

**HI-TECH**  
MACHINES



T H E B E S T  
**WINDERS!**





## About Us

Welcome to **HI-TECH MACHINES**, where precision meets innovation in winding machine manufacturing. With a commitment to excellence and decades of experience in the industry, we take pride in delivering winding solutions tailored to meet the diverse needs of our clientele.

## Our Mission

At **HI-TECH MACHINES**, Our mission is Simple yet Profound : To, Redefine the standards of quality and efficiency in the winding machine industry. We strive to empower our customers with state-of-the-art machinery that enhances productivity, reliability, and profitability.

### Why Choose Us?



#### EXPERTISE

Backed by a team of seasoned professionals, we bring unparalleled expertise to every project, ensuring the superior performance and longevity of our machines.



#### INNOVATION

We continuously invest in research and development to stay at the forefront of technological advancements, offering innovative solutions that set new benchmarks in the industry.



#### CUSTOMIZATION

Recognizing that, every client has unique requirements, we provide customizable options to tailor our machines precisely to your specifications, ensuring optimal performance & efficiency.



#### CUSTOMER SATISFACTION

Our commitment to customer satisfaction is unwavering. From initial consultation to after-sales support, we prioritize clear communication and responsive service to exceed your expectations at every step.



## Our Product Ranges

Discover a comprehensive range of winding machines designed to cater to diverse applications across various industries, including:

| **Textiles**

| **Packaging**

| **Electronics**

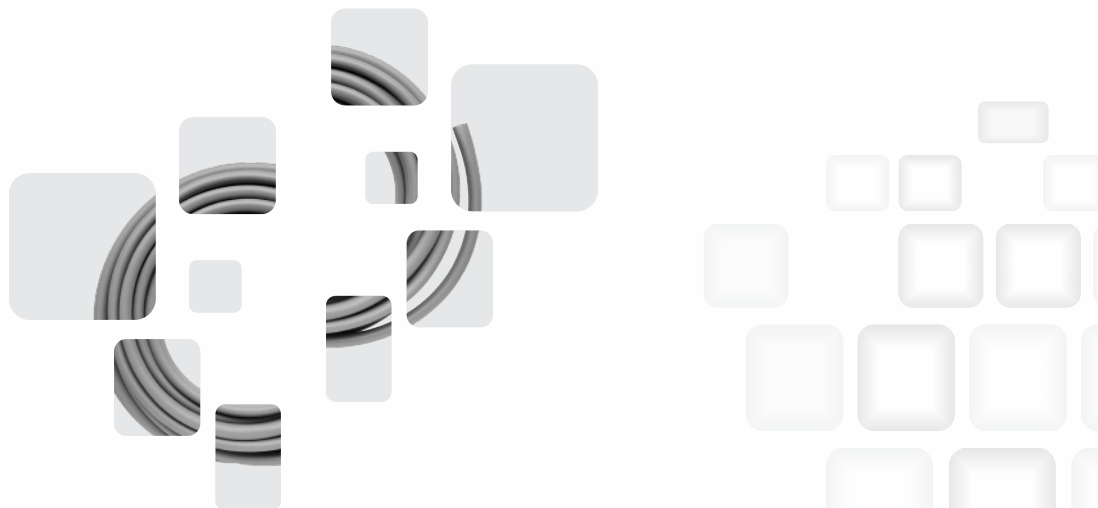
| **Transformer**

| **Metal Wire Manufacturing**

| **Wire & Cable Industry**

and more...

From Simple, Manual winding machines to Sophisticated, Fully Automated Systems, We offer solutions that optimize your production processes and drive business growth.



# 1. Rewinding Machine For Spool To Spool

Introducing our Rewinding Machine for Spool-to-Spool operations, optimizing wire & cable processing with precision. Versatile and efficient, it ensures seamless transfer between spools, enhancing productivity in wire and cable industries.

