

The logo for CANTEK, featuring the brand name in a stylized, italicized font within a white rectangular border, set against a red background.

# P508HV

20" PLANER



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## Powerful heavy duty 20" planer that fits your everyday needs.

The Cantek P508HV 20" Planer has a solid steel helical cutterhead with two-sided carbide knife inserts that require no adjustments when changing. With a digital readout and simple PC controller, setting the table height is quick, accurate, and easy. The frame is made from heavy cast iron with known vibration damping resulting in long bearing life and superior cut quality. The planer's segmented, serrated infeed roll & segmented pressure shoe ensures material is held firmly during the feeding and planing process. The P508HV planer has a quick-set micro-adjustable lever that easily raises and lowers the table rollers to aid in the feeding of difficult to feed wood. The industry standard 30x12x1.5mm carbide insert knives are positioned by two pins and held by a gib and screw which do not require any special tools to set the height. The knives have a slight bevel in the corners which provide for a superior finish without any stepping between the knives. In addition, the knives sit vertically into the head which produces a proper cutting angle and gully to allow for superior cutting depth.



Spiral Insert cutterhead



Micro thickness adjustment



Digital pad



Control panel



Sectional roller



Bed adjustment



Table rollers

## Key Advantages.

- Spiral insert knife cutterhead with superior cut quality and maximum depth of cut
- Two-sided solid carbide inserts are easily changed while providing optimum wear life
- Heavy-duty cast iron machine frame ensures long machine life, optimum cut quality with its superior vibrating damping properties
- Digital thickness control for accurate automatic adjustment of the table position
- PLC digital control for auto-thickness setting in Inch or Metric
- Sectional infeed roller and sectional chip breaker
- Anti-kickback safety fingers for safe operation
- Variable speed drive for optimum finish results according to the planing depth and material being planed.
- Quick-set table roll adjustment to aid in feeding difficult to feed material
- Steel spiral cutterhead with carbide inserts – 6 rows, 30 x 12 x 1.5 mm cutters mounted on angle for 'shear' cut
- Exhaust hood with 6" outlet
- Flip open upper hood for easy and convenient access to change the knives on the cutterhead
- Safety limit switch on the cover will not allow the operator to run the machine with the hood open.

## Specifications.

|                              |                           |
|------------------------------|---------------------------|
| Planing width                | 20"                       |
| Planing thickness            | 11-13/16"                 |
| Maximum depth of cut         | 5/16"                     |
| Minimum planing length       | 8 3/4"                    |
| Table size                   | 22" x 29"                 |
| Feed speed                   | 20-39 FPM Variable        |
| Main motor                   | 7.5 HP – Voltage 230/3/60 |
| Feed motor                   | 1 HP                      |
| Power rise and fall of table | 1/2 HP                    |
| Cutterhead diameter          | 98mm (3.86")              |
| Dust Port                    | (1) 6"                    |
| Table jack screws            | 2                         |
| Net weight                   | 1590 lbs.                 |
| Machine dimensions           | 46" x 35" x 48"           |