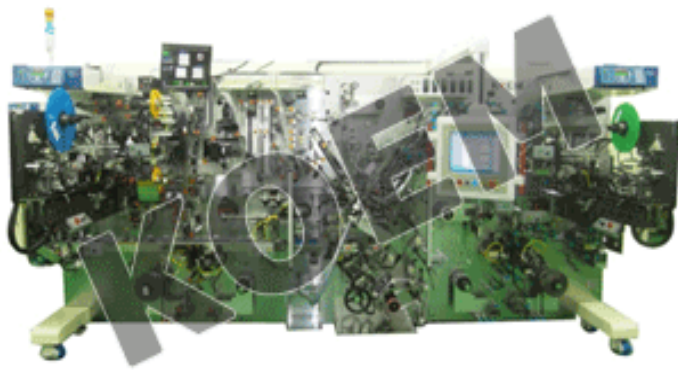




AUTOMATIC PRODUCT LINE OF LI-ION BATTERY

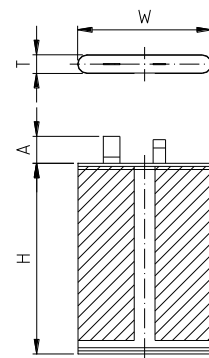
KS-2825AH

Automatic Winding Machine For Lithium Battery
Polymer(Large Size) & Prismatic Type



- ◆ Smart Phone
- ◆ Cellular Phone

Element Size

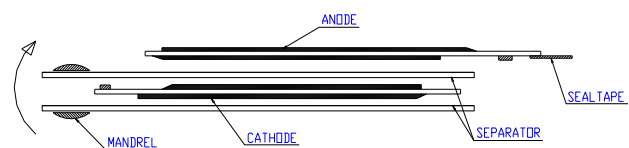


T	4mm(Min) ~ 10mm(Max)
W	34mm(Min) ~ 50mm(Max)
H	35mm(Min) ~ 65mm(Max)

Main Features

- ◇ Electrode Auto Change System
- ◇ Separator Auto Change System
- ◇ Air Guide Roller
- ◇ Anode Tab Cover Taping System
- ◇ Ultrasonic Welding System
- ◇ Dust Hood Device
- ◇ Anode Free Edge System
- ◇ E.P.C.(Edge Position Control)

Winding Flow Chart

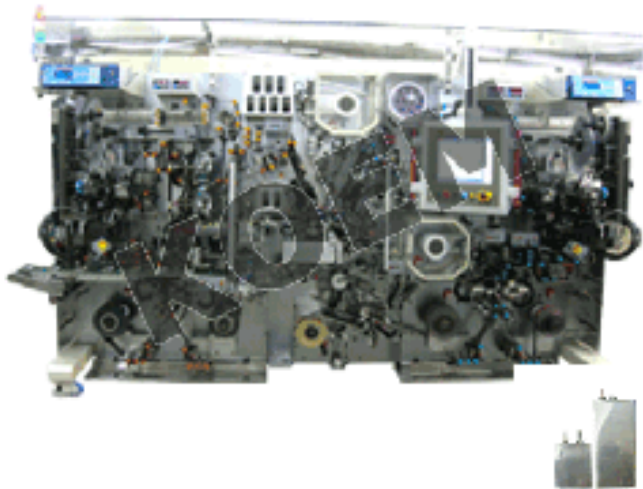




AUTOMATIC PRODUCT LINE OF LI-ION BATTERY

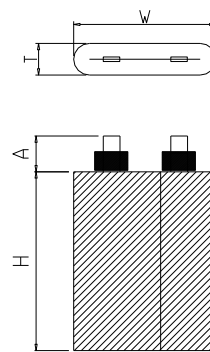
KS-2820A

Automatic Winding Machine For Lithium Battery
Polymer(Large Size)



- ◆ Tablet PC
- ◆ Slim Laptop
- ◆ Smart Phone/E-Book

Element Size

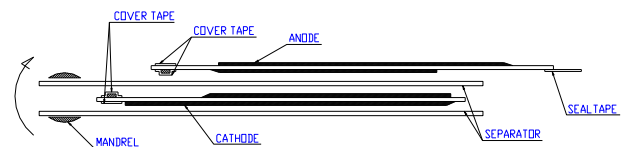


T	2mm(Min) ~ 10mm(Max)
W	30mm(Min) ~ 80mm(Max)
H	30mm(Min) ~ 140mm(Max)