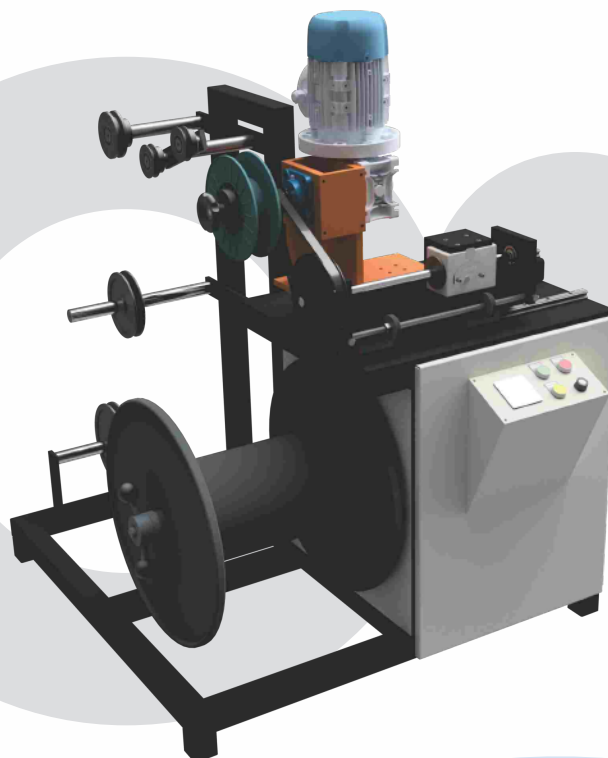
## Standard Features

- Compact design structure for rewinding applications
- Spool traversing by Mechanical Traverse Unit
- The winding speed can be adjusted by the speed pot
- Function: length-counting meter
- The winder shaft can bear 1 kg to 30 kg of spool
- The unwinder shaft can bear a maximum spool weight of 300kg
- Unwinder spool tension control system
- Unwinder spool auto-braking system



## BENEFITS

**Increases Productivity | Achieve Consistent Tension Control**  
**Easily Adjust Spool Sizes | Accommodates A Wide Range Of Spool Sizes**  
**Reduces Downtime | Built With Sturdy Materials | Tailor The Machine To Specific Needs**





## 2. Rewinding Machine For Loose Coil To Spool

Introducing our Rewinding Machine for Loose Coil to Spool operations, Revolutionizing coil processing with unmatched efficiency & precision. Designed to seamlessly transfer loose coils to spools, it optimizes productivity across diverse industries such as wire manufacturing, & more.

### Standard Features

- Compact design structure for rewinding applications
- Spool traversing by Mechanical Traverse Unit
- Winding speed can be adjusted by the speed pot
- Function: length-counting meter
- Unwind the loose bundles of wire and cable
- With the wire jam auto-stop safety feature

### BENEFITS

Increases productivity | Achieve consistent tension control  
Easily adjust spool sizes | Accommodates a wide range of spool sizes  
Reduces downtime | Tailor the machine to specific needs | Built with sturdy materials

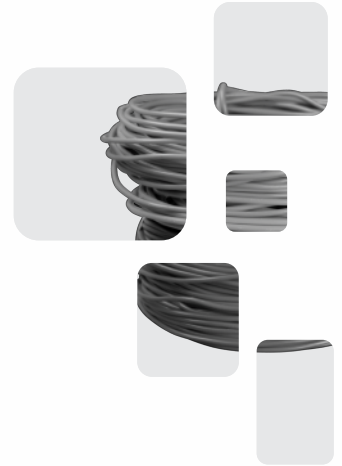


### 3. Dual Head Wire Winding Machine

Experience unmatched efficiency with our Dual Head Wire Winding Machine. Simultaneous operation of dual heads ensures doubled productivity without compromising precision, making it the ideal solution for wire winding applications.

