

## SMARTMAC series Unjointed Moulders

- 2 to 5 heads and 7" (180mm) & 9" (230mm) widths
- One piece cast iron or steel machine frame specially heat treated & stress relieved
- 1-1/2" (40mm) or 1-13/16" (50mm) diameter spindles standard
- SKF ABEC 6 precision spindle bearings throughout (4 per spindle)
- Each spindle is driven by an individual motor except side heads share 1 motor
- Tables are hard chrome plated
- Top rolls variable pneumatic tensioned
- Full cardan shaft drive with feed speeds up to 80 FPM
- Full width bottom driven bedrolls (infeed & outfeed)
- Pneumatic tension top chipbreakers & roll holdovers - optional



- Easy head adjustment by mechanical digital readouts
- Dual digital readout available for radial setting (NS & Tops)
- Universal head optional
- Safety enclosure serves as chip guard and greatly reduces noise

## COMPACT series Unjointed Moulders



- 4 to 9 heads - 7" (180mm), 9" (230mm), 10.2" (260mm), 12" (305mm) & 13" (330mm) widths; 6" (152mm) to 10" (254mm) thickness
- One piece cast iron or steel machine frame specially heat treated & stress relieved
- 1-1/2" (40mm), 1-13/16" (50mm) diameter spindles standard
- SKF ABEC 6 precision spindle bearings throughout (4 per spindle)
- 6000, 7200 RPM optional
- Each spindle is driven by individual motors
- Tables are hard chrome plated
- Full cardan shaft drive with feed speeds up to 82 FPM
- Top rolls variable pneumatic tensioned
- Full width bottom driven bedrolls
- Pneumatic tension to chipbreakers & roll holdovers
- Easy head adjustment by mechanical digital readouts

- Dual digital readout available for radial setting (NS & Tops)
- REC-705B Quik-TrueSet Networks optional
- Universal head or rip section optional
- Safety enclosure serves as chip guard and greatly reduced noise

## PLATINUM series Unjointed Moulders High Speed Spindles

- 4 to 9 heads & 9" (230mm), 10.2" (260mm) & 12" (305mm) widths; 6" (152mm), 8" (203mm) or 10" (254mm) thickness
- One piece machine frame specially heat treated & stress relieved
- Tables are hard chrome plated
- 1-1/2" (40mm), 1-13/16" (50mm) or 2-1/8" (54mm) spindles
- RHP ABEC 7 precision spindle bearings throughout (4 per spindle)
- 7200 or 8000 RPM spindle speeds
- Hydro-Loc outboards - optional (on wider machines)
- Pneumatic tension to chipbreakers & roll holdovers
- Top rolls variable pneumatic pressure
- Full width bottom driven bedrolls (infeed, outfeed & midfeed)



- Full cardan shaft drive, VFD & feed speeds to 120 FPM
- Dual digital readout for radial setting (NS&Tops)
- REC 705B Quik-TrueSet Networks optional
- Universal head and/or rip saw section optional
- Safety enclosure serves as chip guard and greatly reduces noise

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

## PLANERMAC series Heavy-Duty Unjointed & Jointed Moulders

- 4 to 9 heads and 18" (460mm) & 24" (610mm) widths
- 6" (152mm), 8" (203mm), 10" (254mm), 12" (305mm) & 14" (356mm) thickness capacities
- One piece machine frame specially heat treated & stress relieved
- 50mm, 1-13/16", 40mm or 2-1/8" spindles
- SKF ABEC 6 precision spindle bearings throughout (4 per spindle)
- 5500 RPM spindle speed
- With Hydro-Loc, outboards on horizontals
- Straight and/or profile jointers throughout - optional
- Full cardan shaft drive, VFD & feed speeds to 80 or 120 FPM - optional
- Tables are hard chrome plated



- Quick electronic setup - standard
- REC 705B Quik-TrueSet electronic networks for top heads and near side head - standard equipment
- Universal head and/or rip saw section optional
- Safety enclosure serves as chip guard and greatly reduces noise

