

# HYPERMAC

World Class Machine Speed



Leadership Through  
Performance and Reliability



ISO-9001  
TÜV certified



**LMG**  
**LEADERMAC**  
The Moulder of Moulders

Hypermac series Quality Features Add More Value to Your Production

Hypermac series

## Advanced Ideas for Rigorous Moulding Requirements

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





**Hypermac series** Quality Features Add More Value to Your Production

# Speed up Your Moulding Operations with the Latest



## Centralized Lubrication Points

Greasing to all critical parts is conveniently made by the centralized arrangement of lubrication points.



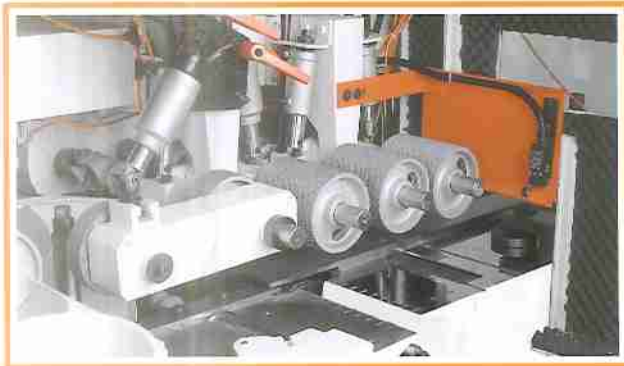
## Feed Table

The entire feed table is normalization heat treated for maximum stability. Fence adjustment is quickly accomplished by means of a quick-setting lever.



## High Precision Spindle

All spindles are precision constructed and specially heat treated to provide maximum cutting stability and permanent accuracy. They are water and dust-proof. Standard spindle speed is 6,000 RPM.



## Feed System

The bottom infeed roller works in conjunction with a limit switch to stop the machine if workpiece is too thick.

## Powered Infeed Roller

The smooth initial feeding of the stock is achieved by means of the independently powered infeed rollers.



## Convenient Spindle Adjustment

Adjustment of all spindles is easily effected from the front. The adjustment points are all at the same height, for more convenient and faster adjustment.

# Technological Breakthroughs from LEADERMAC



## Heavy Duty Gearbox

The feed rollers are driven through a combination of universal shafts and gearbox, ensuring no loss of power transmission. A smooth feeding effect is assured. The heavy duty gearbox has no backlash and provides powerful and accurate feeding performance.



## Programmable Controller

Width and thickness setting can be easily set using the programmable controller. The desired values for width and thickness can be conveniently pre-set and are displayed on an LED. The speed is inverter controlled, and all electrical components meet CE standards.



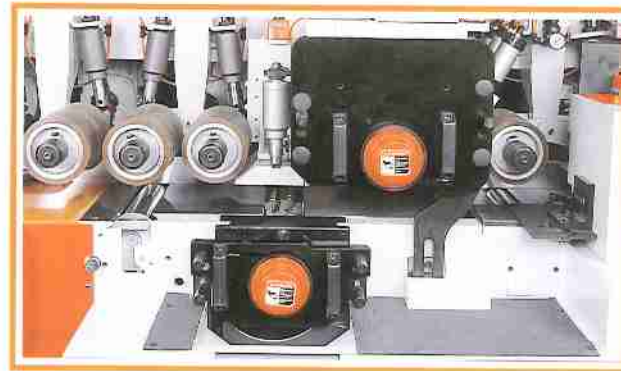
## Lifttable Auxiliary Feed Roller

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



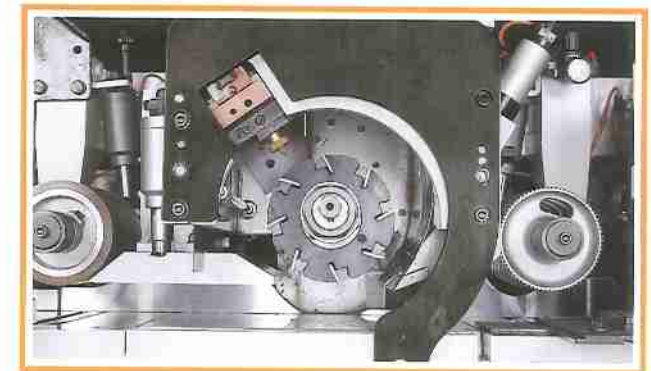
## Side Pressure Wheels for 2nd Spindle

Provides positive feed effect for short and narrow stock by 3 pneumatic controls.