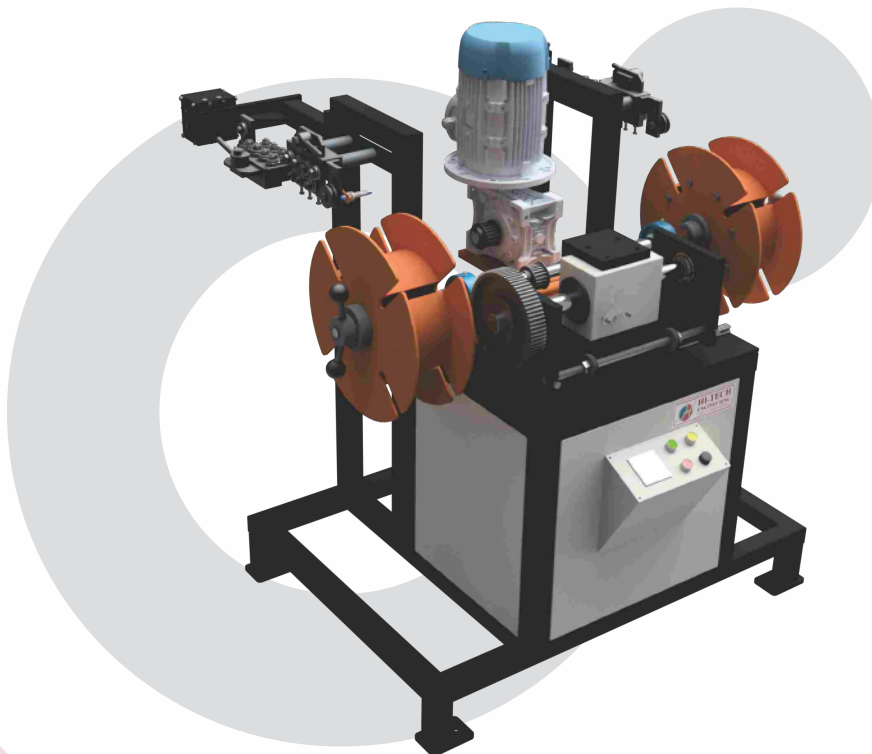
#### Standard Features

- Compact design structure for winding applications
- Spool traversing by Mechanical Traverse Unit
- The Winding speed can be adjusted by the speed pot
- Function: length-counting meter
- Unwind from a loose bundle or online material inlet
- With the wire jam auto-stop safety feature



#### BENEFITS

Increases productivity | Achieve consistent tension control  
Easily adjust spool and bundle sizes | Accommodates a wide range of spool and bundle sizes  
Reduces downtime | Built with sturdy materials | Tailor the machine to specific need



## 4. Mini Take-up Machine

Introducing our Mini Take-up Machine, a compact yet powerful solution for wire and cable processing. Designed for small-scale operations, it offers efficient winding and coiling capabilities, perfect for space-constrained environments.



### Standard Features

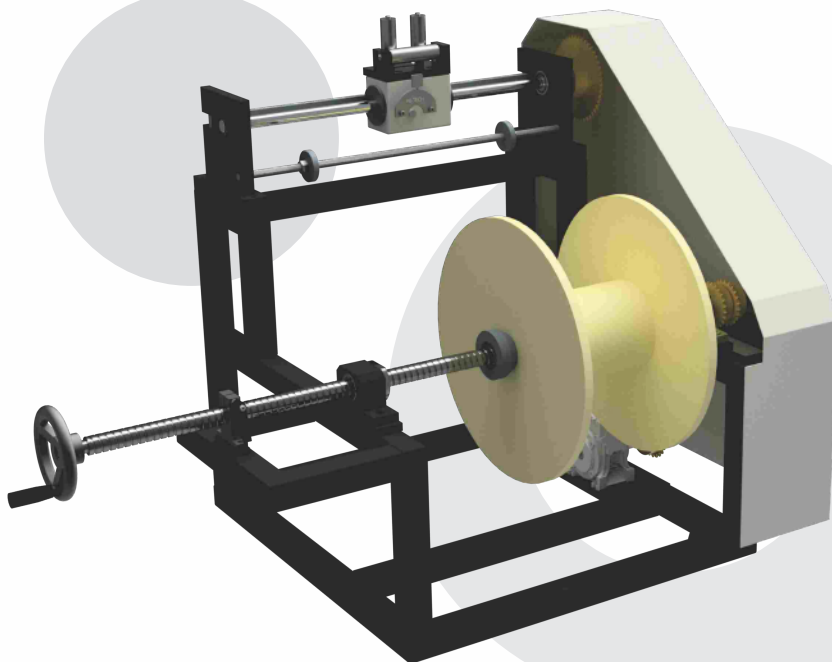
- Compact design structure for winding applications
- Wire guide with a mechanical traverse unit
- Winding speed can be adjusted by the speed pot
- Function: length-counting meter

### BENEFITS

Easily adjust spool sizes | Accommodates a wide range of spool sizes

Reduces downtime | Built with sturdy materials

Tailor the machine to specific needs

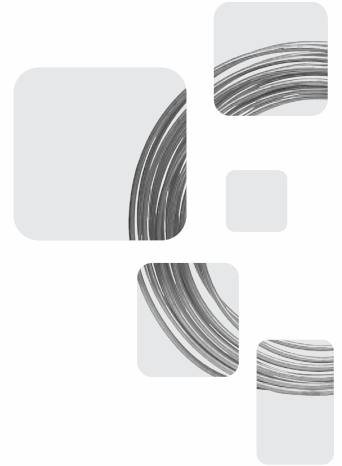


## 5. Take-up Machine

Discover efficiency and reliability with our Take-up Machine. Engineered for seamless Wire and Cable Processing, it ensures precise Winding and Coiling, optimizing productivity in various industrial applications.

