

Powerful & Reliable Lifting

ELECTRIC WIRE ROPE HOIST

CAPACITY RANGE UPTO 50 TONS



Designed for heavy-duty lifting with precision, the Electric Wire Rope Hoist delivers exceptional performance and durability. Its high load capacity, smooth operation and advanced safety features ensure efficient material handling across industries. Engineered for reliability, it offers effortless control, minimal maintenance and maximum productivity in demanding environments.

MODELS

SINGLE GIRDER MONORAIL

TYPE
LOW HEADROOM
HOIST

CAPACITY
UPTO 15 tons

MODEL
TWL10

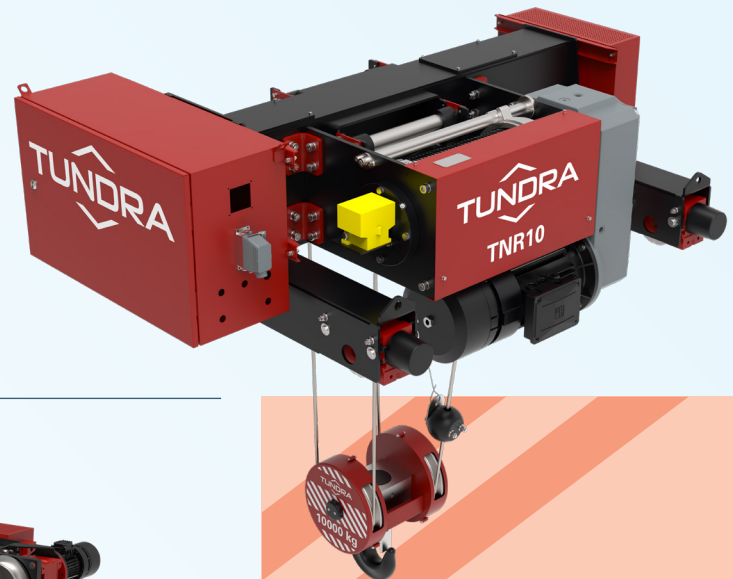


DOUBLE GIRDER CRAB

TYPE
LOW HEADROOM
HOIST

CAPACITY
5 – 50 tons

MODEL
TWR32



FEATURES

- ▲ Low head room hoists
- ▲ High tensile imported wire rope
- ▲ Hoisting speeds through drives only

SAFETY FEATURES

- ▲ Rope safety (FEM Directive)
- ▲ Double limit switch for lifting
- ▲ Overload limit (by VFD)

CERTIFICATION

c CSA_{US}

Design: Compact and effective hook approach | **No counter weights:** Optimized weight balance
Working Group: Standard with M5 Duty | **Lifting speed:** Only through drives | **Flange Width:** Smoothly adjustable

COMPONENTS



HOOK BLOCK

- ▲ Ergonomic design (DIN15400)
- ▲ Handles for easy handling
- ▲ Safety latch on hook (standard)



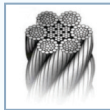
THRUST
ROCKER

- ▲ Eliminates weight balance plates
- ▲ Reduces hoist weight
- ▲ Pressed against bottom flange for weight balance



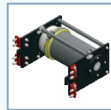
VARIABLE
FREQUENCY
DRIVE

- ▲ Precise load positioning
- ▲ Minimized load sway for safety
- ▲ Variable speeds and acceleration for application flexibility



ROPE

- ▲ High-strength wire rope for fatigue and wear resistance
- ▲ Flexible steel core for prolonged life
- ▲ ISO 4308-1 compliant
- ▲ Tensile strength: 2160 N/mm²



ROPE DRUM
AND GUIDE

- ▲ Seamless rope drum with precise grooves
- ▲ Rope guide rollers for smooth operation
- ▲ Heavy-duty rope guide for consistent scrolling
- ▲ Spring inside guide ensures correct rope tightness



WHEEL BLOCK
& WHEEL

- ▲ Single flanged wheels for monorail hoist, double flanged for crab hoist
- ▲ Spheroidal cast ST-700/2 wheels
- ▲ Ball/roller bearings for extended life



ROTARY
LIMIT SWITCH
EQUIPMENT

- ▲ Hoist switch off at limit positions
- ▲ Emergency cut-off at upper and lower positions
- ▲ Adjustable cut-off to suit application
- ▲ Upper/lower motion limit switch (standard)



GEARBOX
& MOTOR

- ▲ Precision-machined aluminium body for reduced weight
- ▲ Gears immersed in oil for smooth, cool operation
- ▲ Heavy-duty motor with brake and cooling fan
- ▲ IE3 motors with IP55 enclosure and F-class insulation



CROSS
TRAVEL-
MONORAIL

- ▲ CT-Wheel made up of C45 or SG 700/2
- ▲ Travel machinery designed for hoisting applications
- ▲ Direct drive for travel wheels
- ▲ Heavy-duty motor with brake and cooling fan

OPTIONAL ACCESSORIES



RADIO
REMOTE
CONTROLLER

- ▲ Wireless radio remote for areas where the operator can't move with the crane
- ▲ IP65 protection for radio remote pendants



ROPE TENSION
LOADCELL

- ▲ Rope tension load cell for load force measurement and overload protection
- ▲ IP66 protection class
- ▲ Easily clamped on live rope in existing condition

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