

**SUPER BELT SANDER**

**Precise Surface Cleaning Machine**

***MNW-610-C2***

***MNW-710-C2***



## Used Application

For making the plate surface, Removing of permanent through hole plugging ink (UV、Heat Hardening)、Thickness trimming and eliminating rough surface after plating, deburring after drilling, Scrubbing resin film of build-up plate and repairing of scratch on the SUS Panel



## Feature

- Suitable installation system can be made according to the line facility of your plant apply to machine layout.
- According to select the sanding belt, perfect for scrubbing with light sanding to heavy grinding as adjustment of uneven thickness of the plate, scrubbing build-up resin film.
- As this applies wet grinding system, there are no adherence or external dispersion to the abrasive products with reduced amount of wear of abrasive material and no thermal deformation.
- The machine equipped the contact roll to catch Sanding belt which has spiral groove on roll to make a good scrubbing performance to get hi-face equalization and widely even roughness control on work.

## Equipment

- Most mainly electric devices as Touch panel, PLC, Inverter and else, are made in Japan. Therefore we could get high reliability for operation.
- Auto-pressure control function is installed for standard items, therefore It can control interpolate scrubbing on work even if plate has a waving surface.
- By simply Touch panel operation, you can set the panel thickness easy.  
Also we have a option as Automatic thickness setting function so that it will be done by machine itself without any operation.
- Using sanding cloth allows for heavy duty grinding.
- The body is made of monocoque construction using stainless steel thick material that maintains highly accurate process with less vibration. And initial precision can be reproduced by overhaul.
- Because using stainless steel for vital part, the body is rust-free and heavy duty design.
- Grinding belt can be replaced with a simple operation which allows to change the abrasive granularity (granularity of surface) that is acceptable to the condition of the board in a quick and efficient manner.
- By scrubbing at a constant pressure using wide grinding belt, excellent surface cleaning effect is delivered and evenness of surface roughness can be obtained.

## Machine specification

	MNW-610-C2	MNW-710-C2
Max. work width	610mm	710mm
Min. work length	250mm	
Work thickness	0.4~5.0mm (less than t0.2 is option)	
Spindle motor	3.7kw with Inverter control	
C/V motor	0.2kw with Inverter control	
Water supply pump	0.5KW	
Sanding belt speed	200~600m/min	
Conveyor speed	0~5m/min	
Sanding cloth size	650 (W) × 2000 (L) mm	750 (W) × 2000 (L) mm
Air source	0.5MPa 30Nl/min	
Machine weight	950kg	1050kg

※The specification is subject to change without notice for modification.

## ■ Plate Thickness Setting

### ●AUTOMATIC

The all plates are measured with thickness measuring machine and any setting can be changed automatically. For instance, it will allow to perform the scrubbing process equally as any thickness of plates as same way even loading different thickness of plates in random order.

### ●SEMI AUTOMATIC

The operator can enter the plate thickness scrubbing surface of central control panel and setting can be switched with Set SW or ON buttons.

### ●MANUAL

The operators can be performed using handle operation with visually checking the current.

## ■ Automatic Pressure Control Mechanism

This feature allows the scrubbing process to work with the same pressure constantly which supports the sanding cloth wear and fine thickness error of the board. The current value during scrubbing process can be automatically controlled.