## HYPERMAC series Heavy-Duty Unjointed & Jointed Moulders

- 9" (230mm), 10.2" (260mm), 12" (305mm) & 13" (330mm) widths; 6" (152mm), 8" (203mm) or 10" (254mm) thickness; 2 to 10 heads
- 1 piece machine frame specially heat treated & stress relieved
- 50mm, 1-13/16", 40mm or 2-1/8" spindles
- 6000, 7200 or 8000 RPM spindle speeds
- RHP ABEC 7 precision spindle bearings throughout (4 per spindle)
- With or without Hydro-Loc outboards on on on horizontals
- Straight and/or profile jointers throughout - optional
- Top rolls - variable pneumatic tension
- Powered full width bottom rolls throughout
- Full cardan shaft drive, VFD & feed speeds to 120 FPM (150 to 200 FPM - opt.)
- Tables are hard chrome plated



- Quick electronic setup - standard. REC-705B Quik-True set electronic networks for top heads and near side head - standard equipment
- Universal head and/or rip saw section optional
- New touch screen control - memory & fastest setup - optional (tied to grinding room measuring station, if desired). Also includes dual digital position readouts at each head position for fastest setup

## SPEEDMAC series Heavy-Duty Jointed Moulders

- 9" (230mm) and 10.2" (260mm) widths; 6" (152mm), 8" (203mm) or 10" (254mm) thickness; 4 to 10 heads
- 1 piece machine frame specially heat treated & stress relieved
- 1-13/16", 50mm or 2-1/8" spindles
- 6000 or 7200 RPM spindle speeds
- RHP ABEC 7 precision spindle bearings throughout (4 per spindle)
- Hydro-Loc outboards on all horizontals
- Top rolls variable pneumatic tension
- Full width bottom driven bedrolls - throughout
- Straight and/or profile jointers throughout
- Full cardan shaft drive, VFD & feed speeds to 200, 265 or 300 FPM
- Tables are hard chrome plated
- Quick electronic setup - standard. REC-705B Quik-True set electronic networks for top heads and near side head - standard equipment



- Universal head and/or rip saw section optional
- New touch screen control - memory & fastest setup - optional (tied to grinding room measuring station, if desired). Also includes dual digital position readouts at each head position for fastest setup

## MAXIMAC series Heavy-Duty Unjointed & Jointed Moulders

- 12" (305mm) or 13" (330mm) widths; 6" (152mm), 8" (203mm) or 10" (254mm) thickness; 2 to 10 heads
- 1 piece machine frame specially heat treated & stress relieved
- 50mm, 1-13/16", 40mm or 2-1/8" spindles
- RHP ABEC 7 precision spindle bearings throughout (4 per spindle)- standard
- 6000, 7200 or 8000 RPM spindle speeds
- With or without Hydro-Loc outboards on horizontals
- Top rolls variable pneumatic tension
- Full width bottom driven bedrolls - throughout
- Straight and/or profile jointers throughout - optional
- Full cardan shaft drive, VFD & feed speeds to 160, 200, 265 or 300 FPM
- Tables are hard chrome plated



- Quick electronic setup - standard. REC-705B Quik-True set electronic networks for top heads and near side head - Standard equipment
- Universal head and/or rip saw section optional
- New touch screen control - memory & fastest setup - optional (tied to grinding room measuring station, if desired)
- Also includes dual digital position readouts at each head position for fastest setup

## THUNDERMAC series High Speed Jointed Moulders

- 9" (230mm), 12" (305mm) & 13" (330mm) widths; 6" (152mm), 8" (203mm) thickness; 4 to 10 heads
- 1 piece machine frame specially heat treated & stress relieved
- 1-13/16", (50mm) or 2-1/8" (54mm) spindles
- 6000, 7200 or 8000 RPM spindle speeds
- RHP ABEC 7 precision spindle bearings throughout (4 per spindle)
- Hydro-Loc outboards on all horizontals
- Straight and/or profile jointers throughout
- Top rolls variable pneumatic tension
- Full width bottom driven bedrolls
- Full cardan shaft drive, VFD & feed speeds up to 400, 500 or 600 FPM (Thundermac+ to 800 or 1000 FPM)
- Tables are hard chrome plated



- Quick electronic setup. REC-705B Quik-True set electronic networks for top heads and near side head - Standard equipment
- Dual digital readout for radial setting
- Universal head and/or rip saw section optional
- New touch screen control - memory & fastest setup - optional (tied to grinding room measuring station, if desired)
- Also includes dual digital position readouts at each head position for fastest setup

