TECHNICAL FILE

AC500
Automatic Coiling Machine
3. Outlook

3-1. Overall

3-2. Meter Counter

3-3. Cable Guider
3-4. Cutter

3-5. Traverse

3-6. Coiler
3-7. Robot Arms and Taping Platform

3-8. Control Box
4-2. Stringing Path

4-2-1. Meter Counter

4-2-2. Cable Guider

4-2-3. Initial Feed Cable

Before this operation, the tip of the cable needs to protrude the exit end of cable guider till the cutting plane of cutter, then press “Initial Feed Cable” button and the machine will do the rest of the operations to get ready for production without risking the operator to manually drag the cable through cutter. During the operation, the indicator of the button will be lit.
1. **Title Screen**

The components in title screen are listed as follow:

1. Back to previous page.
2. Go to main page.
3. Set Chinese as display language.
4. Set English as display language.

Be default, English will be chosen as display language on startup.
2. Main Page

A. Logo of OMEYA Technology and national flag of Taiwan, where OMEYA resides. This button leads to title screen.

B. Title of current page.

C. Time. Tap this section will lead to modify time page. Factory manager authorization is required enter this page to prevent undesired reset on statistical data. For more reference, please refer to “Statistics” page. For information about factory manager, please go to “Factory Manager”.

D. Back to previous page.

E. Speed reference.

   Speed reference defines the speed of coiling machine to run. It takes different sources according to the following descriptions.
   - If “Local/Remote” switch is off, speed reference is retrieved directly from speed knob.
   - If “Local/Remote” switch is on, speed reference is retrieved from horizontal accumulator (AI1). For wiring the signal cable, please refer to chapter 4-1.

F. Current line speed. This value is obtained from meter counter.

G. Total length in current coil in green text and preset length in yellow text. The value of total length is calculated from meter. To reset the value, please go to “Length” tab in “Setting” page.
H. Number of coils completed. To reset the value, please go to “Length” tab in “Setting” page.

The components in “Main” page are listed as follow:

1. Buttons to all pages.
2. Traverse information. The arrows in the left are direction indicators and numbers from top to bottom are upper limit, current position and lower position. To change traverse limits, please go to “Traverse” page.
4. Graphical display of the entire line and sensors.