## Clamping System (Opt.)

Utilizing housing bearings, the reliable hydro-clamping system ensures consistent quality across the entire workpiece. The unit performs admirably even during high-speed continuous operation. The spindles can be adjusted axially even if the housing bearings are locked.



## Straight Jointer (Opt.)

The remote-controlled straight jointers provide accurate operation with high repeatability. They help ensure a long service life and super surface quality. (Opt.)

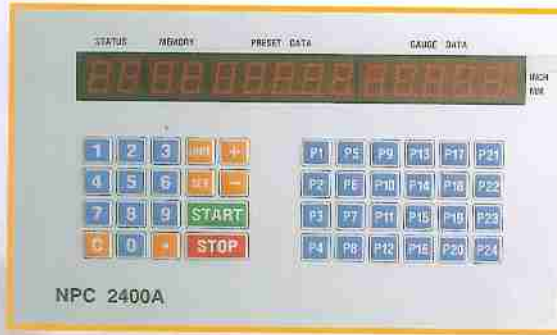
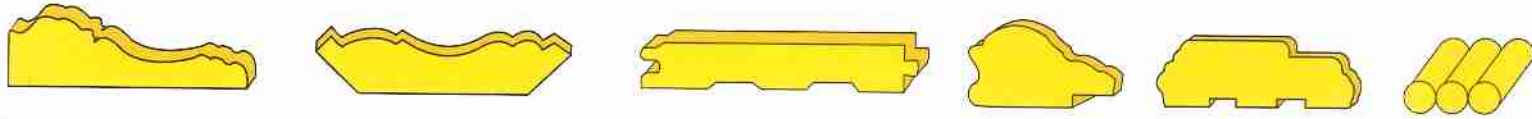
# For All Your Wookworking Applications

Choice of Machine Models - from Hypermac LMC-623 (6-spindle) to LMC-1023 (10-spindle).

## OUTSTANDING FEATURES:

- Faster feed speeds of up to 36 meters a minute are standard.
- Programmable controller provides convenient depth of cut settings.
- Adjustment of each spindle can be easily performed using the front adjustment level.
- Exclusive, separate adjustment of the vertical spindles and the feeding table allows the feeding table to be positioned extremely close to the cutterhead to provide added cutting stability.
- The full safety enclosure serves as a chip guard and helps to reduce noise.
- Each spindle is driven by an individual motor for powerful drilling and easy control.
- Pneumatic pressure of the feed rollers can be easily set to provide an outstanding feeding effect.
- Table surface is hard-chrome plated for maximum wear resistance.
- All manually adjusted turning parts are housed in dry bearings for oil-free lubrication.
- Automatic lubricator is provided to supply oil to the running parts.
- One-piece, cast iron or steel welding machine frame is specially heat treated for maximum stability and rigidity by standard configuration.
- Powered elevation of left vertical spindle provides convenient adjustment.

# A Wide Range of Spindle Configurations

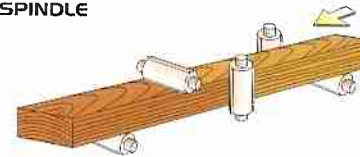


## PROGRAM SYSTEM (Optional)

The program computer system allows for the programming and storing of 24 sets of dimensions. When the desired dimensions are entered, the left and top spindles automatically move to the corresponding position. This system eliminates the need for trial runs.

