



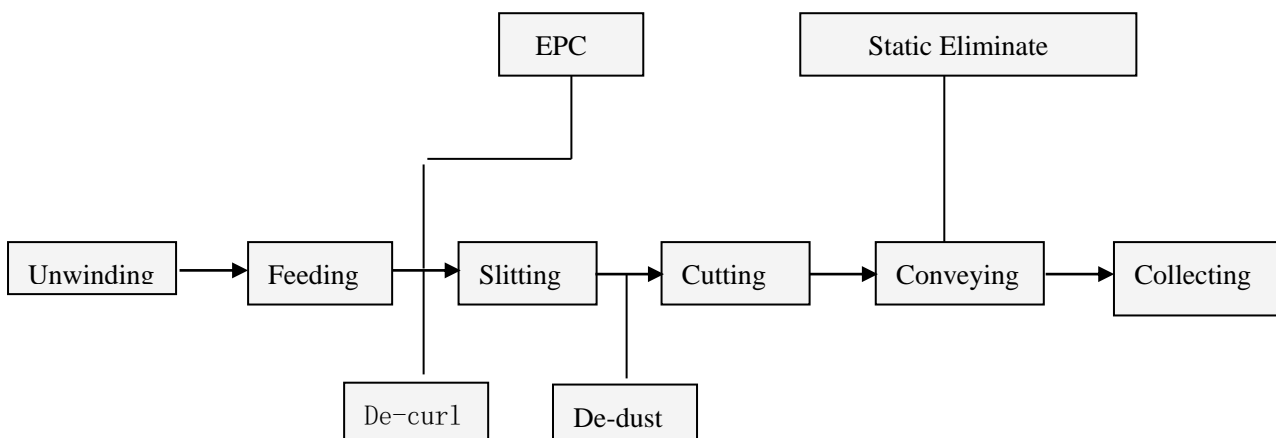
## EX-A4-4 (Pocket) Cut Size Sheeting



### SPECIFICATION

#### 2.1. Technical of Equipment

As technical of our machine, we hereby describe the related functions and work flow for paper products: unwinding→ cutting → conveying → collecting → Packaging.





## A. CHM-A4-4(pocket) Cut Size Sheeting Machine

### A.1. Main Technical Parameter

Paper Width	:	Gross width 850mm, net width 840mm
Cutting numbers	:	4 cutting-A4 210mm (width)
Paper roll's diameter	:	Max.Φ1400mm. Min.Φ600mm
Paper core's diameter	:	3"(76.2mm)or 6"(152.4mm) or according to the clients' demand
Packing Paper grade	:	High-grade copy paper; High-grade office paper; High grade Free Wood paper etc.
Paper weight	:	60-100g/m <sup>2</sup>
Sheet length	:	297mm ( specially design for A4 paper, the cutting length is 297mm)
Ream amount	:	500 sheets Max. Height: 45-55mm
Production speed	:	Max 0-250m/min(depends on different paper quality)
Max. Numbers of cutting	:	Max 841min
Output of the ream	:	Max 26reams/min
Load of cutting	:	400g/m <sup>2</sup> (4×100g/m <sup>2</sup> )
Cutting accuracy	:	±0.2mm
Cutting condition	:	No variation of the speed, no break, cut all the paper at one time and need the eligible paper.
Main power supply	:	3*380V /50HZ
Voltage	:	220V AC /24V DC
Power	:	32KW
Air consumption	:	300NL/min
Air pressure	:	6 bar
Edge cutting	:	2×10mm
Safety standard	:	Design according the safety standard of China

### A.2. Standard Configuration

#### 1. Unwind Stand (2 Sets= 4Rolls)

(include 3 sets of railway and trolley)

A-1 Type: CHM-A4-4

- 1) Machine Type : Each machine table can take 2 sets of shaftless paper rack.
- 2) Diameter of the paper roll : Max. Φ 1500mm
- 3) Width of the paper roll : Max. Φ 850mm
- 4) Paper rack's material : Steel
- 5) Clutch device : Pneumatic Braker and control





- 6) Clip arm's adjustment                      Manual adjust by oil pressure
- 7) Paper core demanding                      3"(76.2mm) or 6"(152.4mm) or according to the client's need

## 2. Automatic tension control system

A-2 Type: Automatic tension control system

- 1) When the paper through inductor, that automatic feedback to the PLC control system to increase brake load, increase or reduce the tension that control the paper tension automatically.



## 3 High precision cutting knife system

A-3 Type: High precision cutting knife system

- 1) Upper and lower knives are rotary make the cutting accuracy is very precision.
- 2) Anti-curve device Include one set of square bar and steel wheel. When the curve paper through paper edge unit that can adjust the paper square and let it flat.
- 3) 5 sets slitting knives

Upper slitting knife take by air pressure and spring. Lower knife connect with bear drive(the diameter is  $\Phi 180\text{mm}$ ) and move with spring. The upper and lower round knife is made by SKH. The lower slitting knife (diameter is  $\Phi 180\text{mm}$ ) and drive with in-phase belts. The lower slitting knife is 5 groups, each group have two knife edge.



## 4) Paper feeding wheel

- Upper wheel                                      :  $\Phi 200*900\text{mm}$  (rubber covered)
- Lower wheel                                     :  $\Phi 400*1000\text{mm}$  (anti-glide)

## 5) Cutting knife group

- Upper cutting knife                         : 2 sets 1100mm
- Lower cutting knife                         : 2 sets 1100mm

- 6) Driving group(High precision bear and belt drive)
- 7) Main driving motor group: 22KW



## 4. Transporting System

A-4.Type: Transporting system

- 1) Transporting by level and overlapping device
- 2) High speed transporting belt and press wheel. Upper and lower transport belt corresponding pressure paper, automatic tension and close system.
- 3) Static removal device(Include static removal bar and Negative ion generator)





## 5. Paper collecting system

A-5 Type: Paper collecting system

- 1) Automatic device for paper stack up and down
- 2) Jogging device and clap paper tidy. Control by air vat, when design sheet, the cylinder up and down by cut paper bar. After transport paper to belt, transport to the pack table cross.



## 6. Accessories

A-6 Type: Accessories

- |                      |   |        |        |   |
|----------------------|---|--------|--------|---|
| Upper knife          | : | 2 sets | 1100mm | Material: compounding of tungsten steel |
| Lower knife          | : | 2 sets | 1100mm | Material: compounding of tungsten steel |
| Upper slitting knife | : | 5 sets | Φ180mm | Material: SKH                           |
| Lower slitting knife | : | 5 sets | Φ180mm | Material: SKH                           |