

PLANNING PROFILE 4-SIDE MOULDER

LMC
LEADERMAC

MACHINE FEATURES:

- A multi-tasking machine that combines various function in one.
- Patterns, T-slot and guide channel, etc. can be fast accomplished in a single feed.
- The top spindle is equipped with 2 jumping cutters with jumping speed can reach 400 times per minute.
- The top spindle can be used with a 6000rpm conventional spindle or a 12000rpm high speed HSK spindle.
- Equipped with French Schneider control system.
- Movable iPad for machine operation synchronously.
- Built-in Ethernet system for convenience in online operation.
- Built-in Schneider cloud system "Eco Structure" allows for monitoring the current machine status at anywhere in the world.
- The vertical spindle and motor assembly are adjusted synchronously for added convenience in spindle adjustment.
- Both chip breaker shoes and pressure shoes are equipped with LED digital readouts for accurate and convenient adjustments.





Spindle configuration

STANDARD EQUIPMENT:	523 to 923	Available Options
Number of Heads / Spindles, min-max	5 to 9	Any Head Configuration - available to 300mm(12")
Working Width (with a tool cutting circle of 125mm)	15-230mm (.59"-9")	to 200 (8") or 250mm (10")
Working Thickness (with a tool cutting circle of 125mm)	10-150mm (.39"-6")	to 15HP(11KW)(1ST BOTTOM SPINDLE) , 20HP(15KW) (VERTICAL SPINDLE), 20HP(15KW)(TOP AND 2ND BOTTOM SPINDLE)
Basic Spindle Motor capacity	10/15HP (7.5/11KW)	
Spindle Diameter	40mm	50mm, 1 13/16" / 2 1/8"
Spindle Speed	6000 RPM	7200 RPM
Tool cutting circle, First Bottom Spindle, min-max	125-160mm (4.9"-6.30")	115 - 160mm(when option HSK 80F SPINDLE)
Tool cutting circle, Vertical Spindles, min-max	125-215mm (4.9"-8.46")	80 - 160mm(when option HSK 80F SPINDLE)
Tool cutting circle, Horizontal Spindles, min-max	125-215mm (4.9"-8.47")	80 - 160mm(when option HSK 80F SPINDLE)
Feed Motor	5HP / inverter (3.75 KW)	10/15/20HP/inverter(7.5/11/15KW)
Feed speed, infinitely variable by frequency (VFD) driven	30m/min (98 fpm)	
Top Feed Rolls - Diameter	140mm (5.5")	
Top Feed Roll Width - Multiple Rolls Stacked on shafts	50mm (2") / Roll	
Bottom Feed Roll Width	Full Width	
Pneumatic pressure for feed rollers, max	6 bar (85psi)	
Adjustment range for Infeed Table(Btm Head Cut) and Edge Jointing Fence	10mm (.4")	
Adjustment range of vertical spindles (axial)	80mm (3.15")	
Adjustment range of horizontal spindles (axial)	40mm (1.575")	
Length of the Infeed / Straightening table	1.8M (71")	0.71/1.4/2.5/3M (27.9"/55"/98"/120")
Diameter of Dust Hoods for Vertical & Horizontal Spindles	Ø150mm (5.9")	
Digital Readouts on All Axis of all Heads	Std.	
Full Sound and Safety Enclosure	Std.	
Motorized vertical adjustment of Feed Beam	Std.	
Lateral Pressure Multiple Roller opposite first right spindle	Std.	
Chainless Cardan Shaft Feed System	Std.	

● All specifications, dimensions and design characteristics are subject to change without notice.



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