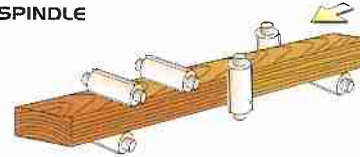
**LMC-523**

5-SPINDLE



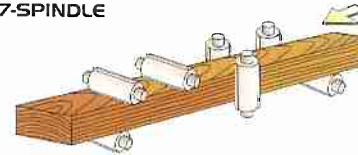
**LMC-623**

6-SPINDLE



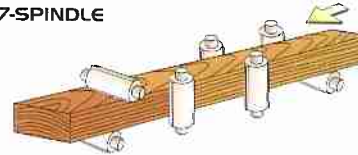
**LMC-723**

7-SPINDLE



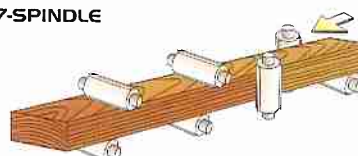
**LMC-723**

7-SPINDLE



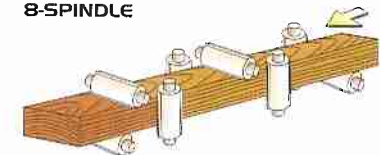
**LMC-723**

7-SPINDLE



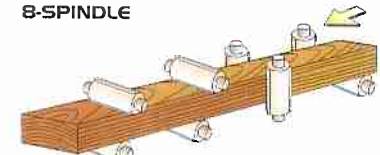
**LMC-823**

8-SPINDLE



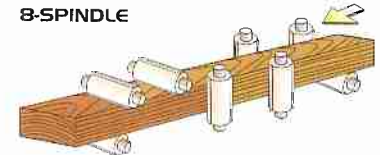
**LMC-823**

8-SPINDLE



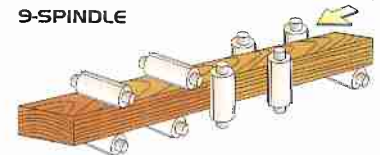
**LMC-823**

8-SPINDLE



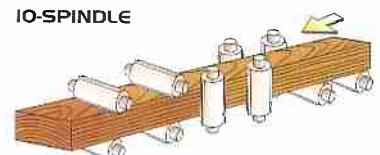
**LMC-923**

9-SPINDLE



**LMC-1023**

10-SPINDLE



## STANDARD EQUIPMENT:

■ Working width (at a tool cutting circle of 125mm)	15-230mm(.59"-9.1")	■ Mechanical digital readouts for the pressure shoes & hold-down unit	
■ Working height (at a tool cutting circle of 125mm)	10-150mm(.39"-6")	■ Full sound and safety enclosure	
■ Number of spindles, min-max	6-10	■ Motorized vertical adjustment of feed	
■ Basic motor capacity per spindle	11 KW / 15HP	■ Lateral pressure roller opposite first right spindle	
■ Basic motor capacity of feed	5.5 KW / 7.5HP	■ Chainless cardan feed system	
■ Spindle speed	6000 RPM	■ Universal spindle, tool cutting circle min 100mm, max 200mm	
■ Spindle diameter	40mm	■ Program system provides faster setting.	
■ Tool cutting circle, first bottom spindle, min-max	125-180mm(4.9"-7.1")	■ Diameter of dust hood for vertical spindle	Ø150mm(5.9")
■ Tool cutting circle, vertical spindles, left, min-max	112-232mm(4.4"-9.1")	■ Diameter of dust hood for horizontal spindle	Ø150mm(5.9")
■ Tool cutting circle, vertical spindles, right, min-max	112-232mm(4.4"-9.1")		
■ Tool cutting circle, horizontal spindles, top, min-max	100-225mm(3.9"-8.8")		
■ Tool cutting circle, horizontal spindles, bottom, min-max	100-225mm(3.9"-8.8")		
■ Feed motor	7.5HP		
■ Feed speed, infinitely variable by frequency driven motor	6-36 m/min(19.5-117 fpm)		
■ Feed roller diameter	140mm		
■ Feed roller width	2 x 50mm		
■ Pneumatic pressure for feed rollers, max	6 bar (87psi)		
■ Adjustment range for infeed table and edge-jointing fence	10mm(.4")		
■ Adjustment range of vertical spindles (axial)	80mm(3.2")		
■ Adjustment range of horizontal spindles (axial)	20mm(.79")		
■ Length of the straightening table	2m(78.7")		

## OPTIONAL EQUIPMENT:

- Groove guide for short, twisted and untrimmed material
- Setting and measuring devices
- Increased R.P.M. - up to 8,000
- Increased horsepower
- Moulding width up to 260 mm is available
- CE specifications
- Increased motor horsepower available.



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