

# Proteck Cutting Systems



**Pile Lift CSP 10**  
The CSP 10 pile lift assists paper handling at the cutting machine, easily and noiselessly lifting paper piles to the correct working height – replenishing the available pile automatically. A Roll turner is provided to flip the paper before cutting. The operating height is adjustable to obtain optimum working height for fatigue free paper movement.



**Paper Jogger CSJ 10**  
Evenly stacked and aligned piles deliver better cutting accuracy and easily feed on machines. The paper jogger jogs paper into well aligned piles. It also features an air - squeeze device which removes trapped air in the pile. This results in even clamping and better sizing accuracy on cutting stations.



The Proteck Cutting System, consisting of the PC series guillotines, the CSJ 10 jogger and the CSP 10 pile-lift, deliver high performance cutting in an easy-to-use, economical package.

## Technical Specifications

Model	PC 137 S	PC 137	PC 115 S	PC 115	PC 92
<b>Mechanical Specifications</b>					
Cutting Width	137cms/54"	137cms/54"	115cms/45"	115cms/45"	92cms/36"
Maximum Paper Size	137 x 137cms 53" x 53"	137 x 137cms 53" x 53"	115 x 115cms 45" x 45"	115 x 115cms 45" x 45"	92 x 92cms 36" x 36"
Maximum Pile Height	16cms/6.5"	16cms/6.5"	16cms/6.5"	15cms/6"	12cms/4.7"
Usable Knife Range	6cms	6cms	6cms	6cms	4cms
Cutting Speed Range	5-26cm/s	5-26cm/s	5-26cm/s	5-26cm/s	5-26cm/s
Clamp Pressure Range	500-5000kgf	500-5000kgf	400-4000kgf	400-4000kgf	300-3500kgf
Back Gauge Speed Range	5-25cm/s	5-25cm/s	5-25cm/s	5-25cm/s	5-25cm/s

## Control Specifications

Cutting Speed	Prog.	Manually Set	Prog.	Manually Set	Manually Set
Clamp Pressure	Prog.	Manually Set	Prog.	Manually Set	Manually Set
Electronic Hand Wheel	Yes	No	Yes	No	No
Graphics	Yes	Yes	Yes	Yes	Yes
Disk Storage	Flash Disk	Flash Disk	Flash Disk	Flash Disk	Flash Disk
PC Connectivity	Yes	Yes	Yes	Yes	Yes
JDF Compatibility (optional)	Yes	Yes	Yes	Yes	No

