

SEDGWICK SM210 SPINDLE MOULDER



Construction

The Sedgwick SM210 Spindle Moulder features a cast iron table with anti-friction planed finish. Mounted on a heavy duty steel cabinet, the table provides maximum timber support and a stable and accurate base for anchoring the spindle, motor housing, and rise & fall mechanism. 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, and the spindle height read from an adjacent scale. The SM210 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 fabricated steel 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.

Technical Specification

TABLE SIZE	850x650mm
TABLE HEIGHT	880mm
MAX CUTTERBLOCK DIAMETER	125mm
MAX PROFILING CUTTER DIAMETER	210mm
MAX CUTTER WEIGHT	4KG
MAX RETRACTABLE TOOL SIZE	150x105mm
SPINDLE DIAMETER	30mm (Optional 1 1/4")
SPINDLE LENGTH	125mm
SPINDLE SPEEDS	3000/4500/6000/8000
SPINDLE STROKE	100mm
FENCE PLATES	125x425mm
DUST EXTRACTION OUTLETS	150 & 100mm
TOTAL AIR VOLUME REQUIRED	1870CMH
VOLTAGE / FREQUENCY	3 PHASE+EARTH 400/230v – 50/60Hz 1 PHASE +EARTH 230V – 50/60Hz
MOTOR RATING	3 PHASE 2.2Kw IE2 (S1)1 PHASE 2.2Kw
MOTOR RATING FULL LOAD IN AMPS	3 PHASE 4.4A 1 PHASE 15.4A
STARTING CURRENT IN AMPS	3 PHASE 26.4A 1 PHASE 92.4A
REQUIRED FUSE SIZE IN AMPS	3 PHASE 20A/ph 1 PHASE 40A
REQUIRED CABLE SIZE	3 PHASE 2.5mm ² 1 PHASE 4.0mm ²
DIMENSIONS (machine only) LxWxH	1020x680x1420mm
NETT WEIGHT	230kg