

# PRISM<sup>®</sup>

## PAPER CUTTERS

### TOUGHER. FASTER. SMARTER.





**PRISM®: Quality, Safety & Ease**—No matter how you slice it PRISM brings together the best paper cutting technology that the world has to offer in an affordable, high-performance package. Combining a finely honed mechanical design and microcut® computer controls, a PRISM paper cutter will provide years of quality, trouble-free operation and address the complete spectrum of your cutting needs. Take a look through the PRISM—you'll like what you see.



30" / 78cm



36" / 92cm



45" / 115cm



54" / 137cm

PRISM paper cutters come in four cutting sizes.

## Looking Through the PRISM®

Here's a glance at just some of what the PRISM offers:

### Top-of-the-line Features:

- Our microcut® computer control unit with 12" color touch screen for automating backgauge movement is the most user-friendly system in the industry
- Prism paper cutters are all equipped with CIP 3 / 4 JDF capability and are all networkable with no additional hardware or software required
- Cutting power is provided by a hydraulic clutch and time-tested worm gear design
- Cushion contact clamping eliminates pile disturbance
- High-speed steel knives (carbide optional) offer extended durability



### Simplified Usage:



### Safe, Rugged Design:



- Set and save job data for future use in the PRISM memory (500,000+ programs)
- Air table with built-in blower allows for easy material movement
- One-hand control of the backgauge for fast and precise settings
- Easily adjustable, electronic, programmable hydraulic clamping system
- The knife lifting unit allows for fast, simple, safe knife changes
- One-piece, chrome-plated cast iron table is sturdy and easy to maintain
- Oversize chromed, cast iron side tables with air (and no legs) are standard
- The knife bar is guided by dual gibs, engineered for rigidity and cutting accuracy
- Ball screw and liner guide guarantee precise backgauge positioning
- Our soft clamp foot treadle feature assures safe, easy use of the clamp
- Numerous other features such as knife bar overloads, infrared light barriers

# PRISM®

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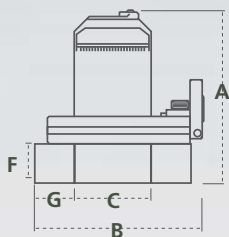


# PRISM Specifications & Technical Data

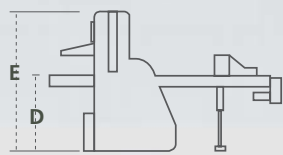
	Model P78	Model P92	Model P115	Model P137
Cutting Width	30.7 in 78 cm	36.25 in 92 cm	45.25 in 115 cm	54 in 137 cm
Cutting Length	30.7 in 78 cm	36.25 in 92 cm	45.25 in 115 cm	57 in 154 cm
Clamp Opening	4.75 in 12 cm	4.75 in 12 cm	6.5 in 16.5 cm	6.5 in 16.5 cm
Front Table Length	25.5 in 65 cm	24 in 61 cm	28.25 in 71.5 cm	29 in 72.5 cm
Table Height	35.4 in 90 cm	35.4 in 90 cm	35.4 in 90 cm	35.4 in 90 cm
Maximum Cuts/Minute	40	40	42	42
Maximum Clamp Pressure	6600 lbs 3000 kp	6600 lbs 3000 kp	8800 lbs 4000 kp	9900 lbs 4500 kp
Minimum Cut With False Clamp	3.5 in 9 cm	3.5 in 9 cm	3.5 in 9 cm	3.5 in 9 cm
Minimum Cut Without False Clamp	1in 2.54 cm	1in 2.54 cm	1in 2.54 cm	1in 2.54 cm
Net Weight	3960 lbs 1800 kg	4630 lbs 2100 kg	7715 lbs 3500 kg	8380 lbs 3800 kg
Power Required: 220 volt-3 phase	3KW/25 A	3KW/25A	4KW/30A	5.5KW/40A

## Standard Equipment for PRISM Models: P78, P92, P115 and P137

- |   |   |
|---|---|
| Main switch with lock                                     | Measuring systems: inches/metric                  |
| Keyboard for size input with stationary backgauge         | Keyboard for size input with stationary backgauge |
| Overload switch for main and air table motor              | Automatic individual measurement positioning      |
| Overload protection with electronic monitoring            | Cut counter                                       |
| Hydraulic clutch, wear resistant                          | Programming while cutting                         |
| Variable hydraulic clamp pressure with electronic control | Low pressure air table with blower                |
| Two-hand cut release, with time delay and non-repeat      | Chrome main table surface                         |
| Safety latch (mechanical lock for knife carrier)          | Chrome side tables with air                       |
| Infra-red photo eyes with self check circuit              | Table slot-closing device                         |
| Table light/optical cutting line indicator                | False clamp (removable from the front side)       |
| Manual backgauge positioning (one-hand control)           | Three knives in storage box                       |
| Motorized backgauge, microcomputer controlled             | Knife lifting device for quick knife change       |
| Digital display with rotary measuring system              | Six plastic cutting sticks                        |
| Non-volatile memory storage                               | Tools, operation manual and spare parts list      |



Overhead View



Side View

Model		A	B	C	D	E	F	G
P78	in	80.7	80.3	30	35	60	19	23
	cm	205	204	78	90	152	46	60
P92	in	89.8	85.8	36	35	60	22	23
	cm	228	218	92	90	152	56	60
P115	in	102	117.3	45	35	66	29	39
	cm	259	298	115	90	167	75	100
P137	in	113	126	54	35	66	29	39
	cm	287	320	137	90	167	75	100

Your Local Representative

Specifications subject to change without notice.

**COLTER & PETERSON**

Exclusive World Wide Distributor

Phone: 1.973.684.0901 Fax: 1.973.684.0260

www.colterpeterson.com

