



sudarshan

SPR - H



cut your own way  
Sudarshan Paper Cutting Machine

# Sudarshan Paper Cutting Machine - SPR - H [ Accurate – Reliable – Safe ]

## Salient Features :

- ▶ Radial, streamline, box type design of parts & high grade material of main parts, gives rigidity & long life to machine
- ▶ Best quality materials are used to withstand wear & tear, strain & stress.
- ▶ Positive drive hydraulic clutch ensures quick action, less wear & tear, & long clutch system life.
- ▶ Hydraulic clutch device for maintenance free & slippage free operation.
- ▶ Telescopic double pressure cylinder with almost pipe less powerpack.
- ▶ Pressure knob for adjustment of pressure from 200kgs to 4500 kgs.
- ▶ Graduated back gauge knobs for horizontal & vertical, right angle setting backgauge.
- ▶ Programme controlled air table for easy movement of bulky stock.
- ▶ A.C. drive system for smooth & uniform movement of backgauge.
- ▶ Ball Screw & L.M. Guide for uniform & precise movement of backgauge.
- ▶ S.S sheet on entire main table & side table.
- ▶ Slot closing tape to avoid paper tripping while movement.
- ▶ False clamp system ensure cutting of soft material without clamp impression.

## Technical Specifications :

Specification	Unit	SPR72H	SPR95H	SPR115H	SPR137H	SPR165H
Cutting width	Mm	720	950	1150	1370	1650
Feed depth	Mm	720	950	1150	1370	2000
Clamp Opening	Mm	100	130	165	165	165
Weight (net)	Kg	1800	3400	4100	4500	5500
No. of cut in continuous run/min	Nos	32	40	40	40	25
Table height	Mm	900	885	900	900	900
Clamp pressure (Minimum)	Kg	200	450	500	550	550
Clamp pressure (Maximum)	Kg	1250	3500	4000	4500	4500
Smallest cut without false clamp	Mm	20	25	25	30	30
Smallest cut with false clamp	Mm	65	85	85	85	85
Back gauge speed (normal)	Mm/sec	50	50	50	50	50
Back gauge speed (express)	Mm/sec	200	200	200	200	200
Supply Voltage (3ph 340-500v)	Amp	16	20	20	25	25
Size of wire	Mm	2	2.5	2.5	4	4
Power required (main table)	H.P.	2	3	5	7.5	7.5
Total power required	H.P.	4	5	7	9.5	9.5

## Standard Accessories

8 Beam infra red safety guard | False clamp | Optical cut line indicator | Knife changing tools | Air table complete with blower | Programmable air table | Slot closing tape | Graduated back gauge knobs | Two piece back gauge segment | S. S. coating on entire main table | Two push button operation device | One set of tools | One instruction manual, wiring diagram & spare manual

## Programme Features :

**Programmes :** Cut and Store, Ten Key Buttons Programming Label Cutting/Tabulation Programming

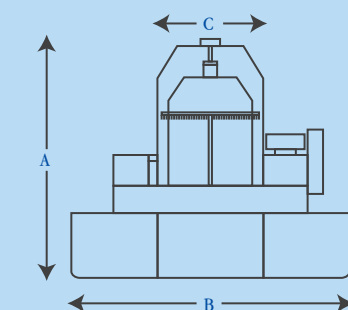
**Programme Storage :** No. of Programmes -99 | No. of Steps in each Programme - 50

**Programme Help :** Calculation function | Selection of function | Selection of first blank programme | Calibration checking with & without actual movement of back gauge | Saving of Programme | Increase and decrease of steps | Clear, correct, delete or insert steps | Change any step into jog, dummy and side status | Shrinkage correction | Shift correction | Single cutting operation | Continuous cutting | Auto "on-off" air flow on air table Manual "on-off" air flow on airtable | Machine programme bypass for manual operation.

**Precision Cutting :** Calibration accuracy of backgauge  $\pm 0.01$ mm.

## Safety Features :

- ▶ Two row eight beams infra-red curtain in front of cutting zones ensure 100 % safety while cutting
- ▶ Repeat cut cycle prevention Two push button cutting cycle to ensure total safety to operator.
- ▶ Mechanical over load bolt device to avoid serious damages to machine.



## Floor Space :

SIZE	A (cm/inch)	B (cm/inch)	C (cm/inch)
72	171/67.3	153/60.2	73.6/28.9
95	219/86.2	226/89	97/38.2
115	262/103.3	270/106.3	117/46.2
137	306/120	293/115.4	139/54.9
165	325/128	316/124.4	190/75



## Mohansons India

Plot No. : 2914, Phase IV, G.I.D.C., Nr. Ramol Chowkdi, Vatva, Ahmedabad - 382 445. Gujarat, India.  
Contact : +91 98250 30713 / 079 40098373 Fax no : + 91 079 25832357  
E mail : info@sudarshan.co.in website : www.sudarshan.co.in

Authorised Dealer / Agent