



PAP-TECH

ENGINEERS & ASSOCIATES



SHEET CUTTER MACHINE

HSC 1500SS 1700SS 1900SS

HSC 1500S Pro/ 1700S Pro

HSC 1500S 1700S 1900S

HSC 1400 1700 1900

HSC 1400D 1700D 1900D

HSCJ 1400A 1700A 1900A

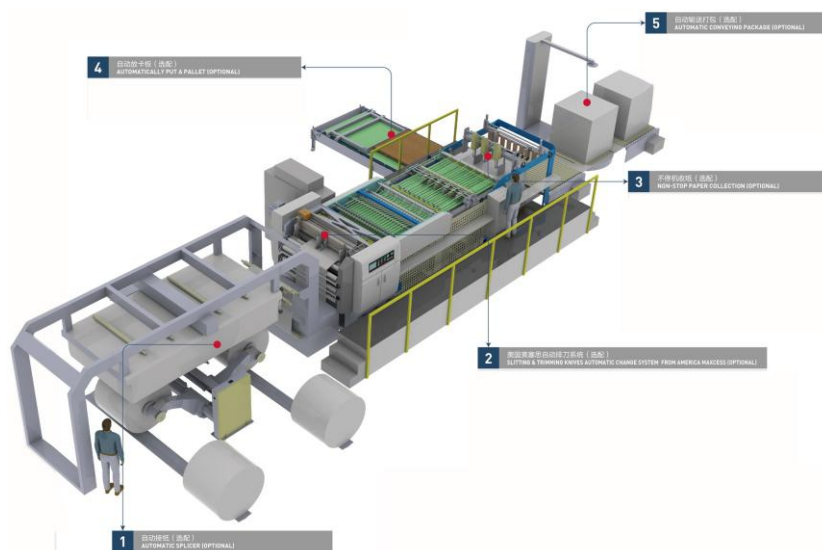
HSC-1500SS/1700SS/1900SS HIGH PRECISION SMART DOUBLE ROTARY SHEET CUTTER

Structure Characteristic:

HSC1500SS/1700SS high precision double rotary sheet cutter machine is adopted German technology and combined with many years of experience of our country in production of sheet cutter machine, research and development of high precision, stable running, energy saving and efficient new products.

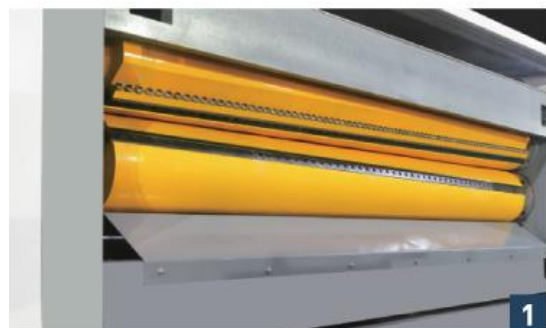
Widely used in cardboard paper, coated paper, kraft paper, culture paper double gummed paper, gloss photo paper, gold and silver cardboard, aluminum paper, laser paper, packaging paper etc.

Knife roller adopts double rotary design, cutting force is less, paper is cut clearly, high efficiency and steady running; German precision bearings and cutting knife, cut off paper with high precision; Touch computer interface control, easy to operate; Reasonable design of inflection device, can effectively remove the curled paler, make the paper more smooth, more stability of the paper roll tension. HSC1500SS/1700SS high precision, high stability. Paper don't need to be trimmed again after cutting, can be directly used on printing press, and it is widely used in paper making, paper products processing and printing industry.



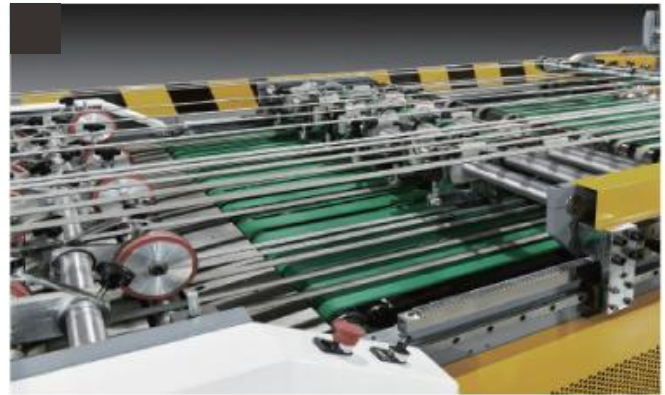
DOUBLE ROTARY SHEETER GROUP

Precision rotary sheeter groove is processed by imported advanced processing centre with high accuracy and stability, cutting paper without burrs; High quality gear box, using no clearance design gear, meshing noise is low, life is twice longer than the traditional gear box; Good cast ductile iron wall and supporting parts, After aging treatment, again by imports of large vertical machining centre, precision high level requirements, processing error is smaller, the operation of the machine more stable.