## SUPER THUNDERMAC series Highest Speed Jointed Moulders

- Working width (with a head cutting circle of 140mm) 30-300mm
- Working thickness (with a head cutting circle of 163mm) 20-150mm
- 5 to 10 Spindles
- Feed speed, infinitely variable by frequency driven motor 20-200m/min (26-260 fpm)
- 1 piece machine frame specially heat treated & stress relieved
- 1-13/16", (50mm) or 2-3/8" (60mm) spindles
- 6000 RPM spindle speeds
- RHP ABEC 7 precision spindle bearings throughout (4 per spindle)
- Hydro-Loc outboards on all horizontals
- Straight and/or profile jointers throughout
- Top rolls variable pneumatic tension
- Full width bottom driven bedrolls
- Full cardan shaft drive, VFD & feed speeds up to 800 or 1000 FPM (OPT.)
- Tables are hard chrome plated



- Quik-True set electronic networks for top heads and near side head - standard equipment
- 17" LCD colorful touch-sensing screen control - memory & fastest setup
- Rip saw section optional
- Also includes PC dual digital position readouts at each head position for fastest setup

## GRINDERMAC series G320A

- Cutter rotation is automatically controlled by PLC for high accuracy.
- Grinding head movement is automatically controlled by PLC, ensuring high grinding accuracy.
- Humanified touch-sensing screen allows for convenient operation.
- Multiple micro-switches protection upgrades operational safety.
- Hydraulic system controls the slide movement rightward / leftward, featuring maximum stability.
- Automatic or manual movement of slide is quick to change.
- The entire machine is thoroughly protected by safety guards to achieve higher safety.
- Fast cutterhead change saves considerable time while upgrading efficiency.
- The control panel offers simple setting of tool parameters that saves cutter setting time.
- Movable working light for added convenience.
- Max. length of Cutterhead: Conventional cutterhead (by nut locking): 12.6" (320mm)
- Hydraulic cutterhead (by hydraulic bushing locking): 12.6" (320mm)
- Max. diameter of cutter: 12.6" (320mm)
- Min. diameter of cutter: 5" (125mm)
- Max. knife numbers: 32



## G320P

- For profile knives.
- Allows for grinding a cutterhead with 2, 4, 6, 8 or more knives. The ground cutterhead can be directly mounted on the machine without need of further adjustment of knives.
- Speed change control: Available to equip with speed control for adjusting grinding wheel speed suitable for various types of knives.
- Rotary type tracing rod assembly: Choice of various shapes of tracing rod to suit complicated knife profile.
- Curve shaped slide: When changing grinding angle, it is not necessary to dress the grinding wheel to return to dressing reference and adjust gap of tool rest. When the grinding wheel diameter decreases, it is convenient to adjust the gap of tool rest.
- Grinding wheel dresser: Provide fast dressing of grinding wheel to a shape complying with that of the tracing rod. Also suitable for correcting wear of the grinding wheel. When the grinding wheel diameter decreases, no additional calibration is required.
- Tiltign grinding reset device: It allows for accurate and fast positioning after tilting grinding has been performed.
- Grinding wheel clamp & micrometric adjustment of wheel arbor: Provide fast adjustment of grinding wheel to keep it at the original dressing position.
- Tiltign grinding reset device: It allows for accurate and fast positioning after tilting grinding has been performed.
- Max. length of cutterhead: Using locking collars: 12.6" (320mm), Hydro locking block: 13.4" (340mm), Solid profile: 9.6" (245mm)
- Max. cutting circle: Profile grinding: 13.8" (350mm), Straight knife: 11.8" (300mm), Solid profile: 11.8" (300mm)
- Min. cutting circle: All type: 2.75" (70mm)
- Max. depth of profile: 1.57" (40mm)

