

# HTS related machine Product Catalog

- *Rewinding machine*
- *Transport property machine*
- *Inspection machine*
- *Cleaning machine etc*

*We design and manufacture  
machines related to HTS.*

**SANKI INDUSTRY CO.,LTD.**  
**Faraday Factory Japan LLC**

# ***Product List***

## **Rewinding machine**

### Device overview

- A machine that rewinds HTS from reel to reel.
- It can be wound at constant speed and tension.

### Specification

Speed : 1.0~50.0m/min

Tension : 0.5~2.0kgf

Distance : 0~±9000.000m

Operation method : touch panel  
and button



## **Tape cleaning machine**

### Device overview

- It is a machine that removes foreign matter and dirt adhering to the surface of the tape.
- The cleaning method uses both WET and DRY cleaning.
- The winding specifications conform to the Rewinding machine.



## **Tape thickness/image measuring machine**

### Device overview

- It is a machine that inspects the thickness and surface condition of the tape while winding the tape in Reel to Reel.
- Thickness measurement is a non-contact measurement with a laser.
- Inspection of surface condition is image processing measurement by camera.



# ***Product List***

## **Transport property measurement machine**

### Device overview

- The tape is wound up to an arbitrary measurement position by Reel to Reel, the electrode is pressed to the tape in LN<sub>2</sub>, and the current is directly applied, making it a device that measures the critical current by 4-terminal method.



## **Ultrasonic cleaning machine**

### Device overview

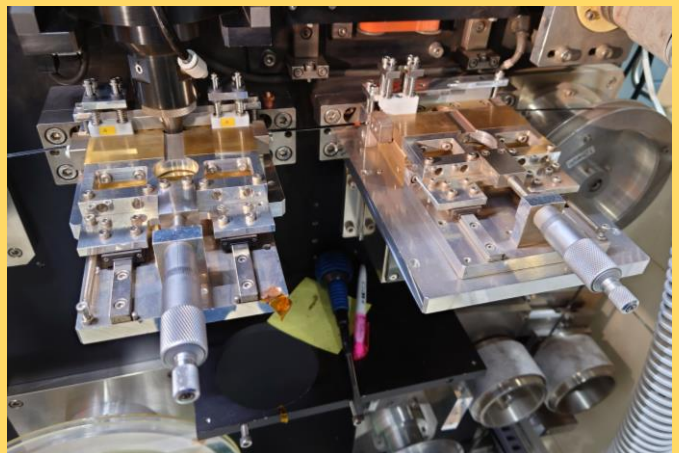
- It is a machine that cleans the tape in four ultrasonic cleaning tanks while winding the tape in reel-to-reel.
- Remove the cleaning solution attached to the tape with an air blow.
- The ultrasonic cleaning tank is automatically driven up and down.

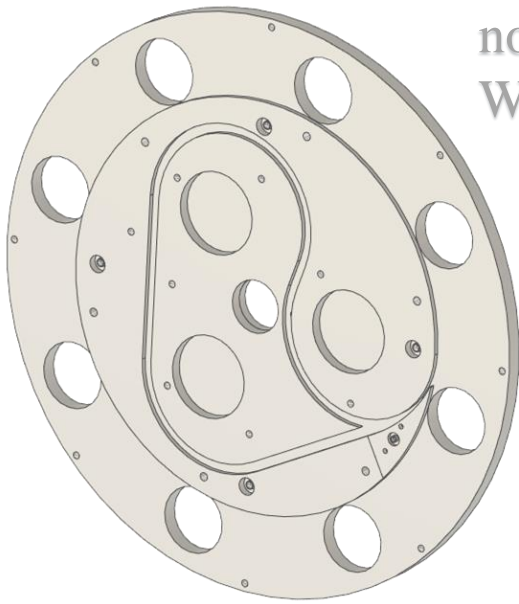


## **Processing stage and winding system for laser slitting**

### Device overview

- Since a micrometer is used to hold down the width direction, it is possible to hold down accurately in units of 0.01 mm.
- The parts that the tape rubs against are surface treated to improve wear resistance.





non-inductive  
Winding reel

*For product details, please see the website below.*

*<http://www.mmjp.or.jp/sanki/>*

*Or contact us directly.*

*We can also design and manufacture custom-made products that are not in the catalog.*

*In particular, we are good at manufacturing devices that use winding drives.*

## Manufacturer

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