

Easy to use, durable and can be used for a long time.

# HAND WRAPPER

Energy-saving type

A long-selling product that has been manufactured and sold since 1953 in Japan.  
The product is exported to various countries mainly in Asia, and is used in supermarkets and grocery stores all over Japan.



**U-45PN (100V)**  
**U-450JP (220V)**

Set the film at the back of the machine. The film can be easily set, even a 1000m roll of film.

Made in Japan



**B-45PN (100V)**  
**B-450JP (220V)**

The film can be housed in the machine. A model that is compact and the film is hard to contaminate.

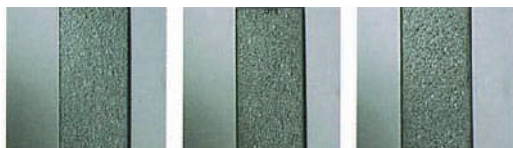
Made in Japan

## Excellent durability / Galvalume steel plate body

Strong corrosion-resistance with reliable durability even for the fishery industries.

The combination of the aluminum's film protection and zinc's anti-corrosive properties gives it excellent corrosion-resistant capability in any location.

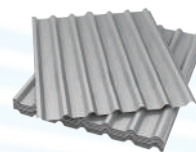
Durability data:  
Outdoor exposure test shows corrosion has not progressed even after five years.



5 months later

3 years later

5 years later



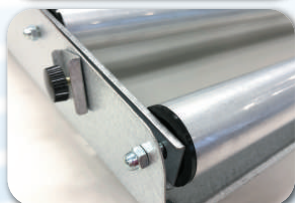
Galvalume steel plate is used for various purposes.  
Roofing materials, laundry dryers, oil stove, sinks, ducts, etc.

## Easy to use

A wide groove for holding the film. Easy work also makes it easier to pack continuously.



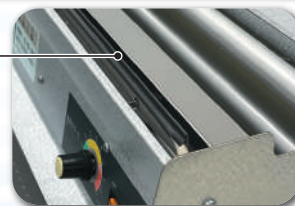
The rotation is adjustable, and the film tension can be adjusted for easier packing.



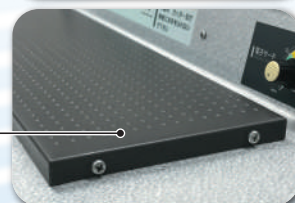
## Easy Maintenance

The cutter blade and heating plate have a special coating, making them contamination-resistant and easy to clean, keeping them sanitary.

Coating



Coating +  
Embossing





## Energy-saving leads to reduction of electricity costs

Power consumption 185W

## Sturdy body

A high-strength design with sturdy galvalume steel plates mounted on the chassis.  
Stable work over a long time is possible.

## Safety

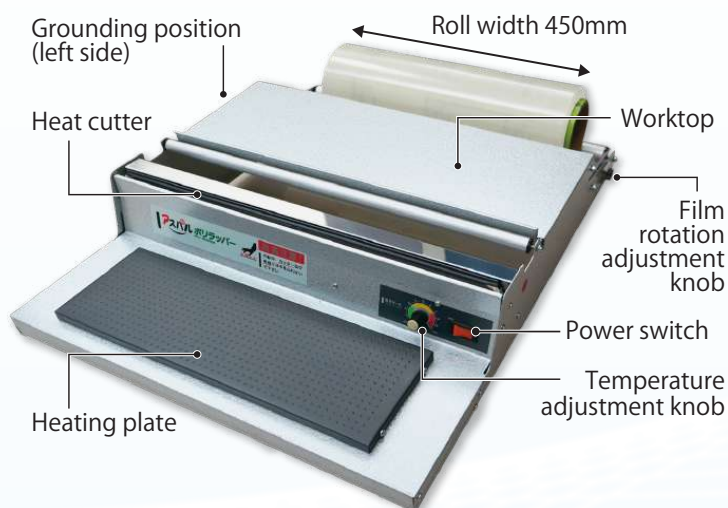
A hole is provided for the ground wire for leakage prevention.  
\* The ground wire is not included.

Hole for the ground wire



## Anti-static measures

Carbon-containing resin is employed for the roller bush to reduce static generation caused by roller rotation.  
It is designed to reduce discomfort for the operator and keep dust out.



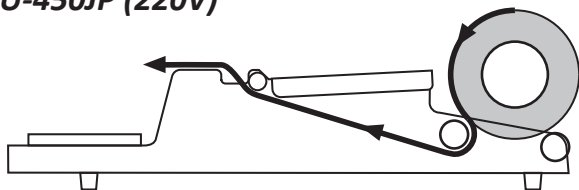
## Easy to replace parts

The parts connection portion is a plug-in connector type.  
Main parts can be replaced with one single Phillips-head screwdriver

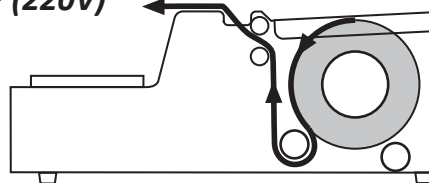


## Internal structure

**U-45PN (100V)**  
**U-450JP (220V)**



**B-45PN (100V)**  
**B-450JP (220V)**



## Specifications

Model	Power supply	Power consumption	Maximum film width	Maximum film length	Maximum film diameter(approx.)	Size of heating plate	Size of machine	Weight	Plug Type	
U-45PN	100V	165W	450mm	1000m	140mm	375×122 mm	504×600×131 mm	5.7kg	A	
U-450JP	220V	185W							F	
B-45PN	100V	165W		750m	130mm		504×450×200 mm	6.4kg	A	
B-450JP	220V	185W							F・G	

## Applicable films

Various stretch films up to 45 cm in width are applicable.

Film material  
- Polyethylene film (polyolefin film)  
- PVC Film

## Temperature

- Cutter blade:  
Up to approx. 180° (220V)
- Heating plate:  
Up to approx. 160° (220V)

## Image in use



Movie



## Plug type



Type A  
Two flat parallel pins



Type F  
Two 4.8mm round pins



Type G  
Three rectangular blades

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A manufacturer and trading company established in 1949 with head office in Nagoya. We deal with packaging related equipment, insect traps and other sanitary equipment, health-care products, textile equipment, and more. Of all our products, our hand wrappers have top share in Japan. Today we export many of our products overseas.