## G320P5

- For profile and straight knives.
- Allows for grinding a cutterhead with 2, 4, 6, 8 or more knives. The ground cutterhead can be directly mounted on the machine without need of further adjustment of knives.
- Speed change control: Available to equip with speed control for adjusting grinding wheel speed suitable for various types of knives.
- Rotary type tracing rod assembly: Choice of various shapes of tracing rod to suit complicated knife profile.
- Curve shaped slide: When changing grinding angle, it is not necessary to dress the grinding wheel to return to dressing reference and adjust gap of tool rest. When the grinding wheel diameter decreases, it is convenient to adjust the gap of tool rest.
- Grinding wheel dresser: Provide fast dressing of grinding wheel to a shape complying with that of the tracing rod. Also suitable for correcting wear of the grinding wheel. When the grinding wheel diameter decreases, no additional calibration is required.
- Tiltign grinding reset device: It allows for accurate and fast positioning after tilting grinding has been performed.
- Two machines in one: This machine is also capable of grinding various straight knives. Easy to convert without need of changing any part.
- Optional powered adjustment: This function eliminates manual adjustment for added convenience.
- Max. length of cutterhead: Using locking collars: 12.6" (320mm), Hydro locking block: 13.4" (340mm), Solid profile: 9.6" (245mm)
- Max. cutting circle: Profile grinding: 13.8" (350mm), Straight knife: 11.8" (300mm), Solid profile: 11.8" (300mm)
- Min. cutting circle: All type: 2.75" (70mm)
- Max. depth of profile: 1.57" (40mm)



Tool Image Inspection Device



Tool Calibration Device



Tool Calibration Device

A tool calibration device can be supplied for the convenient and accurate calibration of each cutterhead, thus ensuring perfect cutterhead running.

**35,000 m<sup>2</sup> Modern Manufacturing**

The heart of Leadermac unique manufacturing capacity comes from our world-class manufacturing facilities.

A considerable effort has been invested in establishing a modern production system, which has resulted in greatly increasing production capacity while lowering production costs. To further ensure assembly line efficiency, each technician is trained periodically. Our highly skilled technicians, combined with their fine craftsmanship, are fully responsible for their working quality. The most important characteristics of our technicians on the manufacturing floor are their great attention to detail at each step of the manufacturing process. All these guarantee each 4-side moulder from Leadermac will deliver the maximum dependability of operational performance that you've come to expect.

**Fast parts Support**

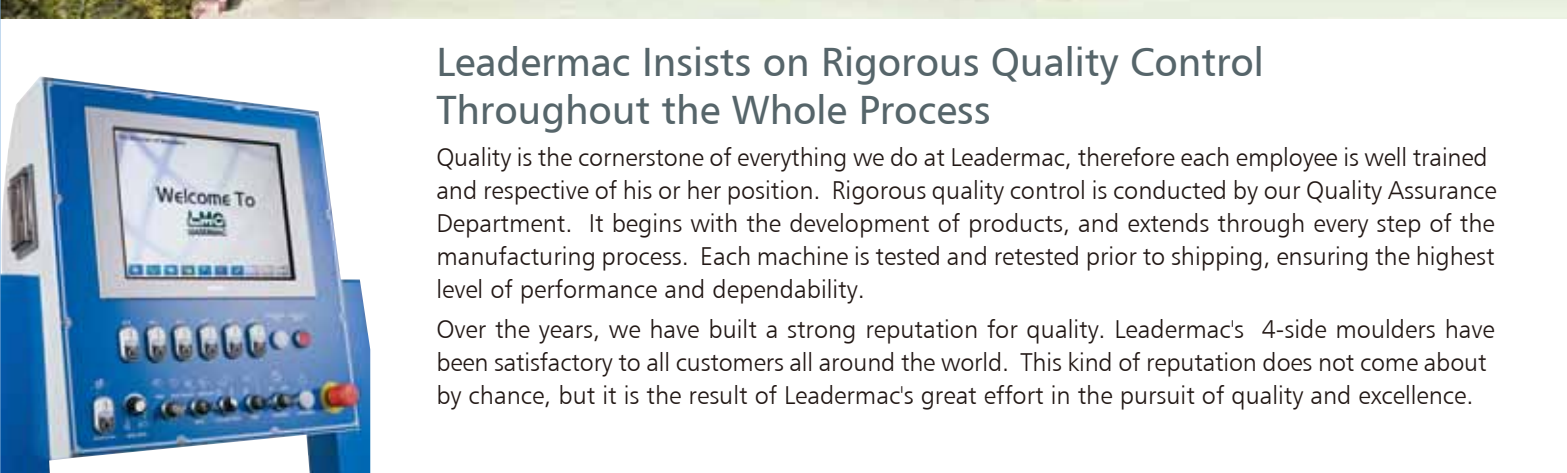
Leadermac's modern warehouse always keeps a complete stock of parts. No matter where customers are located around the world, we make instant deliveries of parts when customers require. Our objective is to reduce machine downtime to a minimum. When a machine leaves our factory, it is not the end of our relationship. We keep concerned about the machine's operation condition at all times. We have a deep understanding that a machine down will result in a deep loss in your production. That is why Leadermac always thoroughly conducts the company policy of prompt service. Service is not just a slogan: it is Leadermac.




