



*...built to stand
the test of time*

Spindle Moulder

Model SM4



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Construction

A cast iron table mounted on a heavy duty steel cabinet provides maximum timber support and a stable and accurate base for anchoring the spindle, motor housing, and rise & fall mechanism. All tables feature an anti-friction planed finish. The bearing housing, rise & fall assembly and motor mountings are also in machined cast iron. The spindle is belt driven by an industrial motor and runs in "sealed for life" bearings, which require only minimal maintenance.

Ease of Operation

The spindle rise and fall mechanism is operated by a handwheel at the front of the machine. Spindle height is read from a digital indicator. The SM4 features a cast iron 'horseshoe' type assembly with independently adjustable precision-ground fence plates and movement indicators. Changeover between the four spindle speeds is effected by quick and easy belt re-positioning. A viewing panel showing pulley speed is incorporated.

Versatility

The machine's removable spindle allows the operator to select between 30mm and 1 1/4" dia. spindles, as well as offering the flexibility of optional router or tenoning spindles.

Safety Features

The machine is equipped with a cast aluminium cutter guard and a robust shaw guard set with hexagonal mountings and steel ratchet handles. Twin outlets facilitate dust extraction from both the cutter well and fence locations. Additional safety features include: automatic braking; starter with thermal overload no volt release protection and lock-off emergency stop; lockable isolator; electronically interlocked door; a footstop and a socket for a power feed unit.

Optional Accessories

Table Extensions

To provide increased support for long work-pieces. Manufactured in strong sheet steel, a set of two extends the table length by 1000mm

Sliding Table

To provide a stable moving platform for tenoning etc. The table is manufactured in cast iron, and runs on precision-ground case-hardened rollers and bearings. A mitre fence with 90-45° adjustment, timber stop and sturdy clamp are all incorporated.

Table Size: 740 x30mm
Stoke: 900mm
Nett Weight: 70kg

Tenoning Hood

To provide protective covering and a point of extraction (100mm) for cutters up to 350mm dia. The lid and visor are both adjustable, and feature a carrying handle.

Stub Spindle

For use with counterbored cutterheads.

Router Spindle

The router spindle is quickly interchanged, without disturbing the main spindle or bearings. Particularly valuable when machining small pieces, the unit comes with a 1/2" collet, nut and spanner.

Ring Fence and Safety Guard

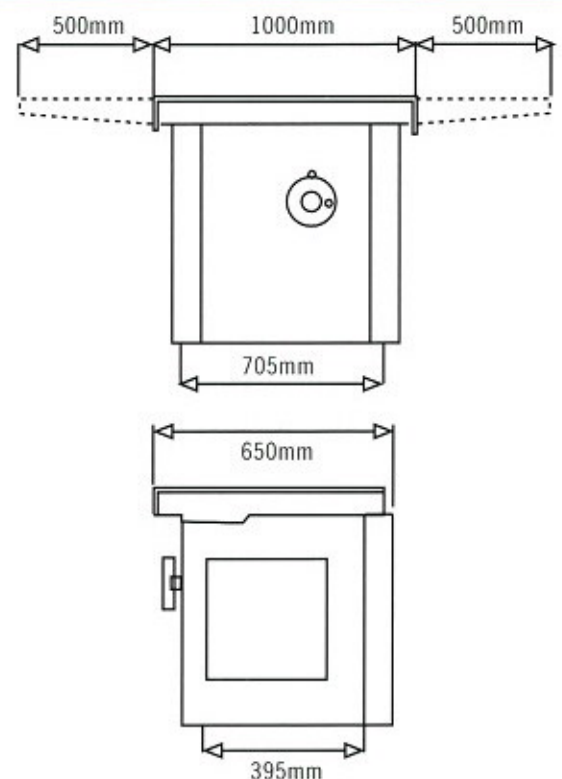
For safe machining of curved work-pieces. This fully adjustable heavy-duty guard comes with a 6 1/4" ring, two adjustable visors, a foot which is bolted to the table, a 12" upright, and a 7" cross bar.

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Specification

TABLE SIZE	1000x650mm	
FENCE PLATES	150x400mm	
MAX. PROFILING CUTTER DIA.	250mm	
MAX. CUTTERBLOCK DIA.	180mm	
MAX. TENONING CUTTER DIA.	320mm	
MAX. CUTTER WEIGHT	7kg	
MAX. RETRACTABLE TOOL SIZE	180 x105mm	
MAX. SPINDLE PROJECTION ABOVE TABLE	140mm	
SPINDLE STROKE	90mm	
SPINDLE LENGTH	140mm	
SPINDLE DIA.	30mm (1 1/4" optional)	
SPINDLE SPEEDS (rpm)	1400, 3500, 6000 8000rpm	
MOTOR RATING	3 phase 1 phase	4. 0Kw 3. 0Kw
MOTOR FULL LOAD CURRENT	3 phase 1 phase	7.7 Amps 18.7 Amps
EXTRACTION OUTLETS	1@120+1@100mm	
AIR VOLUME REQUIRED	1870cmh	
NETT WEIGHT	350kg	



Specifications and dimensions are subject to change and do not form part of a contract.