### Standard Features

- Winder spool lifting arrangement
- Winder spool clamping with pneumatic or manual
- Wire guide with a mechanical traverse unit
- The Winding speed can be adjusted by the speed pot

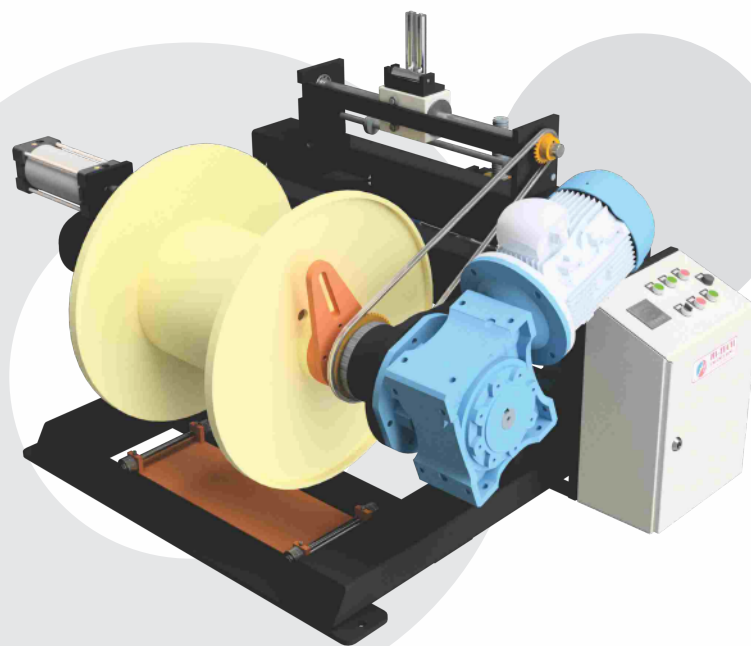


### BENEFITS

Easily adjust spool sizes | Accommodates a wide range of spool sizes

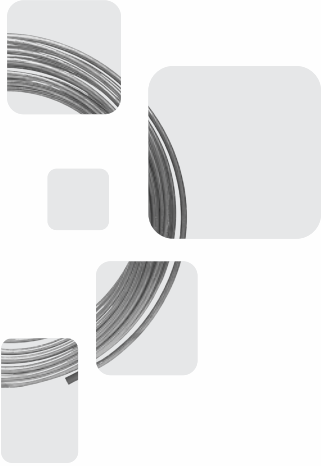
Reduces downtime | Built with sturdy materials

Tailor the machine to specific needs



## 6. High Speed Layer Winding Machine

Experience unparalleled efficiency with our High-Speed Layer Winding Machine. Engineered for rapid and precise layer winding of wires and cables, it maximizes productivity without compromising on quality. With advanced technology and robust construction, it's the ultimate solution for optimizing your wire processing operations. Boost your productivity today.

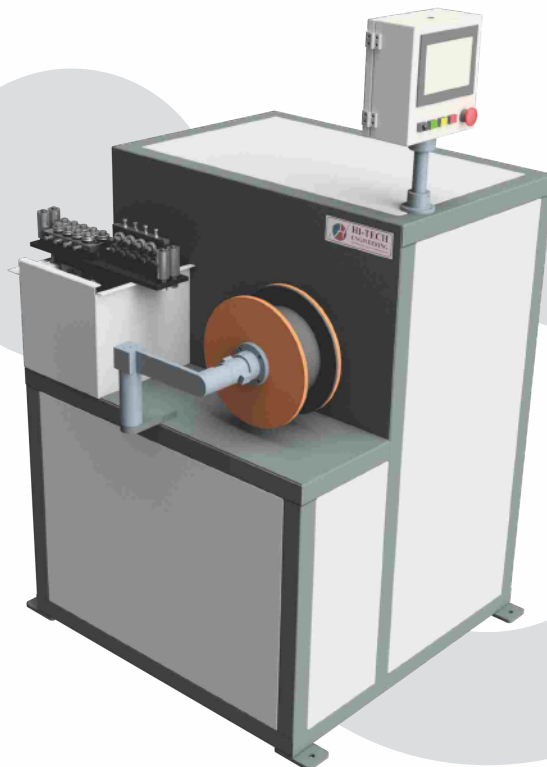


### Standard Features

- Wire guide with a servo traverse unit
- Wire straightening arrangement
- Wire diameter, spool weight, and traverse length can be adjusted by HMI
- PLC-based high-speed machine

### BENEFITS

Easily adjust spool sizes  
Reduces downtime  
Built with sturdy materials





## 7. Wire Accumulator Unit

Enhance your wire processing efficiency with our Wire Accumulator Unit. Designed to manage wire tension & speed variations, it ensures smooth production flow, reducing downtime & minimizing waste. With customizable options and robust construction, it's the perfect addition to your wire processing line.