**Leadermac Insists on Rigorous Quality Control Throughout the Whole Process**

Quality is the cornerstone of everything we do at Leadermac, therefore each employee is well trained and respective of his or her position. Rigorous quality control is conducted by our Quality Assurance Department. It begins with the development of products, and extends through every step of the manufacturing process. Each machine is tested and retested prior to shipping, ensuring the highest level of performance and dependability.

Over the years, we have built a strong reputation for quality. Leadermac's 4-side moulders have been satisfactory to all customers all around the world. This kind of reputation does not come about by chance, but it is the result of Leadermac's great effort in the pursuit of quality and excellence.



**Extensive Sales Net Around the Globe**

40 years ago, Taiwan was like an economic child - quite poor and under-developed.



- AKHURST MACHINERY LIMITED / Canada
- ARISTIZABAL Y JINETE S.A.S. / Colombia
- AMAB-MS DIS / France
- BROTHER WOOD MACHINERY CO / Korea
- BONUS INTERNATIONAL CO.,LTD. / Thailand
- CMC WOODWORKING MACHINERY SUPPLIES / South Africa
- COMERCIAL CECILIO, S.A. / Spain
- DAN EN GROS MASKINCENTER AS / Denmark
- DIOS LTD / Ukraine
- ESMERIL TECNICA S.A.C / Peru
- EGYPTIAN ENGINEERING AGENCIES / Egypt
- FERROSTAL CHILE S.A.C / Chile
- FELIMAR SRL / Bolivia
- GLOBAL EDGE / Russia
- GORALI IMPORT MACHINE LTD. / Israel
- HANDL MASCHINEN GESMBH & CO KG / Austria
- ITALPRESSE ENGINEERING SPA / Bulgaria
- ITALPRESSE ENGINEERING SPA / Hungary
- ITALPRESSE ENGINEERING SPA / Italy
- ITALPRESSE ENGINEERING SPA / Romania
- ITALPRESSE ENGINEERING SPA / Slovakia
- ITALPRESSE ENGINEERING SPA / Yugoslavia
- INTEREX ing. Prokopec, s.r.o. / Czech Republic
- JON STENBERG AB / Sweden
- J.W.VOS B.V / Holland
- J.W.VOS B.V / Germany
- JIANMING WOODWORKING TRADE COMPANY/ China (Beijing)
- KASHIWAGI CO.,LTD / Japan
- LEADERMAC U.S.A. AKHURST MACHINERY INC / America
- LEADERMAC UK LTD / England
- MEXICO S.A.DE C.V. / Mexico
- MAQUINAS Y HERRAMIENTAS DEL GOLFPO SA DE CV / Mexico
- M.S.DIS SARL / France
- MARIJOS-EQUIPAMENTOS INDUSTRIAIS, SA / Portugal
- N.BAYLAR MAKINE TIC. VE SAN.A.S. / Turkey
- N. LAITSOS & CO / Greece
- ODA INSTRUMENTS / Latvia
- PROJECTA BALTI AS / Estonia
- PROJECTA OY / Finland
- PT. ALPHA UTAMA MANDIRI / Indonesia
- RYBELL SALES BVBA / Belgium
- ROGIER VANPOUCKE / Belgium
- SOUTHERN CROSS ENGINEERING LTD / Australia (Eastern Australia)
- SOUTHERN CROSS ENGINEERING LTD / New Zealand
- STHIL S.A. / Argentina
- STI TECHNOLOGY LTDA. / Brazil
- STIPAS UAB / Lithuania
- SYARIKAT PETALING CORPORATION SDN BHD / Malaysia
- SHANGAI ZHUYUAN MACHINERY CO.,LTD. / China (Shang Hai)
- LEADERMAC POLSKA LTD / Poland
- VELA AS / Norway
- VETTA CO., LTD / Vietnam
- WOODTECH CONSULTANTS PVT.LTD / India

