



PAN-PIONEER Co., Ltd.

民鋒股份有限公司

Specification

1.] NC-00 Concentric / Eccentric Type Tapping Head

1.1.) Main specification:

1.1.1.) Model:

MODEL	Tapping Pad			Max. Cable O.D.	Max.Speed(Rpm)		Driven Motor (Hp)
	O.D	I.D	W.		Metal	Non Metal	
NC-40	400	75	30	10mm	1400	2200	10/5
NC-50M	500	75	40	25mm	1000	1600	15/7.5
Spooler type	Custom-design					1800	15-20

1.2.) Features:

1.2.1.) Type: Horizontal concentric type helical tapping, one pad per head.

1.2.2.) Application:

1.2.3.) For paper, myler, polyester, mica..non-metal sheet

1.2.4.) For Copper, Aluminum foil..metal sheet

1.2.5.) Tension control: Hysteresis tension brake

1.2.6.) Spare pads holder: 10 pads Max.

1.2.7.) CCCS: Central Computerized Control System.

1.3.) Machine composition:

1.3.1.) Tapping head..... 1set

1.3.2.) PLC control system..... 1set

1.3.3.) Touch screen monitor 1set

1.4.) Remarks:

1.4.1.) If the above specification differs from that of the quotation or sales contract, according to the quotation or sales contract.

2.] Detail specifications:

2.1.) Tape thickness: Custom-design

2.2.) Tape tension control:

2.2.1.) Type: a hysteresis brake mounts in each tape pad, offers precisely tension force during tapping.

2.2.2.) Tension control algorithm : Auto / manual control are switable. Tension is calculated automatically by the Fuzzy-logic control system built in PLC and is proportional to the diameter of the tape-pad during operation.



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- 2.2.3.) Max. tension: Kgs for non-metal tape.
Kgs for copper/aluminum foil tape.
- 2.2.4.) Tape run-out indication : Taping head slow down before running out tape and indication for operator.
- 2.2.5.) Tape broken detector: Photo sensor type, which activate emergency stop once broken tape detected.
- 2.2.6.) Guide dies:
 - a.) Inlet side of tapping head complete with guide roller
 - b.) In front and rear position of tapping tube complete with guide dies.
- 2.2.7.) Spare pads storage space: 600-1000mm ,custom-design available
- 2.2.8.) Emergency stop device:
 - a.) In case of tape broken
 - b.) Counter length reached
 - c.) Safety cover opened
- 2.2.9.) Machine safety house:
 - a.) Type: All-in-one type with two door sliding type.
 - b.) There are two plastic glass windows on the front side for inside viewing
 - c.) A fluorescent lamp is provided inside the cover
- 2.2.10.) Transmission: AC motor + Inverter > timing belt > tapping head. Speed synchronized with main machine
- 2.2.11.) "CCCS" operation system with Touch screen monitor:
 - a.) Type: "MMI" + "PLC"
 - b.) Application: Key-in all of the desire data on "MMI" screen, data appears operation situation and faults appear



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