### Standard Features

- A wire guide pulley with various materials depends on the wire material
- Wire inlet guide
- Synchronized with the take-up and payoff machines
- Air Cylinder or Motorized versions



### BENEFITS

Internal Counterweight Compensates Carriage Weight  
Potentiometer Included  
Easily integrated to existing payoff or take-up via PLC



## 8. Payoff Machine (Without Motor)

Introducing our Payoff Machine (without motor), an essential component for wire processing lines. Designed for efficient Unwinding of Wire spools, it ensures smooth production flow without the need for additional power. With sturdy construction and adjustable features, it optimizes your wire processing operations effortlessly



### Standard Features

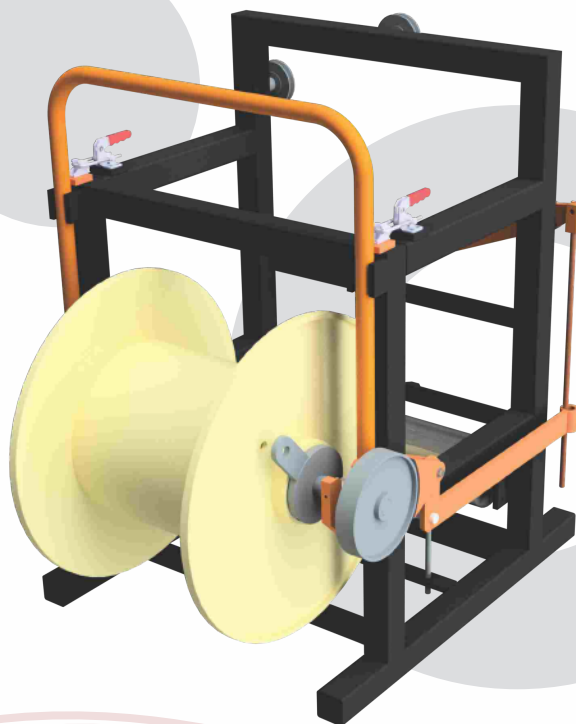
- Compact design structure for payoff applications
- Manual spool lifting arrangement
- Cable tension arrangement

### BENEFITS

Easily adjust spool sizes | Accommodates a wide range of spool sizes

Reduces downtime | Built with sturdy materials

Tailor the machine to specific needs

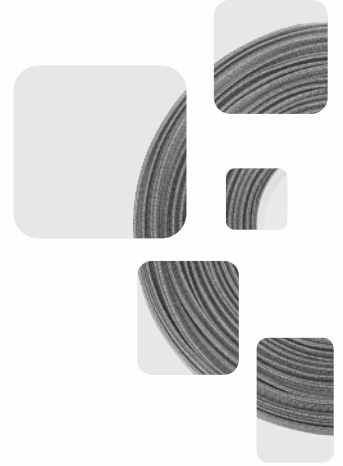


## 9. Profile Winding Machine

Our Profile Winding Machine offers precision and versatility for winding profiles with ease. Tailored for various materials & shapes, it ensures consistent and accurate winding for a wide range of applications. With advanced features and customizable options, it's the ideal solution for optimizing your profile winding processes.

### Standard Features

- Compact design structure for winding applications
- Tube or profile guided by a mechanical traverse unit
- Function: length-counting meter
- The winding speed can be adjusted by the speed pot