Main Features

- ◇ Electrode Auto Change System
- ◇ Separator Auto Change System
- ◇ Air Guide Roller
- ◇ Anode Tab Cover Taping System
- ◇ Cathode Tab Cover Taping System
- ◇ Ultrasonic Welding System
- ◇ Dust Hood Device
- ◇ E.P.C.(Edge Position Control)

Winding Flow Chart





AUTOMATIC PRODUCT LINE OF LI-ION BATTERY

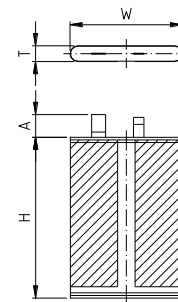
KS-1285A

Automatic Winding Machine For Lithium Battery Prismatic Type



- ◆ Smart Phone
- ◆ Cellular Phone

Element Size

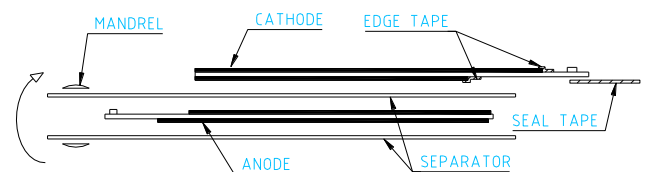


T	2.5mm(Min) ~ 7.5mm(Max)
W	27mm(Min) ~ 50mm(Max)
H	30mm(Min) ~ 65mm(Max)

Main Features

- ◇ Electrode Auto Change System
- ◇ Separator Auto Change System
- ◇ Automatic tension control
- ◇ Air guide roller
- ◇ Ultrasonic welding system
- ◇ Dust hood device
- ◇ 3 rotor's winding head consecutively drive
- ◇ E.P.C.(edge position control)

Winding Flow Chart

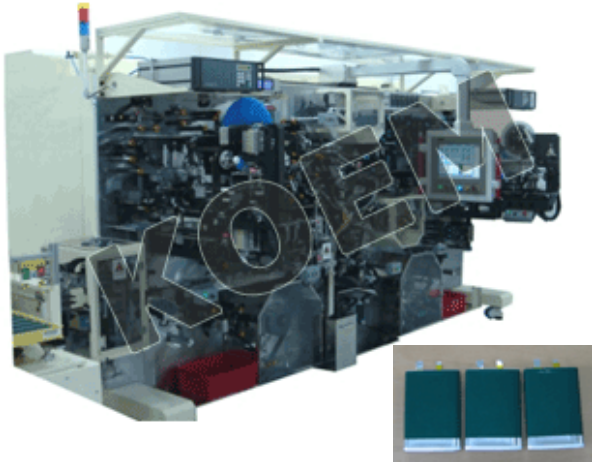




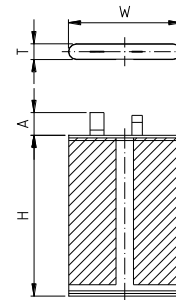
AUTOMATIC PRODUCT LINE OF LI-ION BATTERY

KS-1265A

Automatic Winding Machine For Lithium Battery Prismatic Type



Element Size



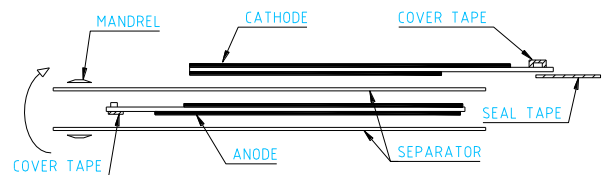
T	2mm(Min) ~ 10mm(Max)
W	28mm(Min) ~ 45mm(Max)
H	30mm(Min) ~ 65mm(Max)

- ◆ Smart Phone
- ◆ Cellular Phone

Main Features

- ◇ Automatic tension control
- ◇ Air guide roller
- ◇ One touch reel clamping system
- ◇ Ultrasonic welding system
- ◇ Dust hood device
- ◇ 3 rotor's winding head consecutively drive
- ◇ E.P.C.(edge position control)

