



iMCO-CUT

cutting limitations
creating possibilities

PC SERIES



Paper Cutting

PVC Cutting

PS Board Cutting

Honeycomb Board Cutting



Quality Manufacturers & exporters of high-speed
paper cutters, packaging, binding & allied machinery

iMCO-CUT MANUFACTURED BY INDIAN MACHINERY CO.

Acquiring World Class Technology

Partnering with global leaders for machine parts requirement has been our top manufacturing priority. The strong co-operation with global brands led us to expansion not only in domestic but international market also. Holding strong technical support from international enterprises guide us to provide better customer support.



EP-SERIES FULLY AUTOMATIC HYDRAULIC CLAMPING PROGRAMMABLE HIGH-SPEED PAPER CUTTING MACHINE



OPTIONAL
TFT LCD TOUCH SCREEN
PROGRAMMER UNIT-7", 10", 13", 15"
IMPORTED AUTONICS IR SAFETY SENSORS

1. The solid box type heavy duty cast iron structure of machine frames minimizes the risk of cracking when cutting harder materials.
2. Two rows infra-red curtain with row selection in front of cutting zones ensures 100% safety while cutting.
3. Sound less Compaq worm gear box which ensures high speed and easy smooth cutting.
4. Rigid guide system for back gauge movement ensures perfect parallel and right angle cutting of paper.
5. Adjustable clamp pressure for different kinds of material to be cut.
6. Imported hiwin made ball screw nut
7. Air balls are installed in the worktable. The paper sending work will be easy and accurate.
8. S.S Coating on full work table to avoid rusting, increases the life of table and reduces fatigue to the worker.
9. An optical cut line is illuminated across the knife width for reference of cut position mark.
10. The storage capacity of the programme is 99 programmes and each programme capacity is 99 cuts.
11. Two push button machine operation with safety backup all the time.
12. Electro-magnetic clutch do not require any maintenance, oil leakage as in hydraulic clutch do not occur.

TECHNICAL SPECIFICATIONS

SIZE OF MACHINES	(33")	(36 ¼)	(45")	(52")
CUTTING WIDTH	830 MM	920 MM	1150 MM	1320 MM
CLAMP OPENING	115 MM	118 MM	130 MM	130 MM
OPTIONAL CLAMP OPENING	-----	-----	165 MM	-----
FEED DEPTH	830 MM	920 MM	1150 MM	1320 MM
CLAMP PRESSURE (MAX.)	2500 KGS	3000 KGS	3500 KGS	4000 KGS
SMALLEST CUT WITH FALSE CLAMP	85 MM	90 MM	90 MM	90 MM
SMALLESE CUT WITHOUT FALSE CLAMP	20 MM	25 MM	25 MM	30 MM
BACK GUAGE SPEED RAPID	200MM/SEC	200MM/SEC	200MM/SEC	200MM/SEC
BACK GAUGE SPEED NORMAL	50 MM/SEC	50 MM/SEC	50 MM/SEC	50 MM/SEC
POWER REQUIRED (TOTAL)	7 H.P.	7 H.P.	7 H.P.	9.5 H.P.
FLOOR / INSTALLATION SPACE	80" x 80"	85" x 85"	105" x 95"	115" x 105"

MANUFACTURED BY INDIAN MACHINERY CO.

Configurations PC Series

Model	PC PLUS	PC PRO	PCx
Touch Screen Size	N/A	7" 10" 13" 15"	7" 10" 13" 15"
Screen type	Digital electronic Display with Keypad	TFT LCD	TFT LCD
No. of Programme/cuts.	99/99	300/300	300/300
Japan Moke Servo motor & Servo drive	N/A	△	○
Imported LM guide rail & Ball Screw	○	○	○
Super-cut Knife	○	○	○
HSS-High Speed Steel TCT- Tungsten Carbide tipped	△	△	△
Nylon Cutting Sticks 2Pcs	○	○	○
Slot less Table	○	○	○
back gauge lubrication pump	○	○	○
Online Programme. Support + (USB)	N/A	○	○
Red Laser cutting line	○	○	○
Air table with Air Blow	○	○	○
Knife change tool Kit.	○	○	○
Electronic micro adjust control hand wheel	N/A	△	○
Imported Autonics IR sensors	○	○	○
N/A - Not Applicable ○ = standard △ = optional			

