

CANTEK

PRN SERIES

PLANER SANDERS



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High production planer sander greatly reduces the number of passes, increasing your productivity.

Increase your efficiency and extend the life of your abrasives by planing the material prior to sanding with the Cantek PRN Series Planer Sanders. The spiral insert cutterhead produces a fine finish while requiring less horsepower than traditional straight knives. Additionally, the PRN series are produced with an extra heavy-duty frame, industrial cast-iron pressure shoes, and cast-iron sanding head assemblies. These features allow the PRN series to excel in high production environments and in demanding wide belt sanding applications. The PRN series is available with 1-4 sanding units and in widths of 24", 36", 43", and 51". The first unit is a spiral insert knife cutterhead with your choice of either 4-sided or 2-sided carbide inserts. When one cutting edge becomes dull you simply open the access cover on the front of the machine and rotate the knives for a fresh cutting edge. Sanding units can be rubber covered contact drums, or combination sanding units (drum/platen) to suit production needs.



Convenient access to cutterhead for rotating or changing knives



Spiral insert knife cutterhead



Sectional safety kickback fingers and sectional chipbreakers



Infeed bed with rubber feed conveyor and conveyor belt tracking



Cutterhead height adjustment



Control panel with digital thickness control, ammeters for each sanding head, and hour meter



"A" Combination sanding head with adjustable sanding pad



"D" Contact drum with optional air jet belt cleaning

Key Advantages.

- Planing and sanding in a single pass greatly reduces the number of passes to finish your material which greatly increased your throughput and productivity
- Robust machine structure with cast iron head assemblies and pressure shoes for superior sanding results
- Wide range of widths and head configurations available to fit your specific sanding needs
- Pressure hold-down shoes for superior part hold down by minimizing the gap during sanding operations
- Accurate digital thickness control with both Inch & Metric settings allows operator to key in the desired thickness and table will automatically move into position
- "N" planer unit = 6" diameter cutterhead with replaceable insert knives in a spiral pattern requiring less horsepower while providing superior planed finish prior to sanding operations
- "D" sanding unit = 10" diameter contact drum available in Steel or Rubber
- "A" Sanding Unit = Combination head with rubber contact drum and adjustable sanding platen ideal for calibrating and finish sanding
- Automatic conveyor belt pneumatic tracking
- Table is adjusted using four heavy duty jack screws driven by robust chain system.
- Digital thickness control in both Inch (0.001") and Metric (0.01mm)
- Precise sanding head height adjustment to compensate for various sanding grits
- Electronic sanding belt tracking
- Pneumatic belt tensioning & quick release outboard support for fast belt changes
- Extended infeed bed with two table rollers
- Safety switches on all access doors.
- High quality Schneider electrics & Comozzi pneumatics readily available
- Brush panel cleaning roller on the outfeed with integrated dust port

Specifications.

| | INCH | METRIC |
|--|-----------------------|---------------------------|
| Working widths available | 24" / 36" / 43" / 51" | 610 / 915 / 1100 / 1300mm |
| Number of sanding units | 1 to 4 | 1 to 4 |
| Material thickness capacity (standard) | 0.118" ~ 4.9" | 3~125mm |
| Sanding belt lengths available | 75" / 84" / 103" | 1905 / 2134 / 2620mm |
| Feed speed | 20 to 85 FPM | 6 to 26 m/min |