



**600mm Non-Metal sheet Tapping head w/ CCCS control system**

**7.] Main Specification**

- 7.1.) Type: Tangential eccentric type helical tapping with two pads per head.
- 7.2.) Application: For Mylar, Polyester, and other non-metal sheets.
- 7.3.) Tape dimension: 600mm/OD X 75/ID X 20-60mm/W
- 7.4.) Max. cable diameter: 110mm Max.
- 7.5.) Tapping speed: 350 rpm Max.
- 7.6.) Tension control: Hysteresis type
- 7.7.) Synchronization control: CCCS system
- 7.8.) Driving system: 10HP AC motor with Vector type Inverter

**8.] Machine Composition:**

- 8.1.) 600mm tapping head..... 2heads
- 8.2.) Synchronization control..... 1set
- 8.3.) Hysteresis tension control..... 1set
- 8.4.) Base and safety cover..... 1set
- 8.5.) Control panel..... 1set
- 8.6.) CCCS operation/control system..... 1set
- 8.7.) AC Driving motor..... 1set

**9.] Detail of machine specifications:**

- 9.1.) Tape dimension: 600mm/OD X 75mm/ID X 20-60mm /W
- 9.2.) Tapping pads: Tangential eccentric type helical tapping
- 9.3.) Tape thickness: General purpose such as PE tape, textile tape and etc...
- 9.4.) Tape tension control:
  - 9.4.1.) Type: Hysteresis type tension control
  - 9.4.2.) Tension force: 0.5-5.0 Kg
  - 9.4.3.) Control system: Output tension proportion to the diameter of the tape automatically.
- 9.5.) Tapping Pitch:
  - 9.5.1.) Auto mode: Pitch is adjusted automatically by the parameters , such as the diameter of the cable, tape width, and overlapping ratio which operators keyin to CCCS system.
  - 9.5.2.) Manual mode: Pitch is adjusted by the operators setting from the knobs on the control panel.
- 9.6.) Tapping direction: Helical tapping, S & Z directions.
- 9.7.) Guide dies:
  - 9.7.1.) Inlet side of each tapping complete with a # type guide roller.



- 9.7.2.) In front and rear position of tapping tube complete with guide dies.
- 9.7.3.) On the end of tapping tube, a support stand to be fitted .
- 9.8.) Automatic stop device:
  - 9.8.1.) Tape broken detectors:
    - Type: Pulse detecting type.
  - 9.8.2.) In case of counter length reached.
  - 9.8.3.) In case of safety cover has been opened attached.
- 9.9.) Brake: Pneumatic disk type, to be fitted on the gear box.
- 9.10.) Safety cover:
  - 9.10.1.) Type: Left-right sliding type with rails on the bed.
  - 9.10.2.) There are two plastic glass windows on the front side.
  - 9.10.3.) A fluorescent lamp is inside for illumination.
- 9.11.) Machine bed: Metal/Non-metal tape using same machine bed, that enable exchange of tapping head location.
- 9.12.) Transmission: 10HP AC motor > Timing belt > Tapping head
- 9.13.) Electric operation panel:
  - 9.13.1.) Power source control
  - 9.13.2.) Current/Voltage meters
  - 9.13.3.) AC motor operation panel
  - 9.13.4.) Tape tension indicator
  - 9.13.5.) Tape pitch control
  - 9.13.6.) Tapping speed indicator
  - 9.13.7.) Tape broken detector
  - 9.13.8.) CCCS control system

**10.] Operation direction: Right hand ( from right to left ).**