Technical Data

Cutting width Cm/inch.	83/33"	92/36"	115/45"	137/54"
Cutting height Cm/inch (optional)	N/A	N/A	16.5/6 ½	16.5/6 ½
Cutting length cm/inch	83/33"	92/36"	115/45"	137/54"
Main Motor H.P./K.W.	5/4	5/4	5/4	7.5/5.5
Mechanical Cutting speed	44/Min Approx.	44/Min Approx.	42/Min Approx.	40/Min Approx.
Smallest Cut Without False Clamp Plate	20	25	25	30
Voltage	420 Volts	420 Volts	420 Volts	420 Volts
Floor Space required	80" x 80"	85" x 85"	105" x 95"	115" x 105"
Total load Required H.P./K.W.	7/5.2	7/5.2	7/5.2	9.5/7
Smallest Cut With False Clamp Plate	85	90	100	110
Standard cutting height cm/inch	11.5/4 ½" Approx.	11.5/4 ½" Approx.	13/5 ½" Approx.	13/5 ½" Approx.
* Due To Continous R&D Technical Data & Configuration Subject to Change without Notice				

MAIN FEATURES OF iMCO CUT PC-SERIES PAPER CUTTING MACHINE



Slot less cutting table avoids trapping of paper and dust particles on ball screw increasing equipment life.



An optical cutting line is illuminated across the knife width for reference of cut position mark.



ATLAS make cutting knife/blade available in different grade materials SUPERCUT, HIGH SPEED STEEL & TUNGSTEN CARBIDE TIPPED.



Electronic knife lock attach on blade carrier for preventing any accidental cutting due to electrical malfunction.



Full copper slider for longer life and more stable operation when cutting



Imported Double linear motion guide rail with imported ball screw & nut.



Safety nut for overload cutting, prevents serious damage to the machine.



Imported IR safety sensors on each side



Hard casting worm gear set



Stainless steel laminated cutting table with excellent properties of corrosion resistant, scratch resistant, & easy cleaning surface.



Japanese make Servo motor & servo drive provides highest positioning accuracy & faster movement of back gauge hence suitable for high volume users



LUBRICATION PUMP PROVIDED FOR EASY MAINTENANCE OF LM RAIL GUIDES & BALL SCREW



Japanese make A/C drive provides good positioning accuracy & suitable for low & medium volume users.



High power electro-magnetic clutch for knife cutting movement provides great cutting force & oil leakage does not occur as in hydraulic clutch.



Imported NSK bearings



Copper set of bushes in all moving parts



CE certified components in electric control panel



Imported electronic micro adjust back gauge control hand wheel.



TFT LCD TOUCH SCREEN DISPLAY



DIGITAL ELECTRONIC DISPLAY WITH KEYPAD

—MANUFACTURED BY INDIAN MACHINERY CO.

EH PLUS-SERIES HIGH-SPEED FULLY AUTOMATIC HYDRAULIC CLAMPING PROGRAMMABLE PAPER CUTTING MACHINE



OPTIONAL

FULL BED S.S. LAMINATED SHEET
FULL BED AIR TABLE & BLOWER
IMPORTED HIWIN MAKE BALL SCREW & NUT
IMPORTED AUTONICS IR SAFETY SENSORS

