

KENTWOOD HD CLASS MOULDERS



STABILITY & EFFICIENCY

The KENTWOOD HD Class moulder range is the heaviest offering available in this line. The large cutting circle with heavy horsepower allows operators to handle the heaviest profiling with ease. The most popular operator requested options are included as standard. This series features the most advanced electronic components, featuring variable RPM spindles for the best overall performance.

HD CLASS MOULDER OFFERINGS:

- ProLock spindle nuts (M609HD only)
- Dynamic rail & bearing pad pressures
- Split pad shoe for top spindles
- All pneumatic pressure elements throughout
- Automatic table Waxilit lubrication pump
- Motorized spindle positioning
- 3-axis of motorized spindle movements
- Reliable inverter spindle braking
- HDVR - electronically adjustable spindles (4000-8000RPM)
- Heavier horsepower
- Outboard bearings on horizontal spindles (M612HD only)
- Automatic timber pull out control
- Pressure monitoring device
- Large cutting circles



ProLock quick-action lock system is included



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



Motorized spindle positioning

QUICK FACTS	M609HDVR	M612HD
Spindles	6	6
RPM (1st bottom; 2nd -6th spindles)	6000; 4000-8000	6000 (all)
Total motor horsepower	144hp	159hp
Working width	15-230mm	15-300mm
Working thickness	10-150mm	10-150mm
Feed speed	6-36M/min	6-36M/min
Weight	5400kgs	6600kgs

TECHNICAL SPECIFICATIONS	M609HDVR	M612HD
Working width	15-230mm	15-300mm
Working thickness	10-150mm	10-150mm
Working length (min. individual piece)	800mm	750mm
Working length (min. end to end)	300mm	300mm
Cutting circle, first bottom	125-180mm	125-180mm
Cutting circle, vertical spindles	125-232mm	125-232mm
Cutting circle, horizontal spindles	125-225mm	125-225mm
Weight, uncrated/crated	6000kgs/5400kgs	6600kgs/7200kgs
Feed speed	6-36M/min	6-36M/min
Feed adjustment	elec variable	elec variable
Feed motor, auxiliary cooling fan	included	included
Infeed table length	2M	2M
Infeed table surface	chrome	chrome
Table lubrication pump	Automatic (Waxilit)	Automatic (Waxilit)
Main table plates surface	chrome	chrome
Number of feed rollers (top**/bottom)	twelve (12)/six (6)	twelve (12)/six (6)
Short stock feeder (Reduced distance gearbox)	included	included
Main fence height	63mm	63mm
Automatic timber pull out control feature	included	included
Spindle brakes/type	included/inverter	included/inverter
Axial adjustment of spindles (vertical/horizontal)	80mm/40mm	80mm/40mm
Auxiliary hold down roller opposite near side	optional	included
Pressure monitoring device	included	included
Spindle diameter (stocked)	1-13/16"	1-13/16"
Spindle clamping (Vertical; Horizontal)	ProLock; ProLock	Threaded; ProLock
Hydraulic outboard bearing	optional	included (4pcs)
Cabin lights	LED	LED
Hand held pendent	included	included
Pressure elements, chipbreakers	pneumatic	pneumatic
Pressure elements, pad pressure	pneumatic	pneumatic
Pad pressure element segments (first/last)	two/two	two/two
Pad pressure element type	rail & bearing	rail & bearing
Lateral side roller pressure at infeed table	pneumatic	pneumatic
Lateral side pressure roller opposite fence spindle	pneumatic	pneumatic
Computer assistance	included	included
Computer assistance type	REC touch pad	REC touch pad
Memory sets	none	none
Motorized spindles	3R, 4R/5R	3R, 4R/5R
Surge suppression device	Included	Included
Tooling, first bottom cutter length	240mm	330mm
Tooling, first bottom type	TCT helical	TCT helical
Other processing tools included	optional	optional

**Includes short stock feeder

For more information on KENTWOOD: 616.698.7500 | www.stilesmachinery.com/KENTWOOD

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