Winding Flow Chart

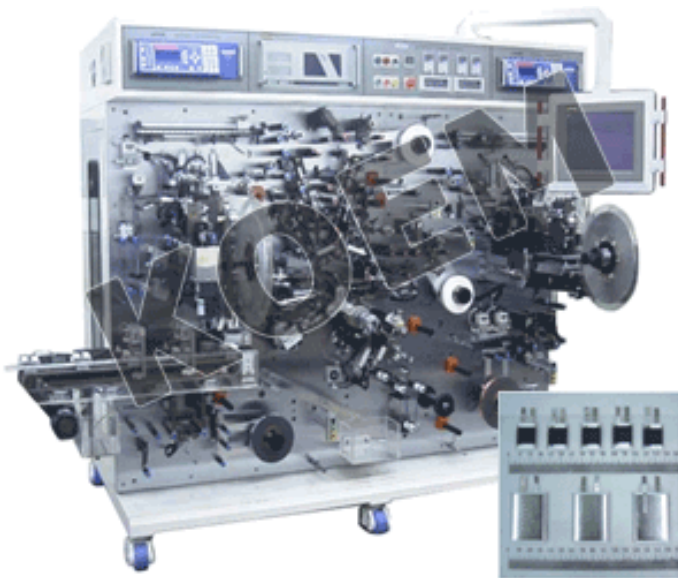




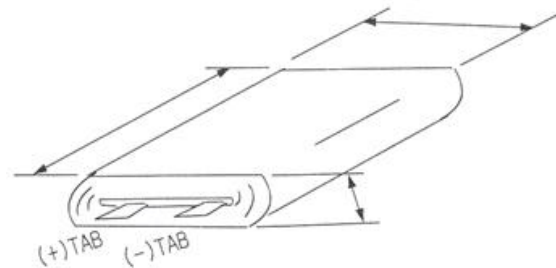
AUTOMATIC PRODUCT LINE OF LI-ION BATTERY

KS-1000A

Automatic Winding Machine For Lithium Battery



Element Size



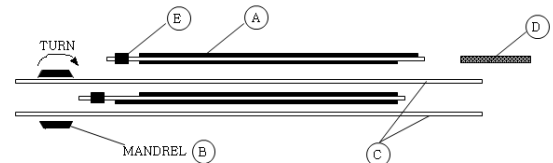
T	3mm(Min) ~ 10mm(Max)
W	20mm(Min) ~ 40mm(Max)
H	15mm(Min) ~ 60mm(Max)

Main Features

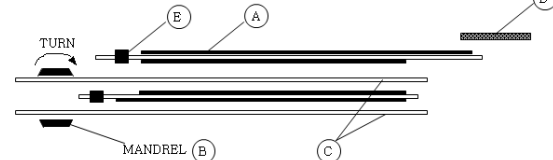
- ❖ Industrial computer control system
- ❖ Automatic Tension Control
- ❖ Air guide roller
- ❖ One-touch reel clamp
- ❖ Ultrasonic welding method
- ❖ Dust hood Device
- ❖ An anion generating device
- ❖ Winding Head with 3 Rotors
- ❖ Date saving function to IPC
- ❖ E.P.C.(edge position control)

Winding Flow Chart

① SEPARATOR COVER TYPE



② ELECTRODE COVER TYPE

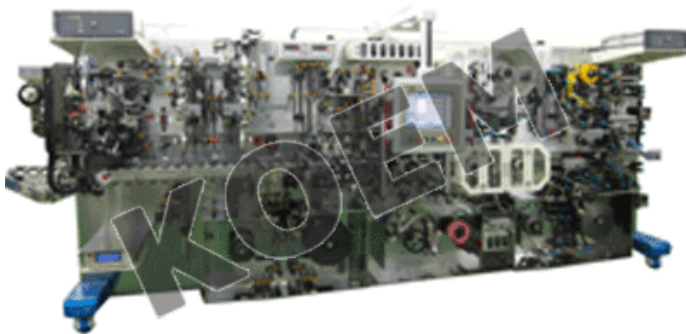




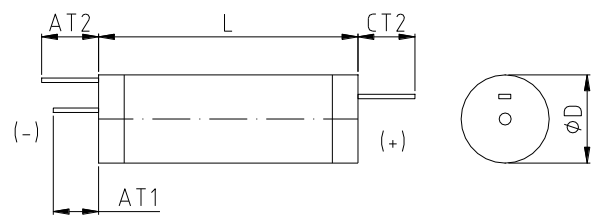
AUTOMATIC PRODUCT LINE OF LI-ION BATTERY

