

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°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 |
| SX320160 | 2m | | M5 | 8/2 | 1 |
| SX310200 | 1Bm | | M3 | 4/1 | 2 |
| SX316200 | 2000 | 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 | | 1Bm | M3 | 4/1 | 2 |
| SX320320 | 3200 | 2m | M5 | 4/1 | 2 |
| SX320400 | | 1Bm | M3 | 4/1 | 2 |
| SX325400 | 4000 | 2m | M5 | 3.2/0.75 | 2 |
| SX325500 | | 1Bm | M3 | 3.2/0.75 | 2 |
| SX325500 | 5000 | 2m | M5 | 2.1/0.5 | 3 |
| SX320630 | | 6300 | 1Bm | M3 | 2.7/0.5 |
| 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 |