

# 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.



31.5" / 80cm



36" / 92cm



45" / 115cm



54" / 137cm

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PRISM paper cutters come in four cutting sizes.

## Looking Through the **PRISM**<sup>®</sup>

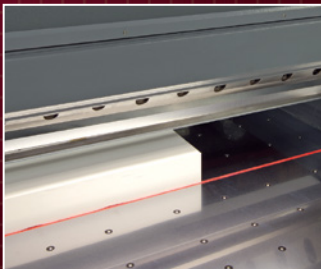
Here's a glance at just some of what the PRISM offers:

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



- Our microcut<sup>®</sup> computer control unit with 15" 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:



- 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

### Safe, Rugged Design:



- One-piece, chrome-plated, slotless cast iron table is sturdy and easy to maintain
- Oversize chromed, cast iron side tables with air are standard
- The knife bar is guided by dual gibs, engineered for rigidity and cutting accuracy
- Ball screw and dual 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

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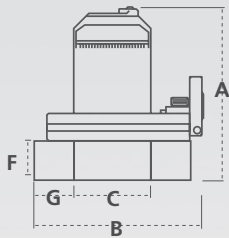
# PRISM Specifications & Technical Data

	Model P80	Model P92	Model P115	Model P137
Cutting Width	31.5 in 80 cm	36.25 in 92 cm	45.25 in 115 cm	54 in 137 cm
Cutting Length	31.5 in 80 cm	36.25 in 92 cm	45.25 in 115 cm	57 in 154 cm
Clamp Opening	5.125 in 13 cm	5.125 in 13 cm	6.5 in 16.5 cm	6.5 in 16.5 cm
Front Table Length	27.16 in 65 cm	27.16 in 65 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	3.15 in 8 cm	3.15 in 8 cm	3.15 in 8 cm	3.15 in 8 cm
Minimum Cut Without False Clamp	.8 in 2 cm	.8 in 2 cm	.8 in 2 cm	.8 in 2 cm
Net Weight	4079 lbs 1850 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

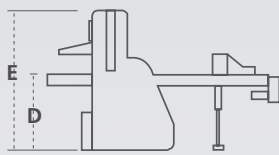
## Standard Equipment for PRISM Models: P80, P92, P115 and P137

- Main power switch with lock
- Keyboard for size input with stationary backgauge
- Overload switch for main and air table motor
- Overload protection with electronic monitoring
- Hydraulic clutch, wear resistant
- Variable hydraulic clamp pressure with electronic control
- Two-hand cut release, with time delay and non-repeat
- Safety latch (mechanical lock for knife carrier)
- Infra-red photo eyes with self check circuit
- Table light/optical cutting line indicator
- Manual backgauge positioning (one-hand control)
- Motorized backgauge, microcomputer controlled
- Digital 15" color touch screen display with rotary measuring system
- Non-volatile memory storage
- Measuring systems: inches/metric
- Split rear cover with safety shock absorbers
- Automatic individual measurement positioning
- Cut counter
- Programming while cutting
- Low pressure air table with blower
- Chrome main and side table surface with air
- Dual linear guides in rear
- Slot free main table
- False clamp (removable from the front side)
- Two knives in storage box
- Knife lifting device for quick knife change
- Six plastic cutting sticks

Tools, operation manual and spare parts list



Overhead View



Side View

Model		A	B	C	D	E	F	G
P80	in	76	83	30.5	35.4	69	19	23.6
	cm	193	211	80	90	162	48.5	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

Specifications subject to change without notice.



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