KS-3165A

Automatic Winding Machine For Lithium Battery Cylinder Type



Element Size

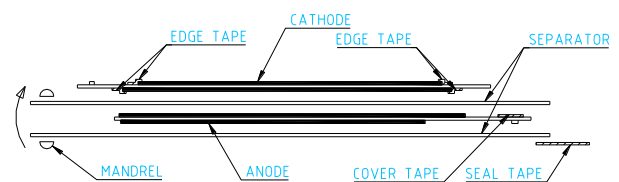


H	37mm(Min) ~ 65mm(Max)
D(Ø)	14mm(Min) ~ 26mm(Max)

Main Features

- ✧ Industrial Computer Control System
- ✧ Automatic Tension Control
- ✧ Air Guide Roller
- ✧ One Touch Reel Clamping System
- ✧ Ultrasonic Welding System
- ✧ Dust Hood Device
- ✧ 3 Rotor's Winding Head Consecutively Drive
- ✧ E.P.C.(Edge Position Control)

Winding Flow Chart

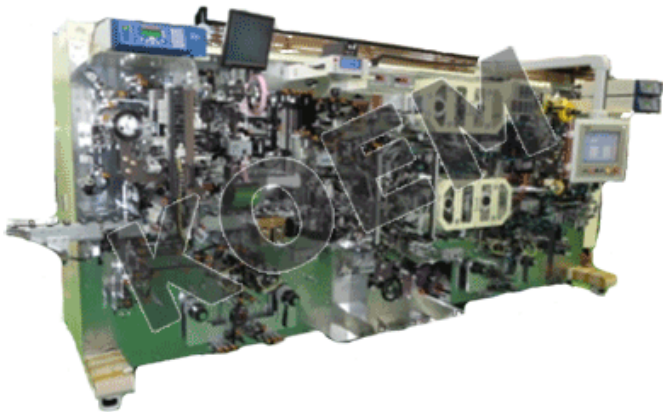




AUTOMATIC PRODUCT LINE OF LI-ION BATTERY

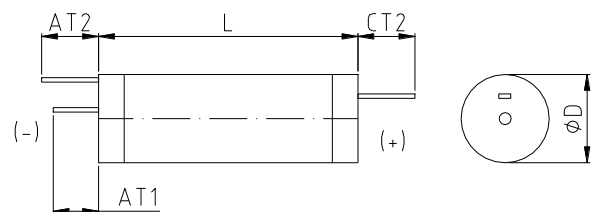
KS-3162A

Automatic Winding Machine For Lithium Battery
Cylinder Type(Multi-Tab)



- ◆ Power Tools
- ◆ UPS
- ◆ TOY

Element Size

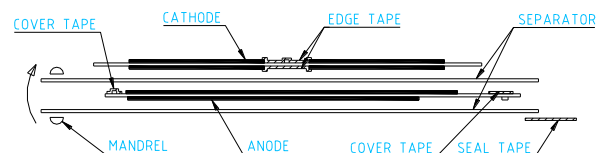


H	37mm(Min) ~ 65mm(Max)
D(Ø)	14mm(Min) ~ 26mm(Max)

Main Features

- ✧ Industrial Computer Control System
- ✧ Automatic Tension Control
- ✧ Air Guide Roller
- ✧ One Touch Reel Clamping System
- ✧ Ultrasonic Welding System
- ✧ Dust Hood Device
- ✧ 3 Rotor's Winding Head Consecutively Drive
- ✧ E.P.C.(Edge Position Control)