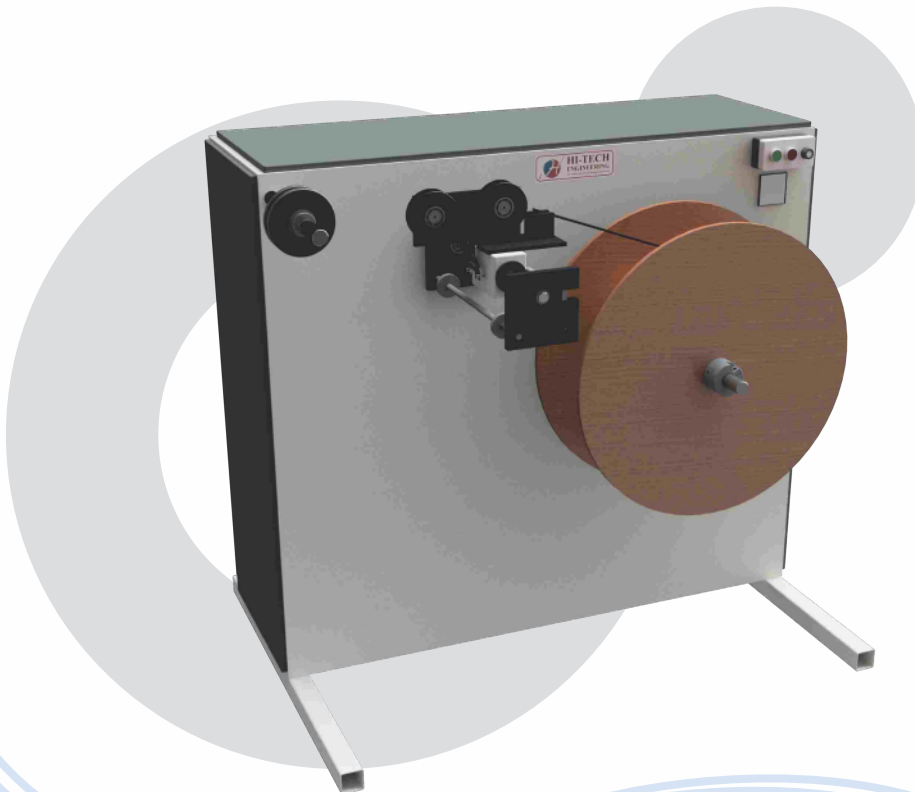


### BENEFITS

Increases productivity | Reduces downtime

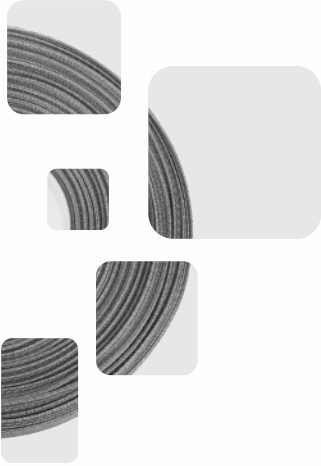
Accommodates a wide range of bobbin sizes | Built with sturdy materials

Tailor the machine to specific needs



## 10. Cable Rewinding Machine

Experience unrivaled efficiency with our Heavy Wire Cable Rewinding Machine. Engineered for Durability and Precision, it effortlessly handles the rewinding of heavy wires, Optimizing productivity in industrial settings. With advanced features and customizable options, it ensures smooth operations, reducing downtime and maximizing output. Elevate your wire processing today.

