

Product Brochure For K8175

16" Thicknesser - Spiral Cutterhead - T-406S, 240V

Built to School Specifications
 NSW DOE Item 16A

Please Call



| | |
|--------------------------------------|-----------------------|
| ORDER CODE: | K8175 |
| NSW DOE Item No.: | 16A |
| QLD DOE Item No.: | ~ |
| MODEL: | Schools / TAFE T-406S |
| Width Capacity (mm): | 406 |
| Height Capacity (mm): | 150 |
| HSS Cutter Blades: | ~ |
| Spiral Cutter Head - Carbide Insert: | Yes |
| Motor Power (kW / hp): | 2.25 / 3 |
| Voltage / Amperage (V / amp): | 240 |
| Nett Weight (kg): | 250 |



Description

The Hafco T-406S Spiral Cutter Head Thicknesser is designed and engineered to meet the demands of even the toughest woodworking workshops!

Constructed from robust cast iron, its solid base, feed tables, and cutter head ensure stability and excellent vibration absorption. Exceptional power is provided by a 2.25kW / 3hp 240V induction motor, housed in the base, which drives the cutter block via a twin-pulley V-belt system. Solid cast iron extension tables are fitted at both the front and rear, enhancing timber support, while a digital height gauge ensures precise and accurate adjustments.

The standout feature of this machine is its spiral cutter head. Featuring four rows of tungsten carbide cutters, it delivers an almost flawless finish. The cutters are arranged to produce a super-clean shear cut, with each cutter having four edges, allowing you to rotate to a fresh edge when needed. Damaged cutters can be replaced individually, minimizing waste and reducing costs. Each edge lasts up to 10 times longer than traditional HSS blades, significantly reducing downtime. Furthermore, the cutter head requires no blade setting, saving time and guaranteeing consistent accuracy.

Features

- 406mm wide x 150mm high timber capacity
- Dynamically balanced 4 row spiral cutter head with 68 TCT indexing cutters
- Carbide inserts incorporate 4 cutting edges for reduced vibration
- Powerful 2.25kW, 3hp 240V induction motor
- Cutting speed 5000 rpm
- 2 speed (4.8 & 6m/min) feed rollers with pressure adjustment
- Ø100mm (4") dust port for efficient dust extraction
- Easy to read digital height gauge
- Table height locking mechanism secures all four pillars against unwanted movement.
- Heavy duty four post design with protective concertina covers

Safety Features

- Anti kick back fingers
- Cutter head cover with integrated tool-locking mechanism
- Additional guarding installed on both sides of the machine to ensure maximum operator safety.
- DOL starter switch with overload protection and raised red stop button
- Keyed isolation switch - PWD approved

Includes

— Digital Height Gauge

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- 68 Carbide Inserts

Specific Features



Right Side View



Rear View



Control Panel



Digital Height Gauge



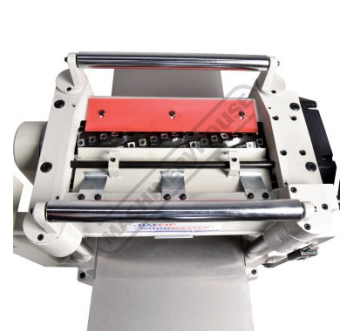
Height Adjustment Hand Wheel



2 Speed Feed Gearbox



Five Spiral Cutter Head With 80 Inserts



Five Spiral Cutter Head Top View



Adjustable Stop



Cast Iron Infeed and Outfeed Tables



Top Rollers for Returning Material



100mm Dust Outlet

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Recommended Accessories

W416
 Carbide Inserts for Spiral Cutter
 Heads on Thicknessers



W331
 Industrial Dust Collector



W344
 Wood Dust Accessory Kit



W334
 Dust Hose Reducer



W333
 Dust Hose Reducer



W335
 Blast Gate



W336
 Dust Hose Elbow - 90 Degree



W337
 Dust Hose Y Adaptor



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W338

Dust Hose Universal Dust Hood



W339

Dust Hose Floor Sweeper Attachment



W340

Dust Hose Clamp



W341

Dust Hose Clamp