Winding Flow Chart

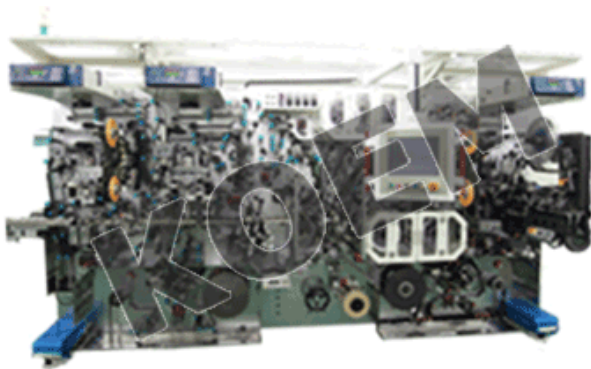




AUTOMATIC PRODUCT LINE OF LI-ION BATTERY

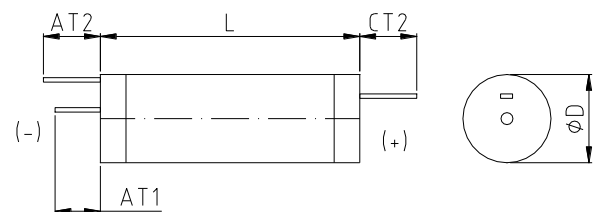
KS-3126A

Automatic Winding Machine For Lithium Battery
Cylinder Type(Multi-Tab)



- ◆ Power Tools
- ◆ UPS
- ◆ TOY

Element Size

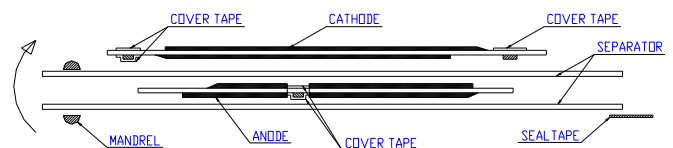


H 55mm(Min) ~ 65mm(Max)
D(Ø) 14mm(Min) ~ 26mm(Max)

Main Features

- ✧ Electrode Auto Change System
- ✧ Separator Auto Change System
- ✧ Air Guide Roller
- ✧ Anode Tab Cover Taping System
- ✧ Cathode Tab Cover Taping System
- ✧ Jelly Roll Outer Diameter Measure System
- ✧ Ultrasonic Welding System
- ✧ Dust Hood Device
- ✧ E.P.C.(Edge Position Control)

Winding Flow Chart

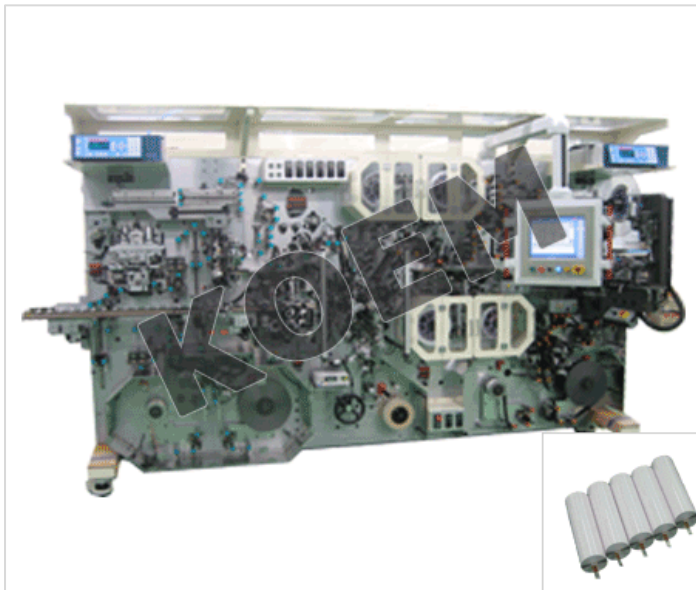




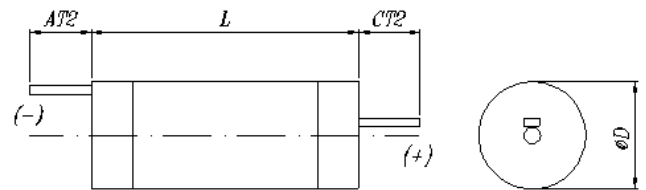
AUTOMATIC PRODUCT LINE OF LI-ION BATTERY

KS-3125A

Automatic Winding Machine For Lithium Battery Cylinder Type



Element Size



H 55mm(Min) ~ 65mm(Max)
D(Ø) 14mm(Min) ~ 26mm(Max)

- ◆ Laptop
- ◆ Digital Product
- ◆ Electronic Equipment

Main Features

- ✧ Electrode Auto Change System
- ✧ Separator Auto Change System
- ✧ Air Guide Roller
- ✧ Ultrasonic Welding System
- ✧ Dust Hood Device
- ✧ E.P.C.(Edge Position Control)

Winding Flow Chart

