STANDARD MACHINERY

PRODUCT DATASHEET

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Electric Wire Rope Winch – 8.5 kW (11.4 HP) Brake Motor, Planetary Gear, 3-Phase (Imported, Refurbished)

TOYO

SKU

SM-WINCH-85KW-PG

CATEGORY

Winch, Hoist & Chain Block

● In Stock

Chat on WhatsApp

Request pricing and availability on WhatsApp with the product details pre-filled.

- ✓ Electric wire rope winch — motor, planetary gearbox and drum
- ✓ 8.5 kW (11.4 HP) 3-phase brake motor (Miyaura, Japan)
- ✓ Built-in brake for safe load holding
- ✓ IMT planetary gearbox, ratio 1:119.5, for strong pulling torque
- ✓ 440 V, 4-pole, 1740 RPM, Insulation Class F, IP56
- ✓ Wire rope drum supplied with rope
- ✓ Fully refurbished, repainted and tested
- ✓ For pulling, hoisting, hauling and positioning heavy loads
- ✓ Imported and reconditioned by Standard Machinery

Technical Specifications

Manufacturer	TOYO
SKU	SM-WINCH-85KW-PG
Equipment Type	Electric Wire Rope Winch
Condition	Imported, Refurbished & Tested
Make	Miyaura Mfg. Co., Japan
Rated Power	8.5 kW
Rated Power	11.4 HP
Poles	4

Voltage	440 V
Phase	3 Phase
Frequency	50/60 Hz
Current	14.9 A
Speed	1440 / 1740 RPM
Insulation Class	F
Enclosure	IP56
Brake Torque	1.5 kg·m
Make	IMT (Toyo Seimitsu), Japan
Type	MH64120S-8.5S
Ratio	1:119.5
Wire Rope	Supplied with rope

Product Description

This is an imported, fully refurbished **electric wire rope winch** built from an **8.5 kW (11.4 HP) three-phase brake motor**, an **IMT planetary gearbox (ratio 1:119.5)** and a wire rope drum. Cleaned, repainted and tested, it is ready for pulling, hoisting and hauling duty. Supplied by Standard Machinery, Bhavnagar, for buyers across India and export markets.

Overview

The winch combines a Japanese Miyaura 8.5 kW, 4-pole induction motor with a built-in brake and an IMT (Toyo Seimitsu) planetary reduction gearbox. The high 1:119.5 reduction gives strong pulling torque at the drum, while the built-in brake holds the load safely when the motor stops. The drum comes wound with wire rope. This type of winch is used for dragging, pulling, hoisting and positioning heavy loads in workshops, yards, construction and marine work.

Motor & Gearbox

- **Motor:** Miyaura 3-phase induction, 8.5 kW (11.4 HP), 4-pole, 440 V, 14.9 A, 1740 RPM
- **Built-in brake:** holds the load when stopped (brake torque 1.5 kg·m)
- **Insulation / enclosure:** Class F, IP56 (dust and jet-water protected)
- **Gearbox:** IMT planetary, Type MH64120S-8.5S, ratio 1:119.5
- **Drum:** wire rope drum, supplied with rope

⚡ Power Supply Note (India / 50 Hz)

The motor is rated **440 V, 3-phase, 60 Hz**. On Indian 50 Hz supply it runs about 17% slower (around 1450 RPM) with correspondingly slower drum speed, and the motor runs a little warmer. It works on Indian supply; for continuous heavy duty, ask us for advice.

Applications

- Pulling and dragging heavy loads
- Hoisting and lowering (with suitable rigging)
- Workshop, yard and fabrication handling
- Construction, marine and salvage winching

- Material positioning and recovery

Industries Served

Fabrication and workshops, construction and infrastructure, shipyards and marine, heavy engineering, and material-handling operations.

Why Buy This Winch

- Strong pulling torque from a high 1:119.5 planetary reduction
- Built-in brake motor for safe load holding
- Rugged Japanese Miyaura motor and IMT gearbox
- Fully refurbished, repainted and tested
- Strong value versus a new winch of similar capacity

Important — Safety & Verification

- For any lifting or man-riding use, have the line pull / safe working load, brake and wire rope inspected and certified by a competent person before use.
- Match the wire rope, sheaves and controls to your load and application.
- Confirm the required supply and starter before installation.

Frequently Asked Questions

What is this winch used for?

Pulling, dragging, hoisting and positioning heavy loads in workshops, yards, construction and marine work.

What is the motor rating?

8.5 kW (about 11.4 HP), 3-phase, 440 V, 4-pole, with a built-in brake.

How much can it pull?

The line pull depends on the drum layer and rigging. The gear reduction is high (1:119.5) for strong torque. Share your requirement and we will confirm suitability.

Will it run on Indian power?

Yes, on 440 V 3-phase. As it is rated 60 Hz, it runs slightly slower on Indian 50 Hz supply.

Do you supply across India and for export?

Yes. Standard Machinery supplies pan-India and to export markets including Africa, the Middle East and Southeast Asia.

Interested in this winch? Contact Standard Machinery for price, pulling capacity and rope details.

Compatibility

- **Power supply:** 440 V, 3-phase (rated 60 Hz; runs ~17% slower on Indian 50 Hz).
- **Full load current:** about 14.9 A — size cable, starter and protection accordingly.
- **Starter:** DOL / star-delta / soft starter suitable for 8.5 kW with brake control.
- **Protection:** overload plus phase-failure protection.
- **Rigging:** match wire rope, sheaves and anchoring to your load; verify line pull / SWL before lifting use.
- **Mounting:** fix to a rigid, level foundation able to take the pulling reaction.

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