

20" Heavy-Duty Planer (MI-31550, MI-31552, MI-31553)



The Magnum Industrial 20" Heavy-Duty Planer features a European-inspired design and three motor options to meet the needs of any planing application, from schools and home workshops to professional production shops. The Magnum helical cutterhead is easy to set up and delivers all the advantages of a standard helical head plus several improvements:

- *Runs quieter and limits lines and grain tear out*
- *Doesn't require special torque setting tools*
- *Can handle almost any hardwood or softwood application*

**Helical
Head with
58 Reversible
Carbide
Inserts**

Features:

- Available with three powerful motor options
- Accommodates continuous feeding, even with larger planks
- Sectional infeed rollers allow for staggered feeding of smaller pieces without kickback
- Solid cast-iron extension wings add stability and reduce snipe when planing larger planks
- Magnum helical cutterhead with 58 two-sided carbide inserts minimizes tear out and lines
- Cutterhead housing features built-in sound baffles to reduce operating noise
- Two feed speeds (22 & 28 LFM) deliver high-quality results on hardwood or softwood
- Complete one-piece stand provides stable, vibration-free operation
- Angled dust hood keeps collector hose out of the way
- Magnetic switch protects against burnout and improves operator safety

Specifications:

Motor (MI-31550): 7.5 HP, 220V, 1 PH, 31A
Motor (MI-31552): 7.5 HP, 208V, 3 PH, 22A
Motor (MI-31553): 7.5 HP, 220V, 3 PH, 19A
Inserts: 58 reversible carbide
Cutterhead speed: 4,500 RPM
Cutterhead diameter: 3-3/4" (97 mm)
Max planing width: 20" (508 mm)
Max thickness: 8" (204 mm)
Minimum thickness: 3/16" (5mm)

Minimum stock length: 8-1/4" (210 mm)
Max cutting depth
full width: 1/8" (3 mm)
narrow boards: 1/4" (6 mm)
Feed speed: 22 & 28 LFM
Table size: 55" x 20" (1,437 x 508 mm)
Dust ports: 5" (127 mm)
Weight: 1,397 lbs (635 kg)