

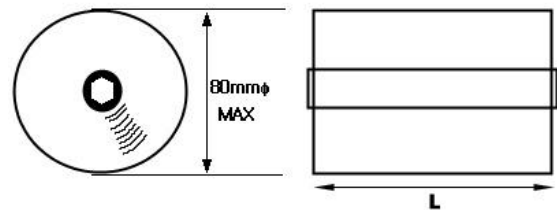
## KS-1600AH

Automatic Winding Machine  
For Electric Double Layer Capacitors (Plastic Core)



- ◆ Wind Velocity
- ◆ Solar Energy
- ◆ Modem

### Element Size

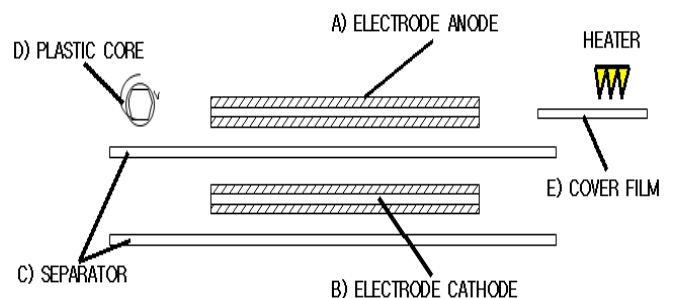


- D 25mmφ (Min) ~ 80mmφ (Max)
- L 30mm(Min) ~ 176mm(Max)

### Main Features

- ◇ Industrial Computer system with TFT 15" LCD color display
- ◇ Automatic tension control
- ◇ One touch auto clamping system
- ◇ Winding offset adjustment
- ◇ Edge position control(Electrode)
- ◇ Raw material checking sensor
- ◇ Plastic core type

### Winding Flow Chart



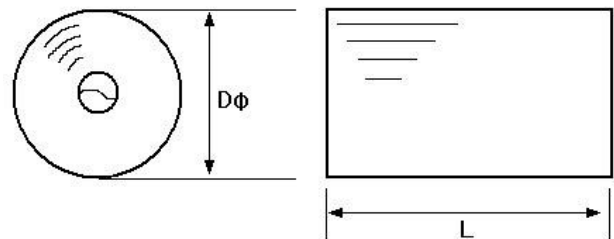
## KS-1506A

Automatic Winding Machine  
For Electric Double Layer Capacitors



- ◆ Wind Velocity
- ◆ Solar Light
- ◆ Modem

### Element Size

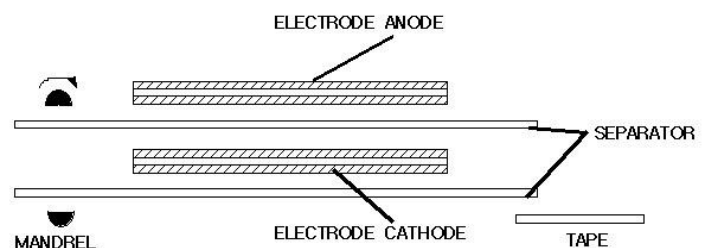


D : 25mmφ (MIN) ~ 60mmφ (MAX)  
L : 30mm(MIN) ~ 140mm(MAX)

### Main Features

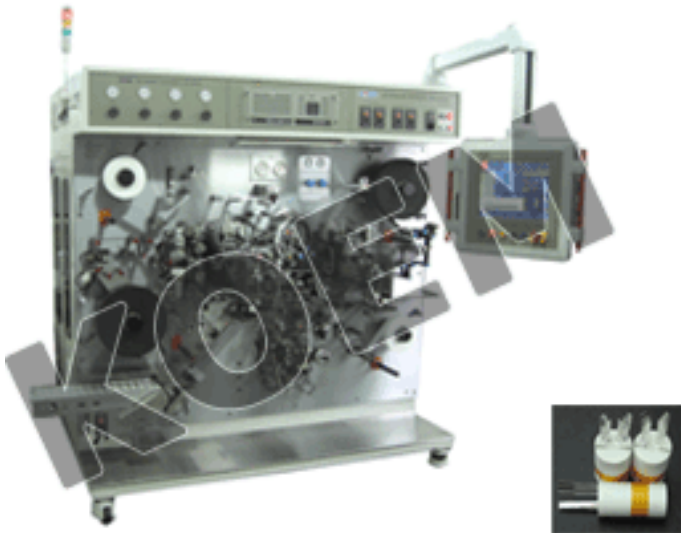
- ◇ Industrial Computer system - TFT 10.4" LCD color display
- ◇ Automatic tension control
- ◇ One touch auto clamping system
- ◇ Winding offset adjustment
- ◇ Edge position control
- ◇ Raw material checking sensor

### Winding Flow Chart



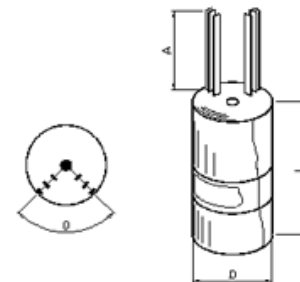
## KS-2260A

Automatic Stripping, Welding & Winding Machine For Electric Double Layer Capacitors - Lug Type Multi Tab



