

SX3 ELECTRIC CHAIN HOISTS



EXPERIENCE THE DIFFERENCE

### SX3 Range

The versatile Morris SX3 hoists are designed to ensure reliability, safety and ease of maintenance, helping maximise productivity.

This comprehensive range of hoists can be customised to suit a multitude of industrial applications. In summary it offers:

- Capacities from 60Kgs to 10,000kgs.
- Compact design for close headroom and hook approaches.
- Top hook suspension or push, geared and powered trolleys.
- Heavy duty 2m(FEM) and economic 1Bm(FEM) models.
- Units suitable for three phase and single phase power supplies.
- Two year warranty.
- Competitive prices.
- Rapid despatch.

In addition, ATEX certified SX3 explosion proof hoists for hazardous areas are available.



## SX3 Features

As standard, SX3 chain hoists provide a high specification:

- Two speed hoisting.
- Frequency controlled trolley drives for smooth traversing and minimal load swing.
- Upper and lower hoist limit switches.
- Slipping clutch load limiter.
- Hoist motors insulated to class F, 40% ED rated (3ph).
- Ambient temperature range  $-20^{\circ}\text{C}$  to  $+40^{\circ}\text{C}$ .
- IP55 enclosure protection for hoist and trolley.
- Zinc plated load chain.
- Corrosion resistant epoxy powder coated hoist body.
- 48v Low voltage contactor control.
- Plug in control pendant with emergency stop button and IP65 enclosure protection.





## SX3 Options

To ensure that the SX3 hoists suit the most challenging applications many optional features are available, these include:

- Frequency controlled hoist motors for precise control.
- Ergonomic hand controller for faster load handling.
- Alternative and variable travelling speeds.
- Low headroom trolley.
- Articulated trolley to suit curved runways.
- Second hoist brake for increased safety.
- Adjustable rotary limit switch for hoist.
- Travel limit switches.
- Thermal protection of hoist and trolley drives.
- Outdoor weather protection.
- Increased motor insulation and tropicalisation.
- Anti-condensation heating for hoist and trolley.
- Stainless steel chain, load hook and hook block.
- Radio remote control.



# SX3 ELECTRIC CHAIN HOISTS

SX3 Two Speed Hoists					
Hoist Model	SWL (Kg)	Duty		Speeds (m/min)	Chain Falls
		FEM	ISO		
SX30106	60	1Bm	M3	16/4	1
SX30112	125	1Bm	M3	8/2	1
SX30112		2m	M5	4/1	2
SX30212		2m	M5	8/2	1
SX30512		2m	M5	16/4	1
SX30125		1Bm	M3	4/1	2
SX30225	250	1Bm	M3	8/2	1
SX30225		2m	M5	4/1	2
SX30525		2m	M5	8/2	1
SX30525		1Bm	M3	16/4	1
SX30250		1Bm	M3	4/1	2
SX30550	500	1Bm	M3	8/2	1
SX30550		2m	M5	4/1	2
SX31050		2m	M5	8/2	1
SX31050		1Bm	M3	16/4	1
SX305100		1Bm	M3	4/1	2
SX310100	1000	1Bm	M3	8/2	1
SX310100		2m	M5	4/1	2
SX316100		2m	M5	8/2	1
SX310160		1Bm	M3	4/1	2
SX316160	1600	1Bm	M3	8/2	1
SX320160		2m	M5	8/2	1
SX310200	2000	1Bm	M3	4/1	2
SX316200		2m	M5	4/1	2
SX320200		1Bm	M3	8/2	1
SX325200		2m	M5	6.3/1.6	1
SX316250		1Bm	M3	4/1	2
SX320250	2500	2m	M5	4/1	2
SX325250		1Bm	M3	6.3/1.6	1
SX316320	3200	1Bm	M3	4/1	2
SX320320		2m	M5	4/1	2
SX320400	4000	1Bm	M3	4/1	2
SX325400		2m	M5	3.2/0.75	2
SX325500	5000	1Bm	M3	3.2/0.75	2
SX325500		2m	M5	2.1/0.5	3
SX320630	6300	1Bm	M3	2.7/0.5	3
SX325750	7500	1Bm	M3	2.1/0.5	3
SX3251000	10000	1Bm	M3	3.2/0.75	2x2

SX3 Inverter Controlled Hoists					
Hoist Model	SWL (Kg)	Duty		Speed Range (m/min)	Chain Falls
		FEM	ISO		
SX30525	250	2m	M5	0.8-8	1
SX30525		1Bm	M3	1.6-16	1
SX30550	500	1Bm	M3	0.8-8	1
SX31050		2m	M5	0.5-8	1
SX31050		2m	M5	1-16	1
SX305100		1Bm	M3	0.4-4	2
SX310100	1000	1Bm	M3	0.5-8	1
SX316100		2m	M5	0.5-8	1
SX310160	1600	1Bm	M3	0.25-4	2
SX316160		1Bm	M3	0.5-8	1
SX320160		2m	M5	0.8-8	1
SX310200	2000	1Bm	M3	0.25-4	2
SX316200		2m	M5	0.25-4	2
SX320200		1Bm	M3	0.5-8	1
SX325200		2m	M5	0.5-6.3	1
SX316250		1Bm	M3	0.25-4	2
SX320250	2500	2m	M5	0.25-4	2
SX325250		1Bm	M3	0.5-6.3	1
SX316320	3200	1Bm	M3	0.25-4	2
SX320320		2m	M5	0.4-4	2
SX320400	4000	1Bm	M3	0.25-4	2
SX325400		2m	M5	0.25-3.2	2
SX325500	5000	1Bm	M3	0.25-3.2	2
SX325500		2m	M5	0.2-2.1	3
SX320630	6300	1Bm	M3	0.2-2.7	3
SX325750	7500	1Bm	M3	0.2-2.1	3

**HOISTS**

**CRANES**

**PARTS**

**MODERNISATION**

**TRAINING**

**SERVICE**

**UNITED KINGDOM**

**Morris Material Handling Limited**  
PO Box 7  
North Road  
Loughborough  
Leicestershire  
LE11 1RL  
T: +44(0)1509 643200  
F: +44(0)1509 610666

**PAKISTAN LIAISON OFFICE**

**Pakistan Cranes & Hoists (Pvt) Ltd**  
3 F, Ijaz Centre  
Main Boulevard, Gulberg  
Lahore  
Pakistan  
P. + 92 42 575 2390  
+ 92 42 576 2348  
F. + 92 42 575 3290

**SAUDI ARABIA**

**Eastern Morris Crane Company**  
PO Box 13793  
Dammam 31414  
Kingdom of Saudi Arabia  
T: +9663 8473232 ext 101  
F: +9663 8472367

**SINGAPORE**

**Morris Material Handling Pte. Ltd**  
19A Tech Park Crescent  
Tuas Tech Park  
Singapore 637846  
T: +656 863 8122  
F: +656 863 8127