Sydney: (02) 9890 9111
Brisbane: (07) 3715 2200
Melbourne: (03) 9212 4422
Perth: (08) 9373 9999
Adelaide: (08) 9373 9969
sales@machineryhouse.com.au
www.machineryhouse.com.au

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



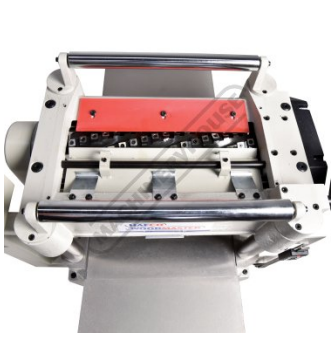
Control Panel


Digital Height Guage


Height Adjustment Hand Wheel


2 Speed Feed Gearbox


Five Spiral Cutter Head With 80 Inserts

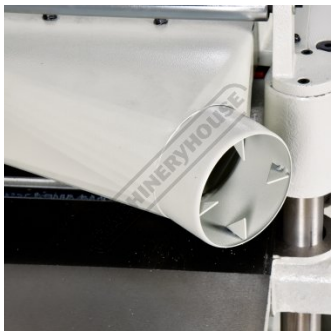

Five Spiral Cutter Head Top View


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

