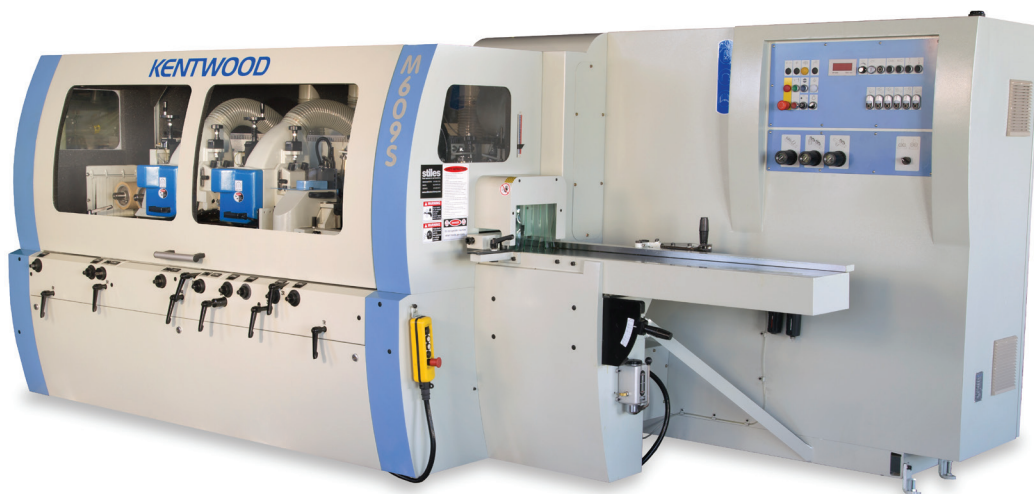


# KENTWOOD S CLASS MOULDERS



ProLock quick-action lock system is included



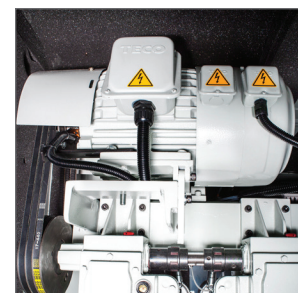
Rail and bearing pad pressure slides eliminate sticking, providing better finish quality and feeding

## USER FRIENDLY OPERATION & PRECISION

The KENTWOOD S Class moulder range is the ideal planing and moulding machine for both simple and complex tasks. A powerful feed system combined with its exclusive ProLock spindle system, the professional quality of the S Class range gives you the features you need, without paying for the extras you don't.

### S CLASS MOULDER OFFERINGS:

- ProLock spindle nuts
- Dynamic rail & bearing pad pressures
- Split pad shoe for top hold down
- Full electronic spindle brakes as standard
- High performance feed motor for smooth, reliable feeding power via inverter control
- Hard-chromium table plates throughout
- Short stock feeding device
- Dual digital mechanical readouts for width and thickness adjustments
- Cardan drive shaft with heavy duty cast iron gearboxes



Smooth feeding power via inverter duty feed motor with auxiliary cooling fan

QUICK FACTS	M509S	M609S	M612S
Spindles	5	6	6
RPM	6000	6000	6000
Total motor horsepower	55.75hp	70.75hp	105.75hp
Working width	15-230mm	15-230mm	15-300mm
Working thickness	10-150mm	10-150mm	10-150mm
Feed speed	6-24M/min	6-24M/min	6-24M/min
Weight	3800kgs	4750kgs	4800kgs

TECHNICAL SPECIFICATIONS	M509S	M609S	M612S
Working width	15-230m	15-230mm	15-300mm
Working thickness	10-150mm	10-150mm	10-150mm
Working length (min. individual piece)	800mm	800mm	800mm
Working length (min. end to end)	300mm	300mm	300mm
Cutting circle, first bottom	125-160mm	125-160mm	125-160mm
Cutting circle, vertical spindles	112-200mm	112-200mm	112-200mm
Cutting circle, horizontal spindles	112-200mm	112-200mm	112-200mm
Weight, uncrated	3800kgs	4750kgs	4800kgs
Weight, crated	4200kgs	5400kgs	5400kgs
Feed speed	6-24M/min	6-24M/min	6-24M/min
Feed adjustment	elec variable	elec variable	elec variable
Feed motor, auxiliary cooling fan	included	included	included
Infeed table length	2M	2M	2M
Infeed table surface	chrome	chrome	chrome
Main table plates surface	chrome	chrome	chrome
Number of top feed rollers**	seven (7)	nine (9)	nine (9)
Number of bottom table rollers	two (2)	three (3)	three (3)
Short stock feeder (Reduced distance gearbox)	included	included	included
Main fence height	63mm	63mm	63mm
Total motor horsepower	55.75hp	70.75hp	105.75hp
Spindle brakes	included	included	included
Spindle brakes type	electronic	electronic	electronic
Axial adjustment of vertical spindles	60mm	60mm	60mm
Axial adjustment of horizontal spindles	20mm	20mm	20mm
Spindle diameter (stocked)*	1-1/2"	1-1/2"	1-13/16"
Spindle clamping	ProLock	ProLock	ProLock
Hydraulic outboard bearings	none	none	four (4)
Cabin lights	LED	LED	LED
Hand held pendent	included	included	included
Removable dust hood for near side spindle	included	included	included
Pressure elements, chipbreakers	spring	spring	spring
Pressure elements, pad pressure	spring	spring	spring
Pad pressure element segments (first/last)	two	one/two	one/two
Pad pressure element type	rail & bearing	rail & bearing	rail & bearing
Dual digital mechanical readout adjustment	included	included	included
Lateral side roller pressure at infeed table	spring	spring	spring
Lateral side pressure roller opposite fence spindle	spring	spring	spring
Tooling, first bottom cutter length	240mm	240mm	310MM
Tooling, first bottom type	TCT helical	TCT helical	TCT helical
Other processing tools included	optional	optional	optional
Multiple length of chipbreaker shoes, each top	three (3) sets	three (3) sets	three (3) sets

\* Other available spindle diameters, 40mm, 1-13/16" (No charge on factory orders)

\*\*Includes short stock feeder

For more information on KENTWOOD: 616.698.7500 | [www.stilesmachinery.com/KENTWOOD](http://www.stilesmachinery.com/KENTWOOD)

**KENTWOOD™**

**stiles**