STANDARD MACHINERY

PRODUCT DATASHEET

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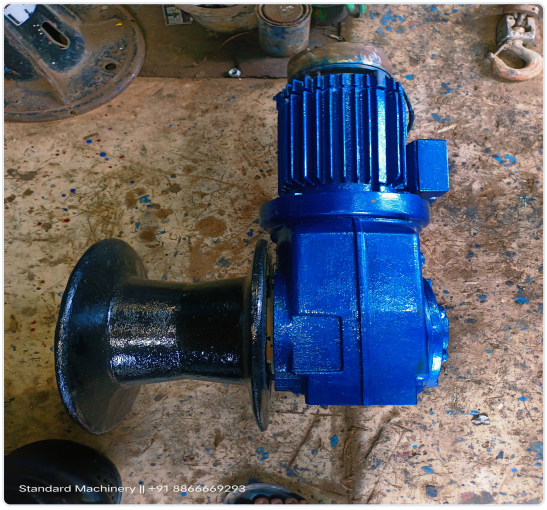
2 HP SEW Electric Capstan Winch (Warping Head) – 18 RPM, 3 Phase, Imported, Refurbished & Tested

BRAND NOT MENTION

SKU
SM-CW-SEW-2HP-18

CATEGORY
Winch, Hoist & Chain Block



● In Stock

PRICE (USD)

$400.00 ~~$649.00~~

* Prices are exclusive of GST and subject to change without notice.

Chat on WhatsApp

Use WhatsApp for pricing and availability with the product details pre-filled.

- ✓ 2 HP (1.5 kW) 3 phase motor, 380–440 V, 50/60 Hz
- ✓ 18 RPM capstan speed for slow, controlled rope pulling
- ✓ SEW right-angle geared drive in a compact layout
- ✓ Cast flared warping head for multiple rope wraps
- ✓ No rope storage needed, so rope length is unlimited
- ✓ Steel base bracket with bolt-down holes
- ✓ Imported industrial unit, refurbished and tested before dispatch
- ✓ Available for pan-India supply and export

Technical Specifications

Manufacturer	Brand Not Mention
SKU	SM-CW-SEW-2HP-18
Product Type	Electric Capstan Winch (Warping Head)
Brand (Drive)	SEW
Condition	Imported, Refurbished & Tested
Motor Power	2 HP

Motor Power	1.5 KW
Phase	3 Phase
Voltage	380~440 V
Frequency	50 / 60 Hz
Capstan Speed	18 RPM
Gearbox Type	Right-Angle Geared Drive
Drum Type	Flared Warping Head
Mounting	Base Bracket, Bolt-Down

Product Description

2 HP SEW Electric Capstan Winch – 18 RPM Warping Head, 3 Phase

This is an **imported electric capstan winch** with a cast **warping head (capstan drum)** driven by an **SEW right-angle geared drive**. The 2 HP (1.5 kW) motor and gear reduction turn the capstan at **18 RPM**, a slow, steady speed for controlled rope pulling. It is supplied by Standard Machinery in **Imported, Refurbished & Tested** condition.

A capstan works differently from a drum winch. The rope is wrapped a few turns around the warping head and the operator holds (tails) the free end. Pulling the tail grips the rope and moves the load, and easing off lets the rope slip. The rope is not stored on the capstan, so there is no limit on rope length, and the pull can be controlled smoothly by hand.

Key Specifications

- **Type:** Electric capstan winch with warping head
- **Motor power:** 2 HP (1.5 kW)
- **Capstan speed:** 18 RPM
- **Drive:** SEW right-angle geared motor
- **Power supply:** 3 phase, 380–440 V, 50/60 Hz
- **Warping head:** Cast, flared (hourglass) profile for rope wraps
- **Base:** Steel base bracket with bolt-down holes
- **Condition:** Imported, Refurbished & Tested

Applications

- Mooring and warping lines on boats, barges and jetties
- Rail wagon and car shunting with rope
- Pulling cables through ducts and conduits
- Hauling boats on slipways in marine and ship-repair yards
- Rope pulling for construction and erection work
- Moving heavy machinery and skids across a shop floor

