



## PT310-HB 12" x 8" Heavy Duty Planer Thicknesser with Helical Block, Digital Readout and Jockey Bar Wheel Kit



### Helical Cutter Block

The helical block ensures a silky-smooth finish is achieved, whilst reducing operating noise. The TCT cutter blocks last 10-20 times longer than traditional blades and are simple and easy to replace.

The Record Power **PT310-HB** is a compact yet extremely accurate, powerful and easy to use heavy-duty planer thicknesser. It has been designed to offer serious home users a high-performance planer solution for accurate dimensioning of timber.

At the heart of this machine is the helical cutter block. It features 56 TCT cutter heads arranged in a helical format over four rows. The blades themselves are machined to a convex profile to achieve a shear cut, resulting in an extremely high-quality finish to the timber. This method of cutting is extremely efficient and reduces the power consumed and strain on the machine when compared to the traditional 3-knife cutter block planer thicknesser. The arrangement of the cutter blocks also allows for increased airflow between the blades, ensuring the air is exhausted from the machine efficiently which greatly reduces the operating noise by up to 50% over traditional machines.

The helical block creates small, evenly sized chippings, meaning more effective extraction is achieved, further adding to the operating efficiency of this machine.

The TCT blades last 10-20 times longer than traditional HSS planer blades and each cutter block has four sides, so when the blades become blunt, simply rotate them to expose a fresh cutting edge. In comparison to a traditional 3-knife machine, blade change and setup is simple and easy as each cutter block is secured to the block in a fixed position – meaning no intricate setup operations are necessary.

Another key feature of the PT310-HB is its parallel table lift design. Changeover from planing to thicknessing mode is fast and easy - simply loosen the cam action table locks and lift the entire table assembly, including the fence, in one movement.

To further ensure a smooth, superior finish, the outfeed roller is rubber-coated to reduce marking of the timber as it is fed from the machine. Easy to use, powerful and accurate, the **PT310-HB** gives professional performance and results in a compact and cost-effective package.



### Fence tilts to 45°

The fence can be quickly tilted to 45° with the simple to use fence mount system.



### Dust Hood Retention Catch for Safety

This catch eliminates the risk of the dust hood being accidentally removed and therefore exposing the blades.



### Easy-to-Use Cam Action Table Lock

The tables are locked in place in seconds with the easily accessible lock levers.



### Parallel Table Lift

Fast and easy changeover for improved workflow.

### Specifications

**Thicknesser feed rate:** 7 M/min  
**Helical block inserts:** 56  
**Maximum thicknessing width:** 310 mm  
**Maximum thicknesser depth of cut:** 3 mm  
**Maximum planing width:** 310 mm  
**Maximum planer depth of cut:** 3 mm

**Motor input:** 2.75 kW (single phase)  
**Motor output:** 2.2 kW (single phase)  
**Motor input:** 2.75 kW (three phase)  
**Motor output:** 2.1 kW (three phase)  
**Voltage:** 230 V (single phase)  
**Voltage:** 400 V (three phase)

**Frequency:** 50 Hz (single phase)  
**Frequency:** 50 Hz (three phase)  
**Dust port diameter:** 100 mm  
**Weight:** 202 kg  
**Size:** W1407 x D745 x H1005 mm