



Smartmac series

Leadership Through Performance and Reliability



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.



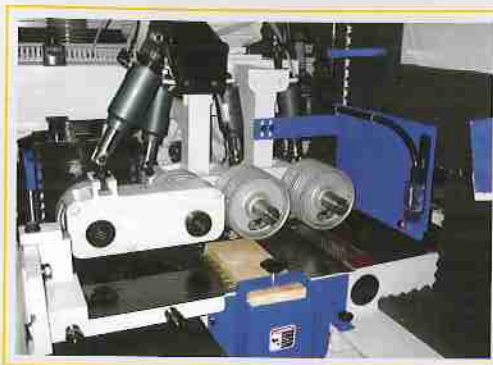


Picture shown is LMC-523S-U with Universal and optional 3 meter (120") long Infeed Table. Standard Infeed Table Length - 2 meters (78").



Lifttable 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").

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.

special,

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