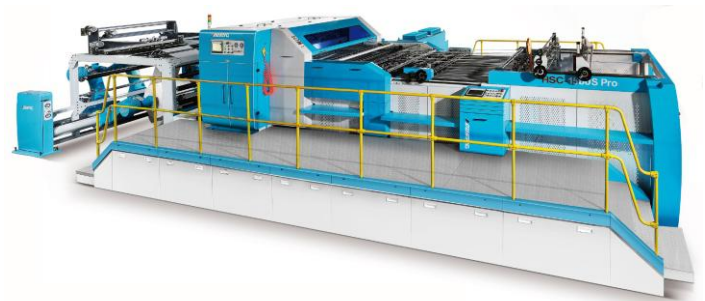
Main technical parameter:

Model of cutting paper	double rotary sheeter
Reference weight of cutting paper	150-1000GSM
Max roll diameter	1800mm
Max paper cutting width	1500/1700mm
Total power	90kw
Cutting length range	40-1650mm
Cutting accuracy	±0.15mm
Request for air	0.8MPa
Weight	21000/23000kg
Dimension	13500×4800×2540mm



Cutting speed for reference:

Cutting length(mm)	m/min	cuts/min
>1600	210	<131
1400-1600	260	162-185
1200-1400	280	200-233
1000-1200	300	250-300
800-1000	300	300-375
700-800	300	375-400
650-700	230	328-353
600-650	180	246-300
550-600	160	266-290
500-550	120	218-240
450-500	90	180-200
400-450	70	155-175



HSC 1500S Pro/1700S Pro

High-precision Smart Double Rotary Sheet Cutter Machine (Pro)

STRUCTURE CHARACTERISTIC

HSC1500S Pro/1700S Pro high precision double rotary sheet cutter machine is adopted German technology and combined with many years of experience in production sheet cutter machine, research and development of high precision, stable running, energy saving and efficient new products.

Widely used in cardboard paper, coated paper, Kraft paper, culture paper, double gummed paper, gloss photo paper, gold and silver cardboard, aluminum paper, laser paper, laser paper, packaging paper, etc. knife roller adopts double rotary screw knife roller design, cutting force is less, paper section orderly, high efficiency and steady running ; German precision bearings and cutting knife, cut off with high precision; Touch computer interface control, easy to operate; Reasonable design of inflection device, can effectively remove the paper curl, make the paper more smooth, more

Conductive to the stability of the paper roll tension. Direct drive pulling roller with a $\pm 0.3\text{mm}$ deviation on 2 sheets when cutting 2 sheets together. The 4th generation “High-precision smart double rotary sheet cutter machine”

HSC 1500S Pro/1700S Pro adopt new sensing principle and technologies with a high speed, high precision, a higher positioning accuracy, easier for maintenance and the finished.

Paper without any scratches, any facula no need for a 2nd trimming, can be directly on the printer, reduced the production cost, and is widely used in paper making and printing paper products processing machinery.

DOUBLE ROTARY SHEETER GROUP

Precision rotary sheeter groove is processed by imported Advanced processing center with high accuracy and stability, cutting paper without burrs; high quality gear box, using no clearance design gear, meshing noise is low, life is twice longer than the traditional gear box; good cast ductile iron wall and supporting parts, after aging treatment, again by imports of large vertical machining center, precision high level requirements, processing error is smaller, the operational of the machine more stable and reliable.



Main technical parameter:

Model	HSC1500S Pro/1700S Pro
Model of cutting paper	Double rotary sheeter
Reference weight of cutting paper	150-1000GSM
Max roll diameter	1800mm
Max paper cutting width	1500/1700mm
Total power	90kw
Cutting length range	400-1650mm
Cutting accuracy	$\pm 0.15\text{mm}$
Air required	0.8MPa
Weight	21000/23000kg
Dimension	14000*4800*2540mm



Cutting speed for reference:

Cutting length(mm)	m/min	cuts/min
1600	210	<131
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600-650	180	246-300
550-600	160	266-290
500-550	120	218-240
450-500	90	180-200
400-450	70	155-175

HSC-1400/1700/1900 SERVO DRIVEN HIGH PRECISION SHEET CUTTER



Structure Characteristic:

HSC web cutting machine uses the advanced technology of Taiwan and Britain

The machine is driven by AC servo motor.

The speed of paper cutting is fast and stable.

Germany precise bearing and cutting knife assure the high cutting precision.

Touch screen computer interface control, simple operation, reasonable structure.

Anti-noise stands, to ensure smooth paper.

This machine is widely used in paper making, paper products processing and printing industry, and will improve efficiency and increase benefit for your company.