Industries Served

- Marine, ports and ship repair
- Railway sidings and loading yards
- Power cable laying and electrical contracting
- Construction and infrastructure
- Fishing harbours and boat yards

- Heavy engineering and plant maintenance

Why Buy from Standard Machinery

- **Branded geared drive:** SEW right-angle geared motor, refurbished by our team
- **Imported industrial equipment:** Sourced from the Alang Ship Breaking Yard and refurbished in Bhavnagar, Gujarat
- **Tested before dispatch:** Each capstan is run and checked before it leaves our facility
- **Compact and ready to mount:** Drive and warping head come assembled on one base
- **Experience since 2008:** Supplying winches, hoists, gear motors and electrical panels to industrial buyers
- **Pan-India and export supply:** Dispatch across India and to buyers in Africa, the Middle East and Southeast Asia

Voltage & Power Note

The capstan runs on a **3 phase, 380–440 V, 50/60 Hz** supply with a 2 HP (1.5 kW) motor, which suits standard Indian industrial power (415 V, 50 Hz). Use a **forward/reverse starter with overload relay and an emergency stop**, with the stop button within easy reach of the operator. Share your site supply details with us and we will match them before dispatch.

Safety Note

Before use, the capstan's line pull / safe working load (SWL), drive and mounting must be inspected and load-tested by a competent person as per local regulations.

- A capstan is a **pulling device, not a lifting device**. Do not use it to lift or hold suspended loads, and never for man-riding
- Never stand in the bight of the rope or in line with a rope under tension
- Keep hands and gloves clear of the point where the rope comes onto the warping head
- Use rope of a suitable type and size, and inspect it before every use
- Bolt the base to a rigid deck, foundation or structure capable of taking the full pull
- Not certified for explosive or flammable atmospheres

Maintenance Tips

- Check gearbox oil level and change oil at the intervals given for the gear unit
- Keep the warping head surface clean and free of grooves or burrs that can damage rope
- Check foundation bolts and base bracket for tightness after initial use
- Keep the motor terminal box and cable gland sealed against water and dust
- In marine or coastal use, wash off salt deposits and touch up paint to prevent corrosion
- Check motor current and listen for unusual gear noise during routine checks

Frequently Asked Questions

What is a capstan winch and how is it different from a drum winch?

A capstan uses a few turns of rope around a rotating warping head, with the operator holding the free end. It does not store rope, so rope length is unlimited and the pull is controlled by hand tension. A drum winch winds and stores the rope on its drum.

What is the speed and power of this capstan?

It has a 2 HP (1.5 kW) motor driving an SEW right-angle gearbox, with a capstan output speed of 18 RPM.

What power supply does it need?

It needs a 3 phase, 380–440 V, 50/60 Hz supply, which covers standard Indian 415 V, 50 Hz industrial power.

Can this capstan be used for lifting?

No. A capstan is designed for horizontal pulling, warping and hauling. It should not be used to lift or hold suspended loads or persons.

Is this suitable for boats and mooring?

Yes, capstans are widely used for warping and mooring lines. For deck or open-air use, protect the motor and gearbox from water and salt spray and keep the unit painted.

Do you export?

Yes. Standard Machinery supplies across India and exports to Africa, the Middle East and Southeast Asia. Contact us for export packing and shipping details.

Need a 2 HP electric capstan winch for mooring, shunting or rope pulling? Contact Standard Machinery, Bhavnagar, Gujarat, at +91 9898 398 786 / +91 73837 39400 or info@standardmachinery.store for price, photos and availability.

Compatibility

- Power supply: 3 phase, 380–440 V, 50/60 Hz
- Starter: Forward/reverse (DOL reversing) starter with overload relay
- Protection: Suitable MCB/MPCB and an emergency stop within the operator's reach
- Mounting: Base bolted to a rigid deck, concrete foundation or steel structure
- Rope: Fibre or suitable rope for capstan use, wrapped by hand around the warping head
- Duty: Horizontal pulling, warping, mooring and shunting
- Not suitable for: Lifting, holding suspended loads, man-riding, or explosive atmospheres
- Environment: Indoor, deck or sheltered use; protect the motor and gearbox from water and salt spray

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