

Fhope Packaging Machinery Co.,Ltd.

A professional supplier for Coil packing machine, wire packing machine, pipe packing machine, hose packing machine, pallet wrapping machine, door packing machine



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Coil Upender

FPW Series: Wire coil wrapping machine

FHOPE leads the way in Wire Coil wrapping Machine to help improve your packaging process and save cost. This unique machinery, which packing coils through eye core, is flexible and can be tailored to meet the specification of each customer and packaging line configuration.

Coil data and customer specifications are manually input as coils enter the packaging machine. This data can contain pertinent information such as:

- OD of wire coils
- ID of wire coils
- Width of wire coils
- Weight of wire coils
- Required wrapping speed
- Required wrapping layer
- Customer identification number

Wire coil wrapping machine can uses coil data to make processing decisions in automating the coil packaging line system. Wire coil wrapping machine utilizes PLC&HMI for operate by touch screen interface for entering, viewing and modifying coil information. The touch screen that allows operator to check coil information for each figure shown. Wire coil wrapping machine provides a method for packing adjustment, realignment and revise. In complicated packaging processes in mill, error sometimes occur. In the event that the error will be shown or data can be incorrectly modified by the operator, the right data can be safety. This function allows the operator to modify data for any coil in the touch scream and then proceed with automatic packing operation.

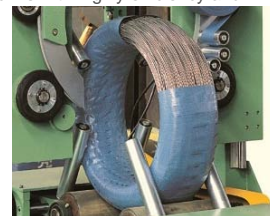
Description:

FPW series wire coil wrapping machine is mainly used to packaging of steel wire coil, copper coil... which is with highly efficiency and nice packaging for saving labor and material cost.

Features:

1. PLC & HMI for automatic operation.
2. Special system for easy loading and unloading.
3. Manual and automatic working mode for easy operation.
4. The converter is adopted to adjust the speed of the ring and rollers
5. Overlap of the packing tape according to requirement.
6. Automatic material cutting.
7. Guardrails, soft starts and stop for safety operation.
8. Height of the ring could be adjusted for different OD of the coil
9. Packaging tension is adjustable by special breaker.
10. The rollers are wrapped by polyurethane for protect the surface of the coils.
11. Indicator alarms automatically when trouble occurs. Trouble can be shown automatically.
12. Special brake for the tape release device to avoid material folding.
13. Widely packing material applicable.

Note: Can be designed according your specification.





Packaging Materials

» Other Packaging Machinery

Another Machines



Steel Coil Packing Machine

The machinery is specialist for the packing process of slit steel coil, stainless steel coil, alloy coil...Trolley can be choose for loading&unloading. Automatic coil packing line is available too.



Copper Coil Packing Machine

The copper coil packing machinery is ablet to covers a tight layer of film or paper over all surfaces of the coil. The coil can be with eye vertical or eye horizontal packing. Money save, high speed.



Copper coil wrapping machine

Following is the advantages of the copper coil wrapping machine for packing steps:1. Energy save 2. Material costs lower 3. Easily maintaining.4. Highly efficiency

Parameters:

	FPW-800
Voltage (V/Hz)	380v 50Hz 3Phase
Power (KW)	8.0kw
Steel wire coil ID(mm)	508/610
Steel wire coil OD(mm)	800-1600
Steel wire coil width(mm)	300-800mm
Steel wire coil Weight(Kg)	200-5000kg
Packing material	PVC/LLDPE/PE/PAPER/HDPE ID:50mm OD:100-250mm Width:100-300mm
Overlapping rate	10%-90%
Air supply.	5-7kgf/ c m ²

The machinery is flexible for specification requirements, which can be designed almost any size of steel wire coil. It can operate with remaining stationary and loading coils presented by crane, C-hook or truck to a mobile coil trolley that traverses into a packaging station. Coils can also be brought to the station by coil trolley or coil tipper, coil tilter conveyor. The machine can also move in and out, positioning itself by limited sensors alongside a packing station, or keeping on floor rails enabling the machine to move to several packing stations. Supportive rolls are incorporated into the packaging station and can be either stationary or mobile with truck as well.

Control:

- Ø PLC&HMI adopted.
- Ø Automatic material calculates function.
- Ø Ring stop, start and reset.
- Ø Manual and automatic working mode for easy operation.
- Ø The converters for adjusting the speed of the ring and rollers
- Ø Overlapping rate of the packing material according to requirement.
- Ø Foot Switch jog
- Ø Sensor and limiting stopper for safety
- Ø overcurrent protection

Operation:

- Ø Height of the ring could be adjusted for different OD of the coil
- Ø Special design for easy loading and unloading by manual easily.
- Ø Automatic material cutter.
- Ø Packaging tension adjustable.
- Ø Overlap is adjustable.
- Ø Packaging tension is adjustable by special mechanical device
- Ø Guardrails, soft starts and stop for safety operation.
- Ø The rollers are wrapped by polyurethane for protect the surface of the coils.
- Ø Widely packing material applicable.
- Ø Supportive roller for protecting the coil in wrapping to avoid shaking.

Another machines:





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