**LMG LEADERMAC**

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**LMG LEADERMAC**  
The Moulder of Moulders

*Leadership Through Performance and Reliability*

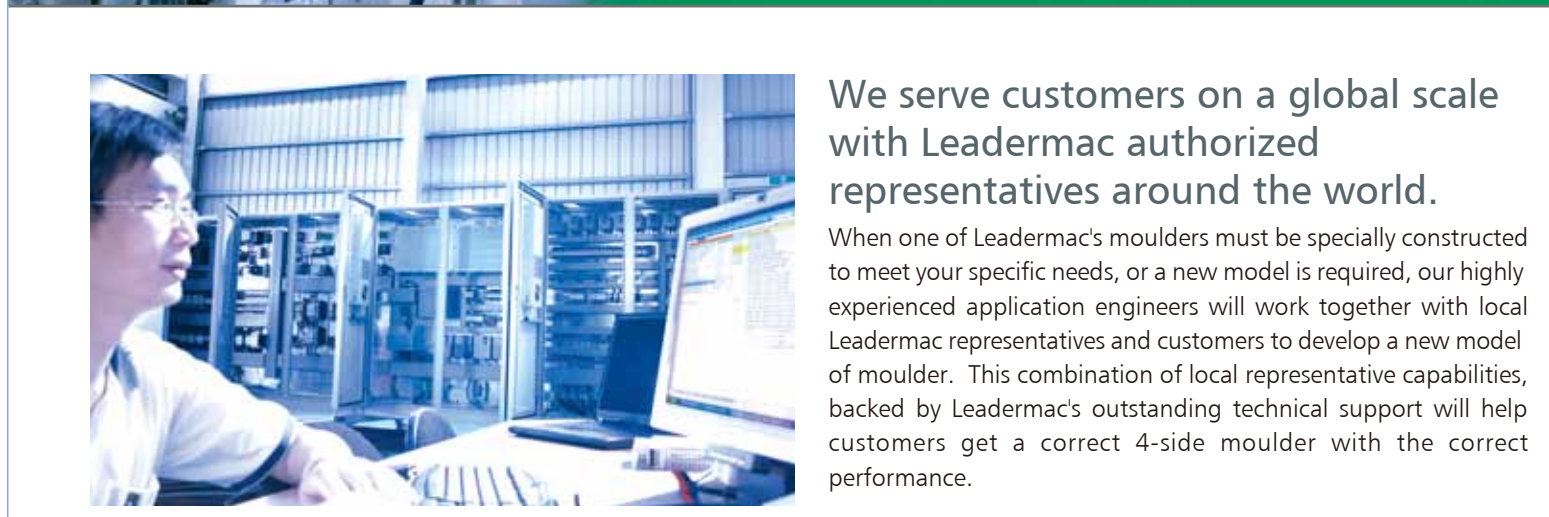
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**Innovation for Today and the Future**



**We serve customers on a global scale with Leadermac authorized representatives around the world.**

When one of Leadermac's moulders must be specially constructed to meet your specific needs, or a new model is required, our highly experienced application engineers will work together with local Leadermac representatives and customers to develop a new model of moulder. This combination of local representative capabilities, backed by Leadermac's outstanding technical support will help customers get a correct 4-side moulder with the correct performance.



**A World-class 4-side Moulder Manufacturer**

Forty years ago, when Leadermac started designing and manufacturing 4-side moulders, our commitment was to offer the best possible machines to help customers stay competitive. Through years of effort, Leadermac has grown steadily to become a world-class 4-side moulder manufacturer with products sold to over 60 countries around the world. Over the years, Leadermac has grown in size, business and reputation, but our insistence on providing the best possible machines for our customers has never changed. Looking towards the future, we will strive hard to achieve our strategic target and meet new challenges.