1. The solid box type heavy duty cast iron structure of machine frames minimizes the risk of cracking when cutting harder materials.
2. Two rows infra-red curtain with row selection in front of cutting zones ensures 100% safety while cutting.
3. Sound less Compaq worm gear box which ensures high speed and easy smooth cutting.
4. Centralized oil and lubrication system
5. Accucut model digital display electronic programmer unit with 99programme & 99cuts with fuji make A/C drive
6. Adjustable clamp pressure for different kinds of material to be cut.
7. Operator side S.S. Laminated sheet
8. Two push button machine operation with safety backup all the time.
9. High power electro-magnetic clutch with extra fail safe brake
10. Total 2 PCS. of atlas make super cut steel knives & 2 PCS. of nylon cutting sticks
11. Foot Pedal for only clamp down function to check cutting line

TECHNICAL SPECIFICATIONS

SIZE OF MACHINES	(33")	(37")	(43")	(52")
CUTTING WIDTH	830 MM	940 MM	1090 MM	1320 MM
CLAMP OPENING	115 MM	118 MM	125 MM	130 MM
FEED DEPTH	830 MM	940 MM	1090 MM	1320 MM
CLAMP PRESSURE (MAX.)	2500 KGS	3000 KGS	3500 KGS	4000 KGS
SMALLEST CUT WITH FALSE CLAMP	85 MM	90 MM	90 MM	90 MM
SMALLESE CUT WITHOUT FALSE CLAMP	25 MM	25 MM	30 MM	30 MM
CUTS PER MINUTE	40	40	40	38
POWER REQUIRED (TOTAL)	4 H.P.	6 H.P.	6 H.P.	8.5 H.P.
FLOOR / INSTALLATION SPACE	75" x 75"	83" x 83"	95" x 85"	105" x 95"

EH-SERIES HIGH-SPEED AUTOMATIC HYDRAULIC CLAMPING PAPER CUTTING MACHINE



OPTIONAL

FULL BED S.S. LAMINATED SHEET
FULL BED AIR TABLE & BLOWER
IMPORTED AUTONICS IR SAFETY SENSORS

1. The solid box type heavy duty cast iron structure of machine frames minimizes the risk of cracking when cutting harder materials.
2. Two rows infra-red curtain with row selection in front of cutting zones ensures 100% safety while cutting.
3. Sound less Compaq worm gear box which ensures high speed and easy smooth cutting.
4. Centralized oil and lubrication system
5. Motorized operated backgauge with double slot cutting bed
6. Adjustable clamp pressure for different kinds of material to be cut.
7. Operator side S.S. Laminated sheet
8. Two push button machine operation with safety backup all the time.
9. High power electro-magnetic clutch with extra fail safe brake
10. Total 2 PCS. of atlas make super cut steel knives & 2 PCS. of nylon cutting sticks
11. Foot Pedal for only clamp down function to check cutting line

TECHNICAL SPECIFICATIONS

SIZE OF MACHINES	(33")	(37")	(43")	(52")
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CLAMP PRESSURE (MAX.)	2500 KGS	3000 KGS	3500 KGS	4000 KGS
SMALLEST CUT WITH FALSE CLAMP	85 MM	90 MM	90 MM	90 MM
SMALLESE CUT WITHOUT FALSE CLAMP	25 MM	25 MM	30 MM	30 MM
CUTS PER MINUTE	40	40	40	38
POWER REQUIRED (TOTAL)	3.5 H.P.	5.5 H.P.	5.5 H.P.	8 H.P.
FLOOR / INSTALLATION SPACE	75" x 75"	83" x 83"	95" x 85"	105" x 95"

MANUFACTURED BY INDIAN MACHINERY CO.

SA-SERIES HIGH-SPEED 3-MOTOR SEMI-AUTOMATIC PAPER CUTTING MACHINE



REDUCTION GEAR BOX, ELECTRO MAGNETIC CLUTCH & BRAKE,
SAFETY SENSORS, S.S. SHEET, MOTORIZED CLAMPING, MOTORIZED BACK-GAUGE
OIL & LUBRICATION SYSTEM, 2-PCS. ALLOY STEEL KNIVES, 2-PCS. CUTTING STICKS
SIZES AVAILABLE-33", 37", 43", 52"

IMCO-CUT

MANUFACTURED BY INDIAN MACHINERY CO.

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