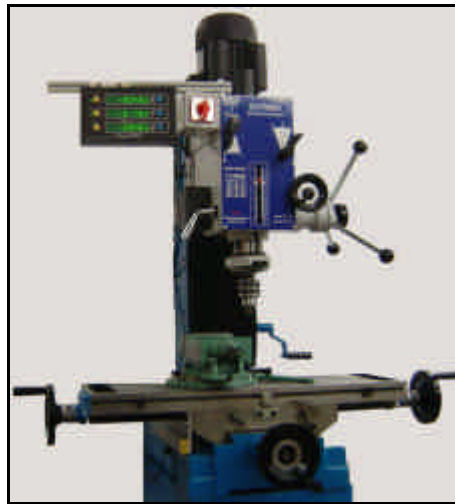


SimpleMill-Drill™
Square-Column Tabletop Mill with DRO
Specifications & Product Details

Engineering Service Providers (ESP) is pleased to offer the *SimpleMillDrill™* to the sophisticated metalworking home hobbyist. *SimpleMillDrill* is based on a square column mill w/ 31.5" X 9.5" table, and includes an integrated 3-axis Digital-Read-Out (DRO), a standard mill toolkit, and over \$300 worth of milling accessories - all for **\$2649!** Note that *SimpleMillDrill* will fit through a standard 36" doorway!

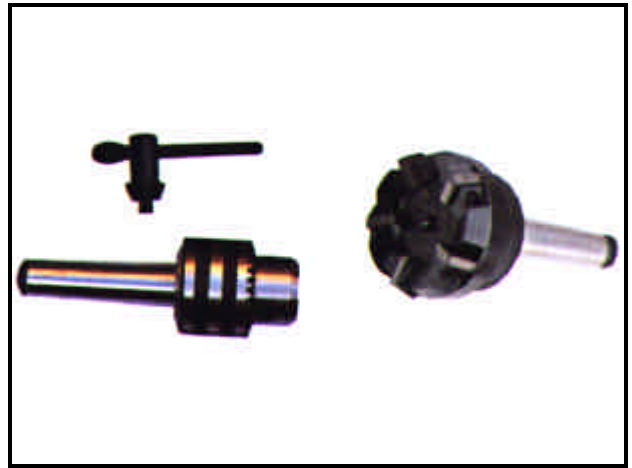
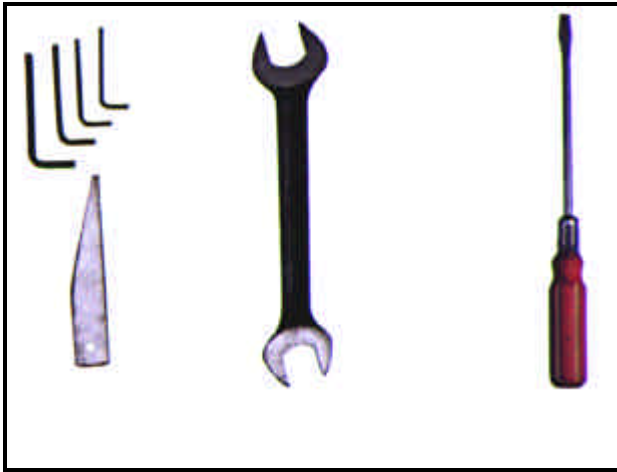
SimpleMillDrill™ is high-quality Square-Column tabletop mill imported from China by ESP - for the American market. The Square-Column with dovetail ways is a key feature - adjustment of the column height preserves the zero of the X,Y table, unlike round-column units. At ESP, we install our 3-axis *SimpleDRO™* package on the unit and bundle an extensive accessory kit. Each unit is burned-in, calibrated, and tested before delivery.



SimpleMill-Drill

Model Number	ZAY7045FG
Dimensions & Weights	40.5"/1030mm (width), 30.0"/760mm (depth), 57.25"/1450mm (height max); ship: 30.5"/775mm * 35"/890mm * 45"/1145mm (l*w*h); ~800/875 lbs
Table Size	31.5"/800mm (X) * 9.5"/240mm (Y)
Table Travel	20.7"/525mm (X) * 9.2"/234mm (Y); English/Inch Leadscrews & Dials
Spindle Column	square column/dovetail ways; travel: 15.75"/400mm; clearances: 17.75"/450mm spindle-to-table (max), 10.25"/260mm spindle-axis-to-column (min)
Spindle Capacities	2hp(1.5kw) AC motor, 6 gear-selectable speeds (95-1500 rpm), R8 taper, 5.1"/130mm Z-travel w/coarse & fine feed, ±90° X-Z swivel
Spindle Controls	Three-Position Spindle Control Switch: Forward, Off, Reverse
Spindle Power	110V@13.6A - 220V@6.8A, Single-Phase, 60 Cycle AC
Max Tool Capacities	Drill: 1.75"/45mm; Shell Mill: 3.15"/80mm; End Mill: 1.25"/32mm; Tap: 0.5"/12mm
SimpleDRO System	<u>Preinstalled:</u> • Three (3) SimpleDRO Axis Scale Units, optical scales w/encoders - ±0.0005"(±0.01mm) • One (1) SimpleDRO Display Unit • One (1) Universal Power Supply, 5V@2A • Three (3) Signal Cables @ 3m/10'
Standard Accessories	• Allen Key Set (3,4,5,6mm) • Wrench (22/24mm) • Screwdriver (6") • Wedge • R8 Collet Chuck & 8-pc Collet Set(4-16mm) • 5"/125mm Milling Vise w/ grad swivel base • T-Nut Hold-down kit • 3"/76mm Shell Mill (R8) • 0.625"/16mm JT33 Drill Chuck w/R8:JT33 arbor & key
Optional Accessories	Machine Base/Table
Warranty	Mill: 1-Year from Manufacturer; DRO: 2-Year from ESP
Pricing	\$2649 USD - FOB, Quakertown, PA 18951

Standard Accessories



Optional Accessories



For further information contact...



Engineering Service Providers

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