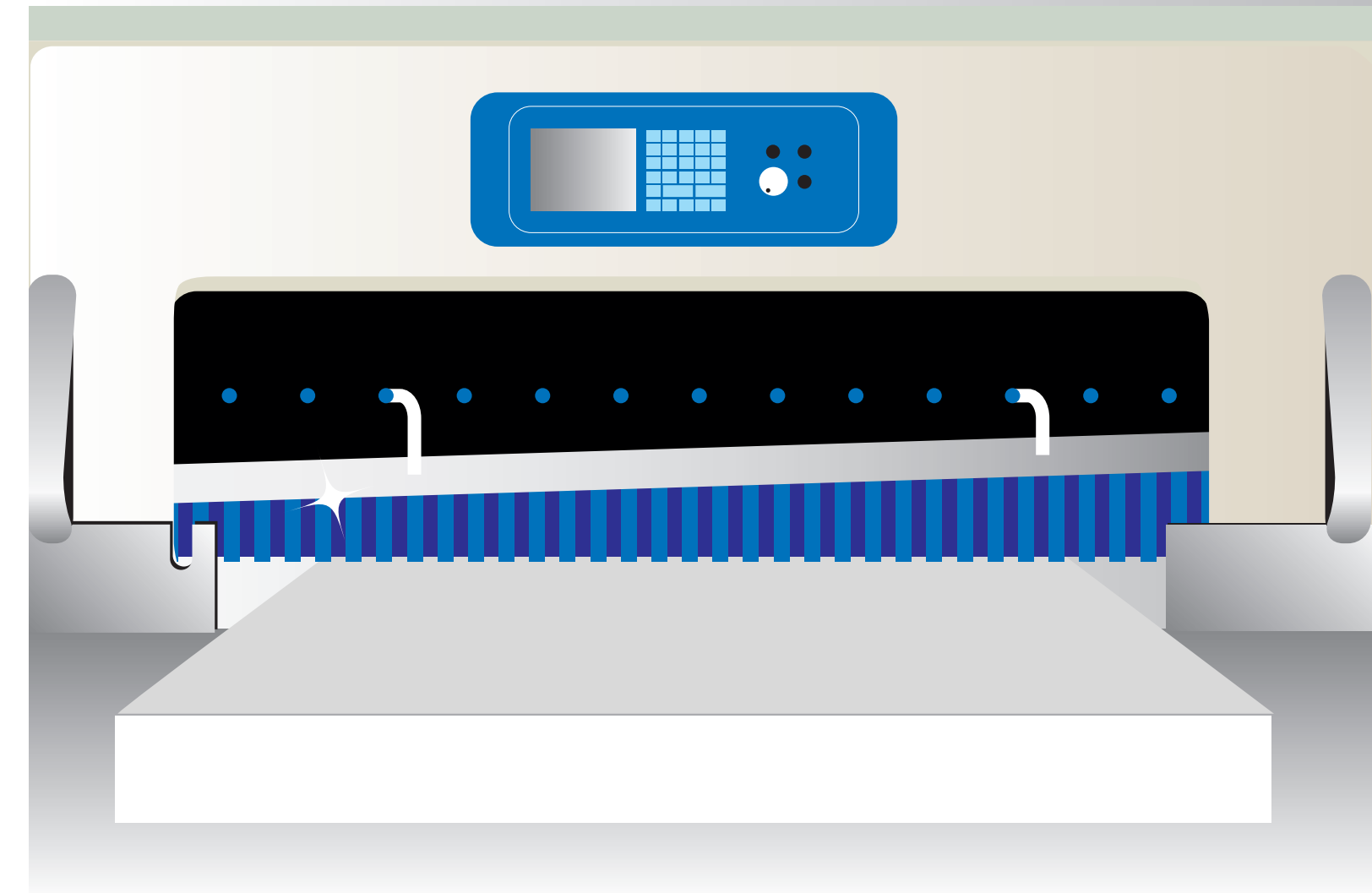
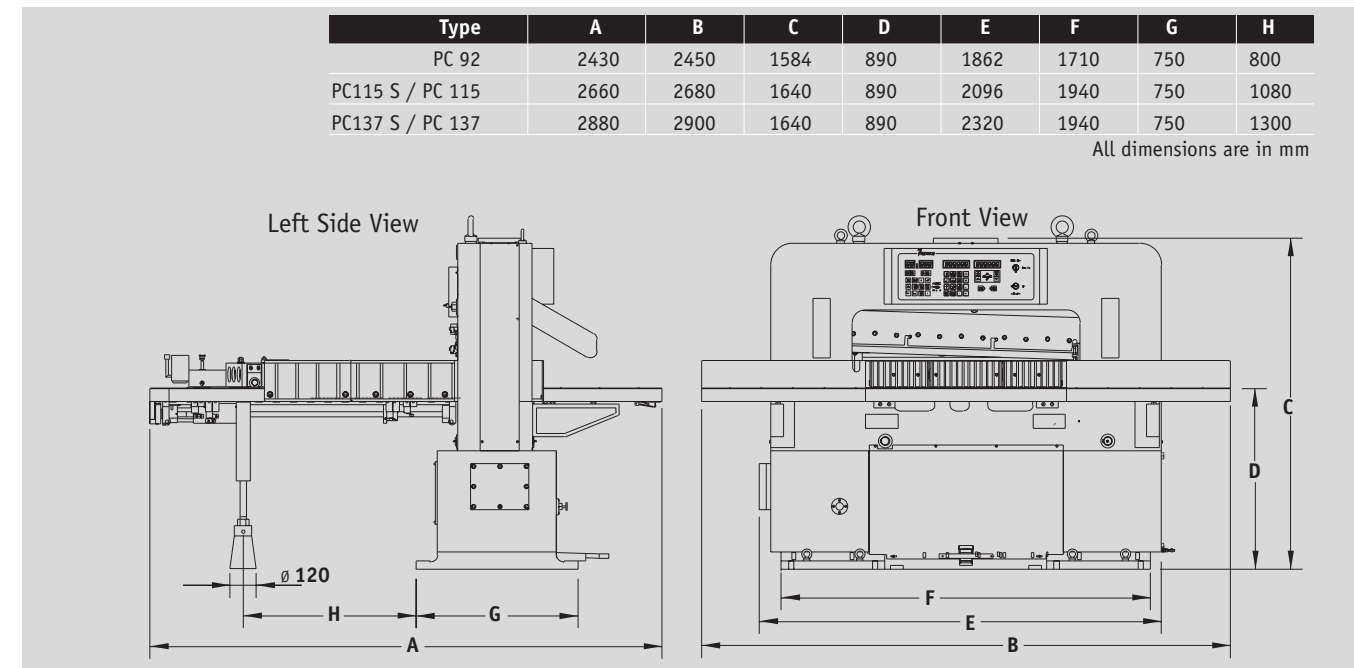
## Electrical Specifications