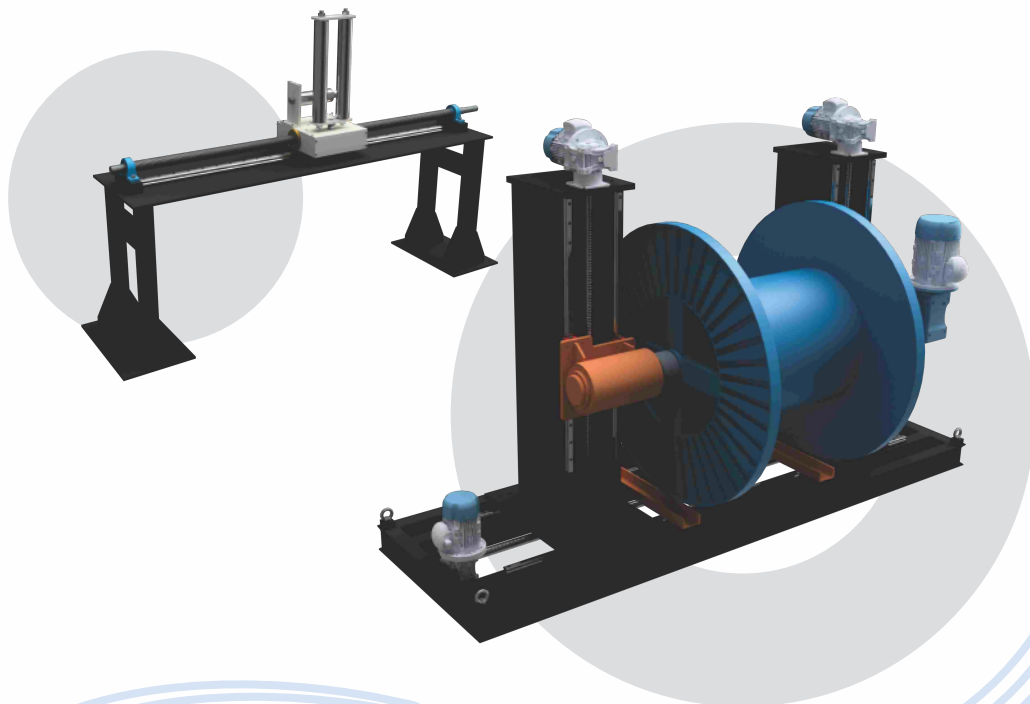


### Standard Features

- Heavy structure for rewinding applications
- Column type motorised spool lifting arrangement
- Easy to change heavy spool
- Heavy Traversing arrangement with motorised screw
- Hardened Roller for heavy wire & cable

### BENEFITS

Increases productivity | Achieve consistent tension control  
Easily adjust spool sizes | Reduces downtime  
Built with sturdy materials | Tailor the machine to specific needs



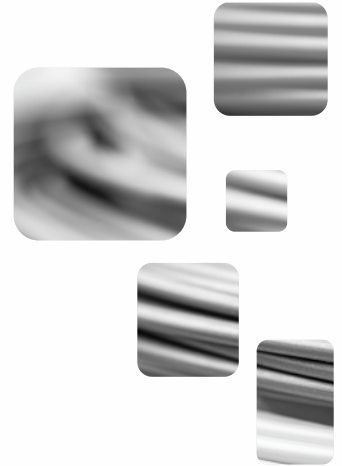


## 11. Fibre Rewinding Machine

Introducing our Fibre Rewinding Machine, crafted for precision and efficiency in rewinding fibre spools. Designed for various fiber types, it ensures smooth rewinding operations, maintaining quality and consistency. With advanced features & customizable settings, it's the perfect solution for optimizing your fibre processing line.

### Standard Features

- Aluminium section-based structure for the machine
- Completely PLC-based machine
- Fiber diameter, length, and speed can be set in HMI
- The winder and unwinder bobbins are traversed by a servo screw
- Tension control is done by HMI input



### BENEFITS

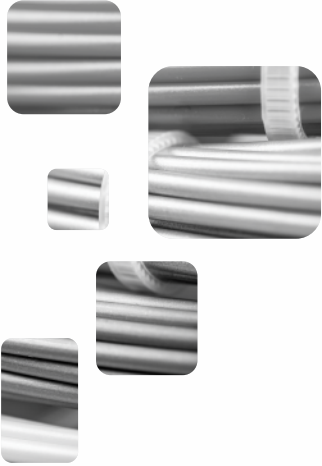
Increases productivity | Achieve consistent tension control  
Easily adjust spool sizes | Reduces downtime | Built with sturdy materials  
Tailor the machine to specific needs





## 12. Semi Auto Cable Coiling Machine With PLC

Discover unparalleled efficiency with our Semi-Automatic Cable Coiling Machine equipped with PLC technology. Streamlining cable coiling processes, it ensures precise & consistent coil formation. Versatile and user-friendly, it optimizes productivity while maintaining product quality. Revolutionize your cable manufacturing operations with our advanced coiling solution.



### Standard Features

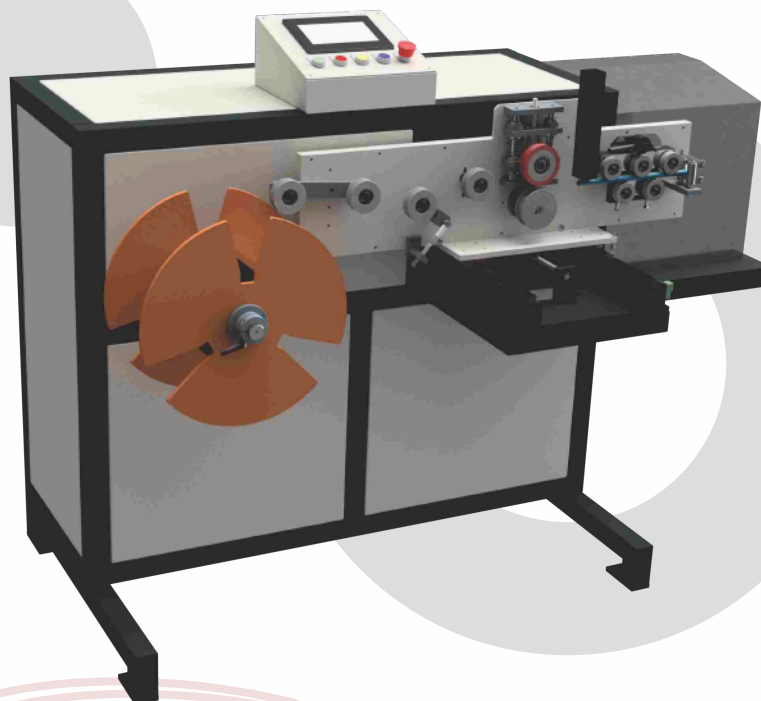
- Compact design structure for winding applications
- Semi-coiling PLC-based machine for layer-to-layer coiling
- Cable or tube diameter, length, and speed can be set in HMI
- Cable or tube guided by servo traversing
- Easy handling arrangement for coils

