



Smartmac series

Leadership Through Performance and Reliability

LMC
LEADERMAC

The New Smartmac Series is a Serious Production Moulder



Integrating Many Fine Features You've Come to Expect

Quality Features Add More Value to Your Production

With fine features to give you
the winning edge in 4 sided moulding.

It's a Powerful, Precise, Efficient and Economical Machine in One Small Package.

- ▶ 1 piece, Cast Iron Machine Frame is specially heat treated for maximum stability and rigidity (std. machine configurations).
- ▶ Infinitely variable Feed Speeds up to 24 mpm (80fpm) are standard.
- ▶ Adjustment of each spindle can be easily performed using the front of the machine adjustment
- ▶ Pneumatic pressure of the feed rollers can be easily set to provide an outstanding feeding effect (Infeed, Midfeed & Outfeed Top Rolls separate settings).
- ▶ All Bed Plates(except Btm Head Receiving Table - Special Hard Tool Steel), Guides, Chip Breaker shoes & Pressure Plates are hard-chrome plated for maximum wear resistance.
- ▶ All lubrication points located at front of machine (central blocks colour coded).
- ▶ 1 Shot Bed Lubrication - std.
- ▶ Increased horsepower available. (optional)
- ▶ Programmable Setworks Control for convenient thickness of cut settings. (optional)
- ▶ The full Safety Enclosure (Heavy Gauge Steel) serves as a chip guard and helps to reduce noise.

Integrating Many Fine Features & the Latest
in Technology You've Come to Expect
Many High Quality Features Add More Value
to Your Production

With fine features to give you the
Winning Edge in 4 Sided Moulding.





LMG Smartmac 523
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Picture shown is LMC-523S-U with Universal and optional 3 meter (120") long Infeed Table. Standard Infeed Table Length - 2 meters (78").



Liftable Auxiliary Feed Roller

The mechanism provides added smoothness for short workpiece feeding. The auxiliary feed rollers are power driven for effortless feeding, and are liftable for convenient cutter change or setup.



Side Pressure Wheels for Third Spindle

Provides positive feed effect for short and narrow stock.

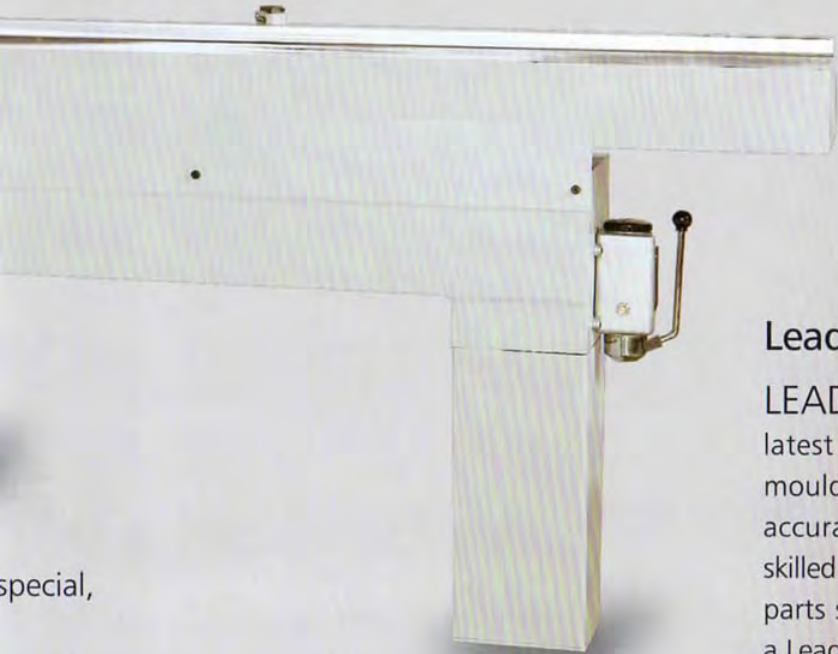


Universal Spindle (LMC-423S & LMC-523S)

The universal spindle can be operated horizontally, vertically or at any angle in between. Powered universal spindle horizontal elevation provides quick set-ups.



Standard Infeed Table Length - 2 meters (78").



special,

Leadership Through Performance and Reliability

LEADERMAC's wide variety of 4 sided moulders have all the very latest technologies for increased productivity. These heavy duty moulders are designed to provide fast cutting speeds and highest accuracy. The machines are precision manufactured by our highly skilled technicians - plus Leadermac service, training, and best possible parts support. No matter what your moulding jobs call for, there is a Leadermac 4 sided moulder that's right for you.

