



WIRE ROPE HOIST

"Raising your Business to New Heights"



07 4982 0402



ABOUT TNC CRANES

TNC Cranes was founded in March 2008. In its 15 years of operation TNC has grown from a small crane service provider to a leading Crane OEM in Central Queensland. In 2010, TNC starting manufacturing their own chain hoists and wire rope hoists. 2011 saw the first TNC chain hoist hit the market with the first Wire Rope Hoist following shortly after.

At TNC Cranes we pride ourselves on designing and suppling the highest quality cranes and hoists. TNC carefully construct every crane and hoist to ensure they meet each customers needs while complying with the highest Australian and International Standards.

Continual innovation using the latest technology has lead to our simplistic design without sacrifice on efficiency and reliability in even the toughest of environments. Our cranes and hoists are manufactured using the highest quality engineering, testing and world famous brand products as standard.

TNC has built its success with its dependable and customisable product ensuring no compromise on functionality and operational demands.

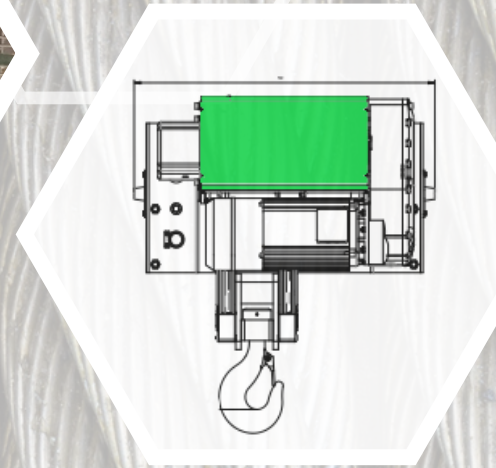
Contact us to turn your project ideas into a successful reality.





CONTENTS

- SHA8 Low Head Room
- SHA8 Double Girder
- SHA8 Range Specifications
- Electrical System - Electrical Panel
- Electrical System - Variable Speed Drive
- Electrical System - Load Data Recording
- Electrical System - Radio Remote

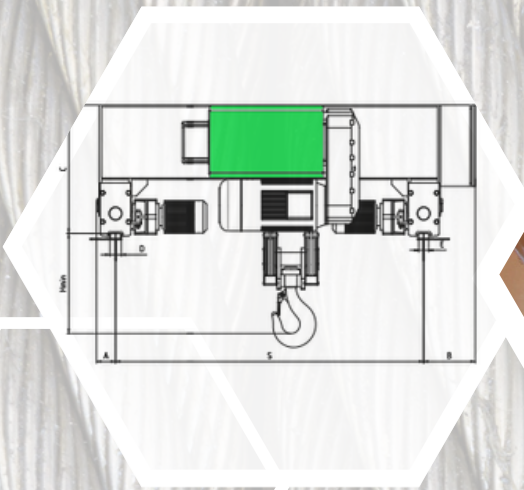


SHA8 LOW HEAD ROOM

1T - 20T

- Up to M7 Duty Class Available
- Lifting Heights up to 30m at 10T
- Lifting Heights up to 15m at 20T
- Industry Leading Lifting Speeds Maximising Productivity
- 2 Wheel Direct Drive Cross Travel
- Industry Leading Hook Approaches
- Compact and Light Weight Design
- High Efficiency and Reliability
- Low Maintenance
- Low Operating Noise
- Customisable





SHA8-BS & BZ DOUBLE GIRDER

3.2 T - 100T

- Up to M7 Duty Class Available
- Lifting Heights up to 55m
- Wide Variety of Lifting Speeds to Maximising Productivity
- 2 Wheel Direct Drive Travel
- Completely Customisable Frame Size
- Product Range to Suit any Industry
- Industry Leading Hook Approaches
- Compact and Light Weight Design
- High Efficiency and Reliability
- Low Maintenance
- Low Operating Noise



SHA8 RANGE SPECIFICATIONS

Hoist Geared Motor

- SEW Motors
- Light Weight Aluminium Body
- IP55 Protection
- Heavy Duty Pole Changing Motor
- Low Noise and Smooth Operation
- Hardened and Ground Helical Gears
- Electromagnetic Disc Brake
- Over Heating and Overload Protection

Drum and Wire Rope

- Constructed with Seamless Steel Pipe
- High Precision Machined Grooves Extending the Life of the Wire Rope
- Rope Construction - 6 x 37, Steel Core, 1960MPa

Rope Guide

- Innovative Rope Guide Design - Using Pressure Rollers and a Guide Bar Keeping the Wire Rope Balanced in the Drum Grooves.
- Rope Guide Light Weight Reducing the Friction on the Wire Rope But Not Compromising its High Quality and Strength

Trolley Drive Unit

- Integrated Geared Brake Motor Drive
- Unlike Traditional Trolley Drive Systems the TNC Unit has a Compact Structure, Quiet Operation and Higher Efficiency.
- Pole Changing Motor with DC Disc Brake

Hook Assembly

- DIN Standard Hook, Forged from High Strength Alloy Steel
- Safety Latch
- 360 Degree Horizontal and 180 Degree Vertical Rotations
- Unique Cover Design to Avoid Friction on Wire Rope