THE CONTENT OF STANDARD CONFIGURATION

1. High precision single knife cutting machine
2. Prismatic adjustment system for paper
3. Anti-static equipment
4. Middle slitting and waste collection system.
5. Automatic counting and label inserting equipment
6. Paper transporting equipment
7. Automatic paper trimming and collecting machine
8. Electrical controlling system
9. Driving motor
10. Accessory
11. Double lime pneumatic shaft-less paper rack
12. Automatic directing and paper tension controller
13. Automatic vacuum

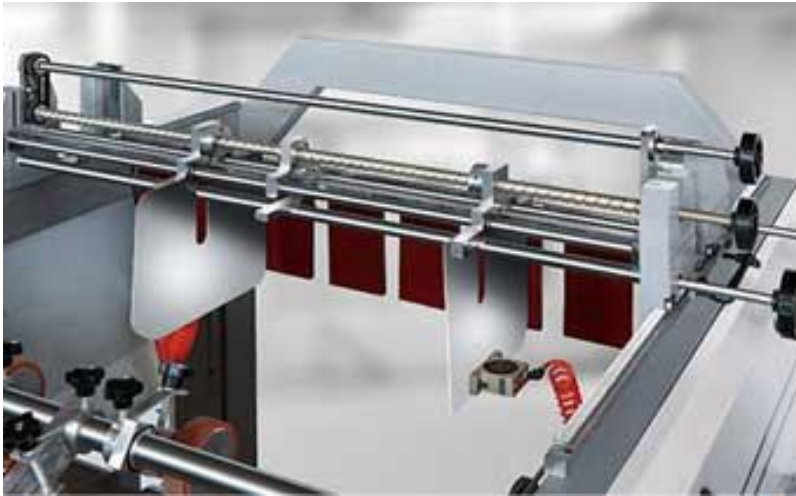
1. SLITTING KNIFE

Three sets of slitting knife are used to trim and middle slitting.



4. AUTOMATIC PILE ALIGNMENTS DEVICE AT DELIVERY SECTION

Lift automatically moves down when the pile is stacked to a considerable height. The stacker table has finished function of three sides; one side is vibrated by motor, another two sides by air, hand wheel to adjust the position of paper to improve the simplicity and safety of operation.



Main technical parameter:

Model	HSC-1400/1700
Reference weight of cutting-paper	50-550g
Model of cutting paper	The up knife cut reciprocally and the down knife is fixed
Cutting accuracy	$\pm 0.3\text{mm}$
Gross weight	11,000kgs/13,000kgs
Total power	28kw
Power consumption	AC380V/220v \times 50HZ
Maximum cutting speed	400cuts/min
Maximum cutting meter speed	300m/min
Cutting length range	400~1450mm/400-1650mm
Paper-piling height	1400mm
Maximum scroll diameter	1800mm(71")Max
Maximum paper-cutting width	1400/1700mm
The format of slitting	2sheet
The request for air compressor	Max.5.5kg/cm ² \times 5m ³ /min

HSC-1400D/1700D/1900D SERVO DRIVEN HIGH PRECISION SINGLE SPRIAL SHEET CUTTER

Structure characteristic:

1. Cutting unit

The upper knife uses British cutter method to reduce the load and noise and exten cutter life. The upper knife roller is processed by steel welding and dynamic balance adjustment, effectively reduce vibration and noise of the high-speed operation. The lower knife holder is made by cast iron integrally molkded casting and precise processing with good stability.

The reverse knife is made of special alloy steel with high precision processing long life blade is easily adjustable.



4. The main machine structure

The main machine wall is optimized through finite element analysis to eliminate mechanical resonance of all transportation parts use the high quality modular cast iron by integration design and through precise processing make the machine running more stable improve working life of bearing parts.



THE CONTENT OF STANDARD CONFIGURATION

The upper knife uses British cutter method to reduce the load and noise and extend cutter life.

The upper knife roller is processed by steel welding and dynamic balance and adjustment; effectively reduce vibration and noise of the high-speed operation.

The lower knife: knife holder is made by cast iron integrally moulded casting and precise processing with good stability. The reverse knife is made of special alloy steel with precision processing; long life blade is easily adjustable.

Safety cover: power is off automatically when safety cover is opened, safe and secured.

Transmission: key bearing from German FAG, other bearings from Japan NSK, transmission belt assure high precision and stable paper transmission.



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INDIAN CUSTOMER LIST FOR SYNCROFLY CUTTERS

1. ITC - Goutham Pack, Bhadrachalam
2. Aashritha Paper Roll Conversion, Hyderabad
3. Unisource Papers Private Limited, Pune
4. Vibha Paper Convertors, Coimbatore
5. Genus Paper and Boards , Muzaffarnagar
6. Millennium Papers Llp, Morbi
7. Edicon Papers Llp, Morbi
8. Cambay Foodpac Llp, Rajkot
9. Mlj Impex Limited, Hyderabad
10. Tenny Jose Limited, Thrissur



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