STANDARD EQUIPMENT:

LMC-423S & LMC-523S Most Common Models

Working Width (at a tool cutting circle of 140mm) Working Thickness (at a tool cutting circle of 163mm) Number of Spindles, min-max	20-230mm (0.78"-9.1") 10-125mm (0.39"-4.9") 4 or 5 Spindles	to 180mm (7") - optional (LMC 418S/518S) to 150mm (6") - optional 1 to 5 Spindles & Universal - optional
Base/Std. Motor Power per Spindle - 1st Bottom (5.5KW/7.5HP)	others 7.5KW / 10HP	to 15HP optional
Spindle Speed	6000 RPM	7200 rpm - optional
Spindle Diameter	40mm (1.6")	1 1/2", 1 13/16" - optional
Tool cutting circle, first bottom spindle, min-max	125-160mm (4.9"-6.3")	
Tool cutting circle, vertical spindles, left, min-max	125-180mm (4.9"-7.1")	
Tool cutting circle, vertical spindles, right, min-max	125-180mm (4.9"-7.1")	
Tool cutting circle, horizontal spindles, top, min-max	125-200mm (4.9"-8")	
Tool cutting circle, horizontal spindles, bottom, min-max	125-200mm (4.9"-8")	
Feed motor	3KW / 4HP	
Feed Speeds, infinitely variable	6-24m/min (19.5-80fpm)	
Feed Roll - Diameter	140mm (5.5")	
Feed Roll - Width - Top Rolls	50mm (2") each	Rolls are stacked on Shafts
Feed Roll - Width - Bottom Roll(s)	Full Width	
Pneumatic/Air Pressure for feed rolls, max	6 Bar (85psi)	
Adjustment range for Infeed Table and Edge-Jointing Fence	10mm (0.4")	
Adjustment range of vertical spindles (axial)	20mm (0.8")	
Adjustment range of horizontal spindles (axial)	20mm (0.8")	
Length of the straightening table	2M (78.7")	2.5M (98") & 3M (120") - optional
Diameter of dust hood for vertical spindle	Ø125mm (5")	
Diameter of dust hood for horizontal spindle	Ø125mm (5")	
Sectional Top Head Chipbreaker	Spring Tensioned - Std.	Pneumatic- optional
Chainless HD Cardan Shaft Feed System	Std.	
Mechanical Digital Readouts for All Head Axis, Top Head Chip Breakers & Pressure Shoe	Std.	
Full Sound and Safety Enclosure with Srobless Lighting	Std.	
Motorized vertical adjustment of Feed Beam	Std.	
Lateral pressure Dual Rolls opposite first right spindle	Std.	Pneumatic - optional

OPTIONAL EQUIPMENT:

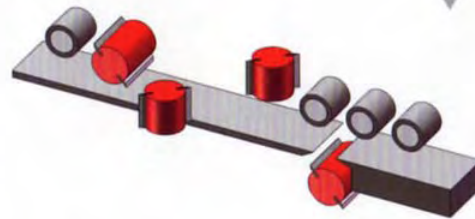
Program system provides faster setting	CE specifications
Setting and measuring devices	Universal spindle, tool cutting circle min 100mm, max 200mm
Increased horsepower	Auto-timber lubrication for feeding table

A Wide Range of Spindle Configurations

(Other configurations available on request)

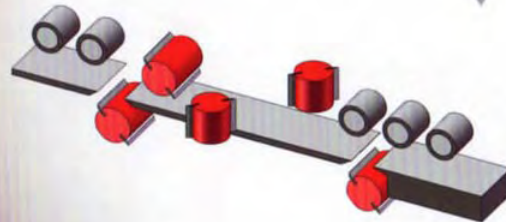
LMC-423

4-SPINDLE



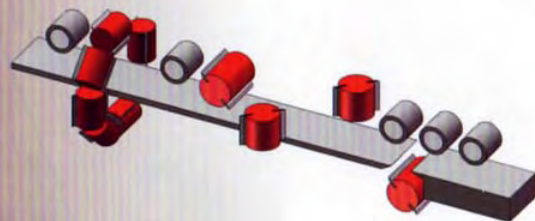
LMC-523

5-SPINDLE



LMC-523S with Universal Spindle

5-SPINDLE



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ISO-9001
TUV certified