Power Consumption (kVA)	15	15	12	12	10.5
Electrical Supply (Volts)	380-415	380-415	380-415	380-415	380-415
Line Current (Max.)	25A	25A	20A	20A	16A

## Dimensions

See table and diagram	Nett. Weight (Kgs)				
	4800	4800	4200	4200	3200

Due to continuous improvements in design, specifications are subject to change without notice.



# Paper Cutting Systems

Get the cutting edge technology!



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Get the cutting edge technology!

**Variable cutting speed by knife velocity control:**  
Choose the optimal cutting speed for different materials to realise the best edge finish. For ultra fine control vary the speed for different program steps and realise consistent sizing in labels.

**Variable knife force:**  
Optimise knife force to enhance cutting precision and limit stresses on the paper pile for precision cutting. Optimum cutting speed improves the edge finish and reduces fluff.

**Variable clamp pressure:**  
Apply the optimum clamping pressure for different materials. Program different clamp pressures for different steps to enhance cutting accuracy.

**Safety:**  
CE certified Infra - red light barriers, two hand switches, knife and clamp locks, force limiting relief valves, heavy machine construction - all of which add up to extreme safety for man and machine.



## Revolution in cutting... without rotation !

No fly wheels, no cranks, no clutches, no adjustments, and no headaches!

All - hydraulic center drive design eliminates clutches, flywheels and gearboxes.

Enhanced machine safety is realized by safety valves that control maximum system pressure. There are no shear pins or fuse bolts to break and replace.

The cutting speed from the top to the bottom of the pile is uniform delivering consistent cut quality across the pile height.



Backgauge positioning by AC Servo motor for high precision and maintenance free operation.



Precision motion control of backgauge: Linear motion bearings with hardened ground linear ways and precision ball screws with zero backlash enable smooth motion at upto 300 mm/sec.



Reliable, high quality, industrial grade electronic controls.



A simple and logically laid out operator panel provides easy access to the machine's most powerful functions. A touch panel with Color TFT LCD display, is interactive and displays graphical layouts of the job in process. Intuitive program set up and full alphanumeric pop - up keyboard assist in titling and cataloguing repeat jobs. File saving into flash memory and near unlimited program data storage are available.