- ◆ HEV/ESS
- ◆ LED Light
- ◆ Wind Power

### Element Size



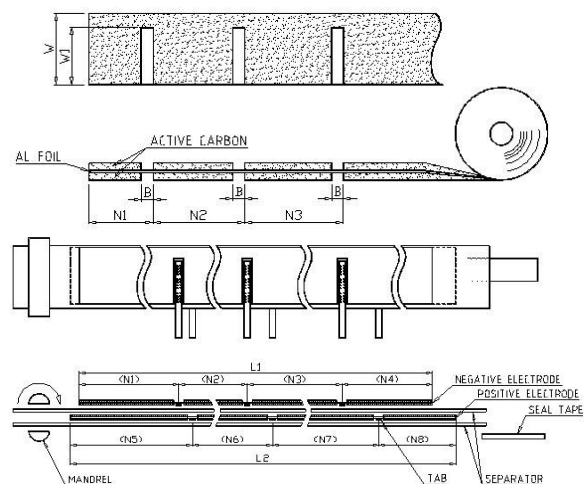
D 20φmm(Min) ~ 50φmm(Max)  
L 25mm(Min) ~ 85mm(Max)

### Main Features

-This automatic machine is designed to do the carbon stripping from the coated activated carbon on the AL-foil and to do the Tab welding(Min.2 to 6 Tabs) by the Cold Welding methods. After that, it will be done the winding process with AL-foil insertion into two separators. Finally, do the seal tape winding and then the element ejection through the automatically conveyor system.

- ◇ 2 Tab to 6 Tab Winding
- ◇ Air Guide Roller
- ◇ E.P.C(Edge Position Control)
- ◇ Cold Welding Method

### Winding Flow Chart

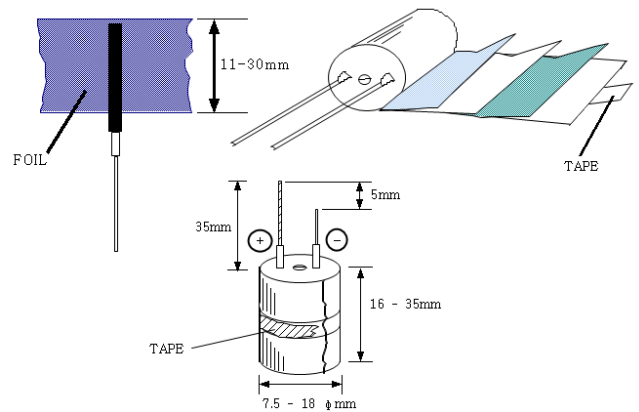


## KS-500A

Automatic Winding Machine For Electric Double Layer Double Capacitor(Super Capacitor)



### Element Size

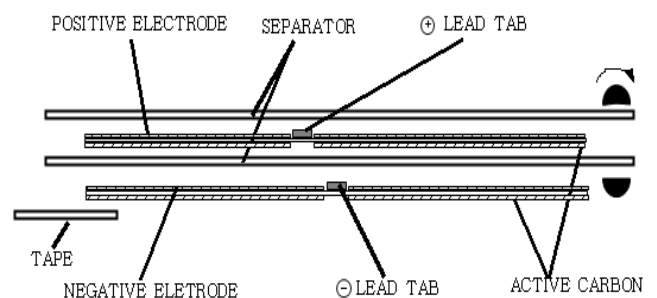


D 7.1φmm(Min) ~17φmm(Max)  
L 14mm(Min) ~ 34mm(Max)

### Main Features

- ✧ Industrial Computer system - TFT 10.4" LCD color display
- ✧ Automatic tension control
- ✧ One touch auto clamping system
- ✧ Winding offset adjustment
- ✧ Raw material checking sensor

### Winding Flow Chart



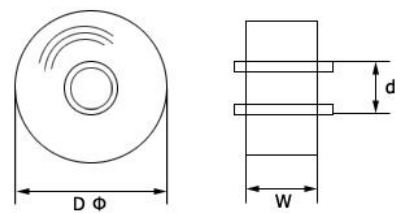
## KT-500H

Automatic Stripping Machine

For Electric Double Layer Double Capacitor(Super Capacitor)



### Re-winder Reel Diameter

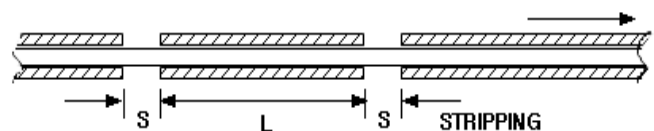


D 150φmm(Min) ~ 380φmm(Max)  
W 10mm(Min) ~ 30mm(Max)

### Main Features

- ✧ Controlling servo motor by industrial computer makes speed and length possible to keep precise.
- ✧ Classify and control 'the tension and motor' of open & winding reel and then attach to foil drawing device.
- ✧ Stripping by special brush makes m/c run within 2sec (high-speed) and 5 dust systems are very suitable for electrode quality and keeping m/c clean.
- ✧ A high-speed mechanism and control device make the highest product.

### Stripping Flow Chart



S 3.5mm/mm  
L 50mm ~ 600mm