### BENEFITS

Increases productivity | Reduces downtime

Built with sturdy materials

Tailor the machine to specific needs



## 13. Tube Coiler Machine

Experience seamless coil manufacturing with our Tube Coiler Machine. Engineered for Precision and Reliability, It optimizes production processes, Delivering consistent results for tubes of various materials and sizes. Elevate your operations today.

### Standard Features

- Compact design structure for coiling applications
- Semi-coiling PLC-based machine
- Tube diameter, length, and speed can be set in HMI
- Tube-guided by servo traversing
- Easy handling arrangement for tube bundles

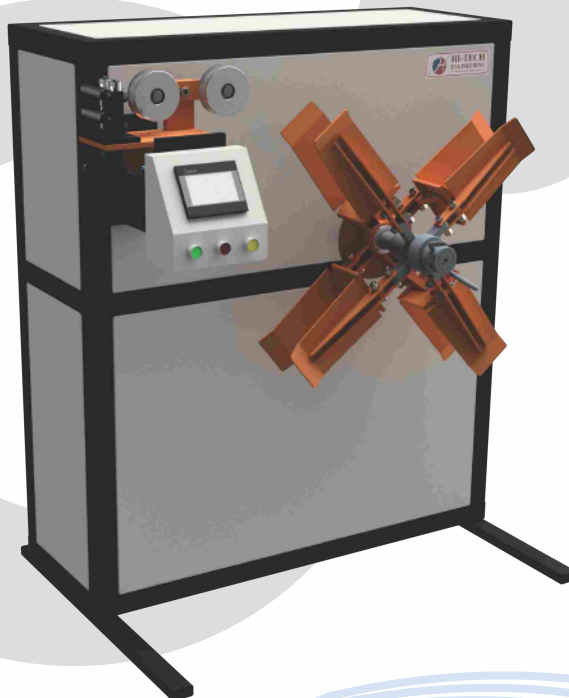


### BENEFITS

Increases productivity | Reduces downtime

Built with sturdy materials

Tailor the machine to specific needs



## 14. Dual Head Tube Coiler Machine

Our Dual Head Tube Coiler Machine maximizes efficiency with simultaneous operation, doubling productivity without compromising precision. Versatile & Reliable, it's the ultimate solution for optimizing coil manufacturing processes. Elevate your production today.



### Standard Features

- Compact design structure for coiling applications
- Tube guided by a mechanical traversing unit
- Easy handling arrangement for tube bundles
- Function: length-counting meter

### BENEFITS

Increases productivity | Reduces downtime

Built with sturdy materials

Tailor the machine to specific needs



## 15. Dual Head Bobbin to Hank Rewinding Machine

Introducing our Dual Head Bobbin to Hank Rewinding Machine, Revolutionizing yarn processing. With dual heads, it doubles productivity while maintaining precision. Versatile and efficient, it's the ultimate solution for textile industries.

### Standard Features

- Compact design structure for yarn rewinding applications
- Yarn is guided by a motorized screw-type traversing unit
- Function: length-counting meter
- Unwinder spool tension control system
- Easy handling arrangement for Hank



### BENEFITS

Increases productivity | Reduces downtime

Built with sturdy materials

Tailor the machine to specific needs



TO GET IT WIND, WE ARE HERE TO RELY.



## QUALITY ASSURANCE

Quality is the cornerstone of everything we do. Each machine undergoes rigorous testing and inspection to ensure compliance with the highest industry standards.

With **HI-TECH MACHINES**, you can trust in the Reliability, Durability, & Performance of our products.

### — Get in Touch —

Experience the difference with HI-TECH MACHINES. Whether you're looking to upgrade your existing machinery or embark on a new project, our team is here to assist you every step of the way.

**Contact us today to discuss your requirements and discover  
how we can elevate your business to new heights.**





# HI-TECH MACHINES

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