ELECTRICAL SYSTEM CONTROL PANEL

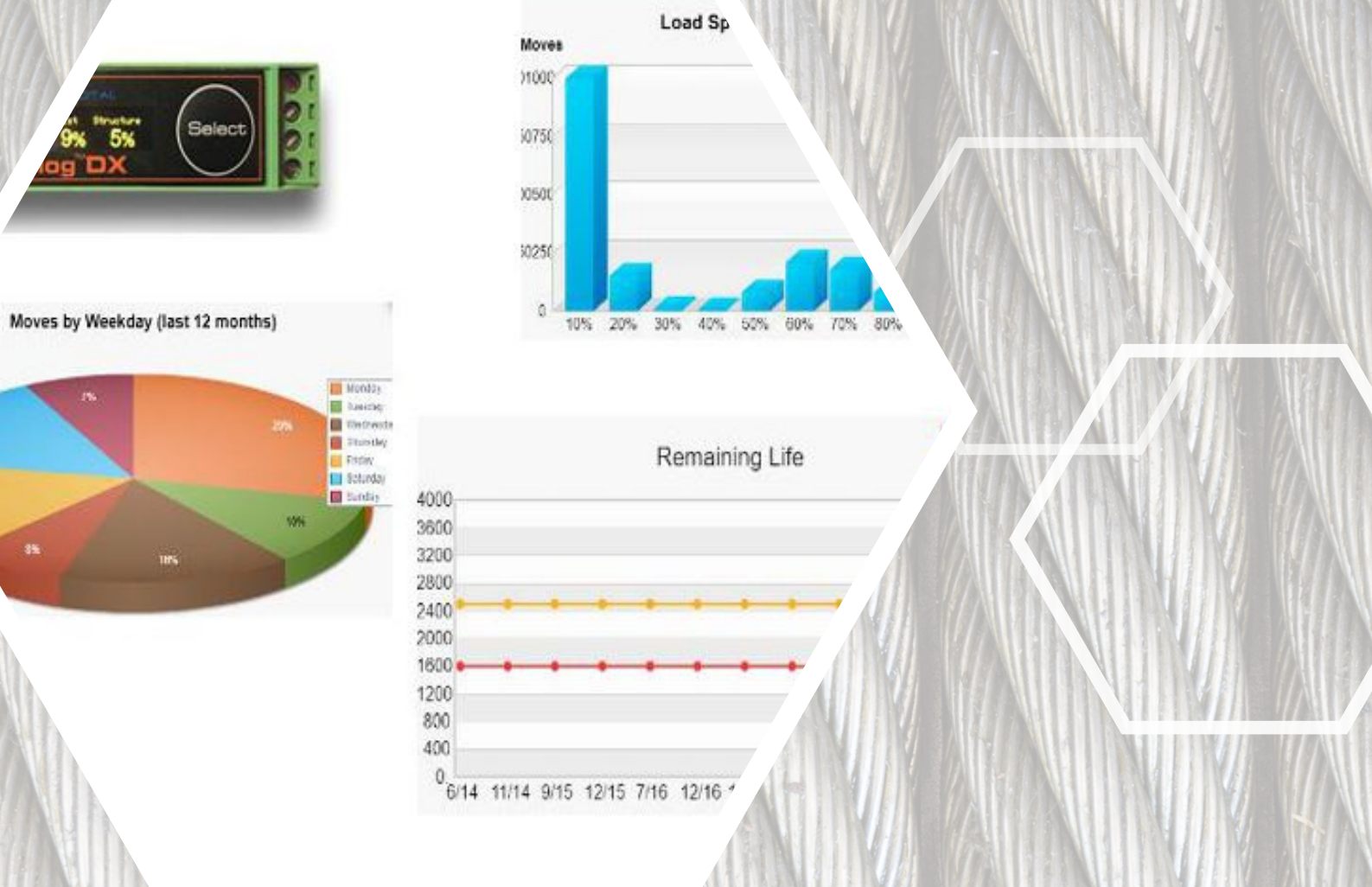
- **Genuine Schneider Products**
- **Motor Thermal Protection**
- **Phase Failure and Phase Rotation Protection**
- **Red, White and Blue Phase Colouring as per AS/NZ3000**
- **Cable Numbering System Throughout**
- **ISO Electrical Plugs**
- **IP55 As Standard**
- **Customisable to Suit Any Requirement or Industry**



ELECTRICAL SYSTEM

VARIABLE SPEED DRIVE

- **VSD Fitted as Standard**
- **Gives Greater Control of the Load to the Operator**
- **Regenerative Breaking Reduces Hook Sway**
- **Smart Brake Control- Significantly Reduces Break Wear and Tear Reducing Maintenance Costs**
- **Different Operating Functions Available**



ELECTRICAL SYSTEM

LOAD DATA RECORDING

- Load Spectrum Recording as Standard on ALL SHA8 Hoists
- Crane Overload Protection
- Performs Load Limiting
- Calculates Remaining Design Life According to AS2550.1-2011 or an Alternative Customer Specified Standard
- Monitors and Records ALL Hoisting Motions
- Monitors Cross and Long Travel Motions
- Monitors Any Overloads, Shock Loads and Poor Operating That May Occur Which Could Result in Failure or Reduce Hoist Life
- 10 Million Operational Events Stored Onboard
- Custom Reports Available



ELECTRICAL SYSTEM

RADIO REMOTE CONTROL SYSTEM

- Radio Remote Pendants - Safe, Reliable and Efficient in All Operating Conditions
- Benefits Productivity and Safety
- Operator Friendly Design with Intuitive Controls
- Long Lasting Battery
- Optional Load Display Fitted in Pendant- Keeping the Operator Informed on the Load at all Times.
- Customisable to Suit All Requirements