



TSM-30 Series Pocket Cutter Machines

TSM-30 series features heavy duty construction throughout, with easy, top-down access for quick tooling changes. Designed for continuous or multi-shift production in a broad variety of wood-working manufacturing environments, the TSM-30 Series Pocket Cutters are available in three different voltage options:

- TSM-31 Single Phase 230V
- TSM-35 Three Phase 230V
- TSM-35 Three Phase 460V

Each cuts the patented, 6 degree, low-angle Castle pocket.

Powerful and extremely durable induction motors drive the pocket cutting spindle and all models use a high-torque, heavy-duty air motor - specifically designed for Castle - to drive the pilot bit. Both operations - pocket cutting and pilot hole drilling - are completed in a single cycle.

Adjustable indexing stops are built into the top for quick part transitions during high production shifts. A favorite among cabinet, furniture, mobile home, RV manufacturers and more, these premier woodworking shop tools can produce more than a quarter million pockets per month for years on end with minimal maintenance.

FEATURES AND BENEFITS INCLUDE:

- Cuts the 6 degree low-angle Castle pocket, for strong, stable, tight, and superior joints – even in ½" material!
- Designed for high-capacity, continuous production joinery for maximum throughput of parts and components
- Low-angle 6 degree pockets minimize the need for clamping during assembly
- Cuts pocket and pilot hole in a single cycle, increasing throughput and decreasing material damage and waste
- Standard machine height with a small footprint - easy to fit into any production line
- Easy maintenance and bit changing
- Minimal shop air required: 85 psi
- Footswitch with automated operation that's simple and easy to use
- TSM-30 series machines quickly integrate into any existing manufacturing process or workflow





Technical Specifications:

- Power Options: 230V Single Phase; 230V Three Phase; 460V Three Phase
- Motor: 1.5hp Baldor Router Motor (TSM-31 230V), 1hp Leeson/Marathon Router Motor (TSM-35 230V and TSM-35 460V)
- Drill: Sioux SDG10S25FCT Air Motor
- Router bit: Premium 3/8" Solid Carbide, Rough Mill
- Drill bit: Premium 9/64" Brad and Spur TiN-Coated Bit
- Air req: 85 psi - external regulator, filter, and lubricator included
- Basic footprint: 21" depth x 19" width
- Working height: 36.5"
- Worktop usable area: 16" depth x 18.5" width
- Machine height: 38"
- Shipping weight: Approx. 340 lbs
- Shipping dimensions: 22" x 28" x 52"
- Manufactured in USA

"We have been in business for 16 years and started out with [competitor]. I ran into Castle at a trade show and really liked the equipment and team at the booth. Once I purchased the TSM-35 and experienced the quality of machine, pockets it cuts and service the Castle team provides, I was hooked!"

After many years, I am still using the TSM-35 (just purchased 3 more) and have begun to incorporate several Castle assembly tables along with the CSI 1.5D Pocket Cutter/Screw Inserter Machine."

Mike Swientek, Owner, Michael Edwards Custom Cabinetry, TX

