic brake**
Improved performance and safety
- > **Newly developed load sheave**
Smooth and low-noise operation
- > **High FEM classification**
M6/3m for capacities up to 500 kg and 2 speeds (dual speed)

Upgraded annealing process of load chain
Ensures ultimate resistance and durability



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MIROLX
KRANE

