

# 600 SERIES

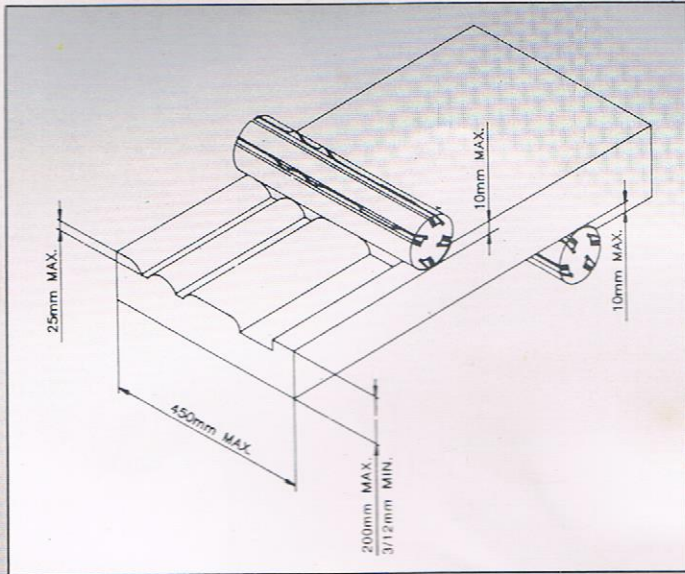
PLANERS, PLANER/MOLDERS & PLANER/RIPSAWS



**Auburn**  
**PINHEIRO**

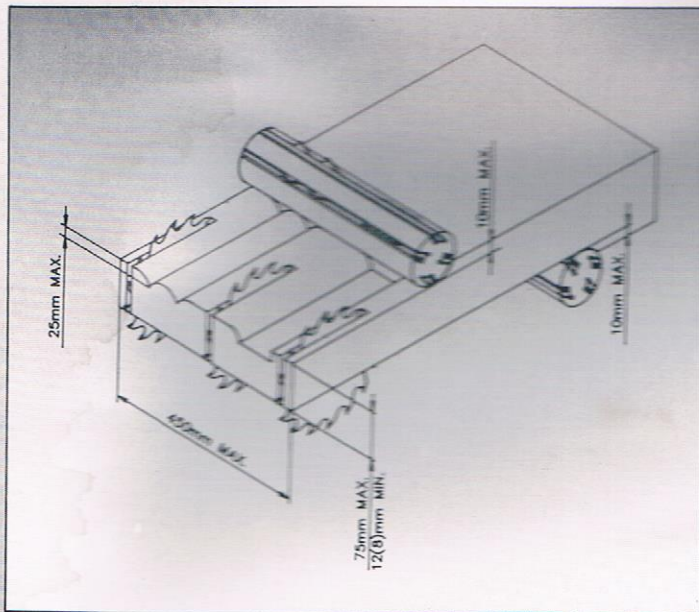


# 600/2 DOUBLE SURFACER



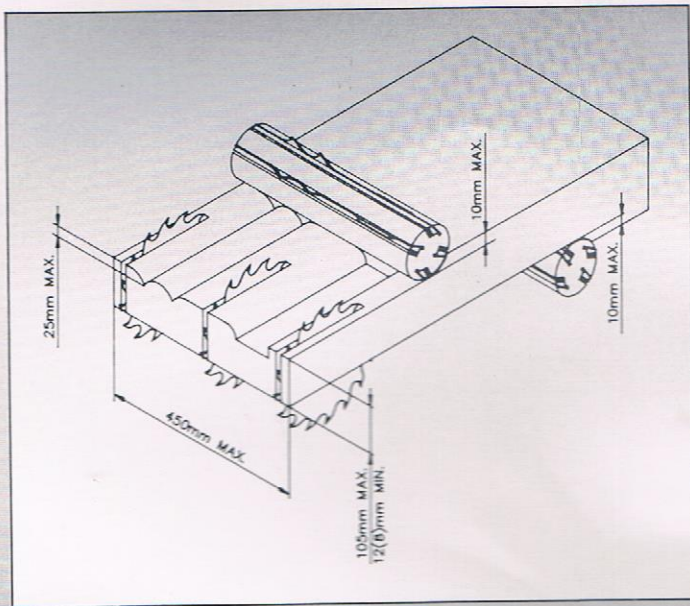
This basic model is rugged, compact, simple and the lowest priced industrial quality double surfacer on the market. The bottom head is in the first position to efficiently handle even wide cupped boards. The gang saw and side head modules can be economically added at anytime in the future to expand this machines capabilities.

# 600/2GS COMBINATION PLANER/RIPSAW



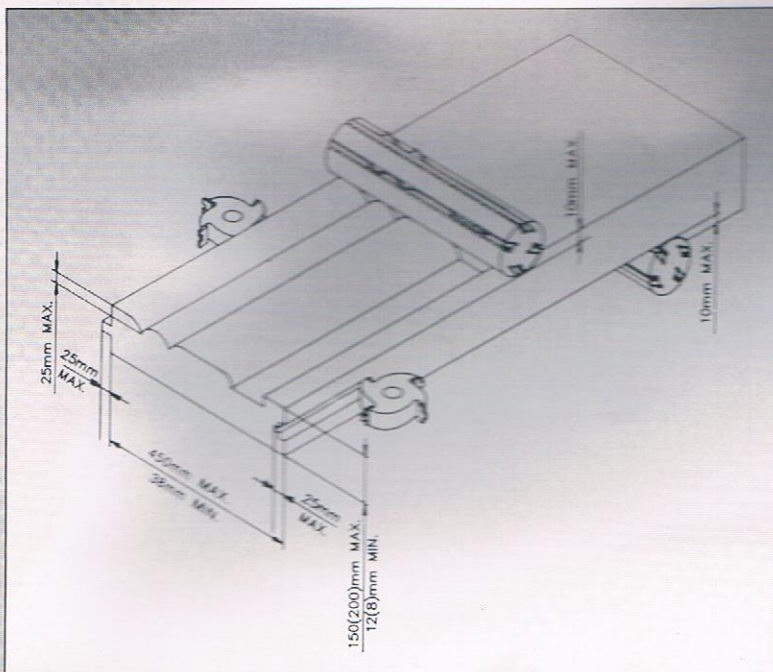
This model offers the ability to single surface, double surface, mold and to plane and rip simultaneously. This is an excellent model to economically produce blanks for flooring, molding, finger jointing and to produce furniture parts, laths, stakes, louvers and much more.

# 600/2GS-HD HEAVY DUTY COMBINATION PLANER/RIPSAW



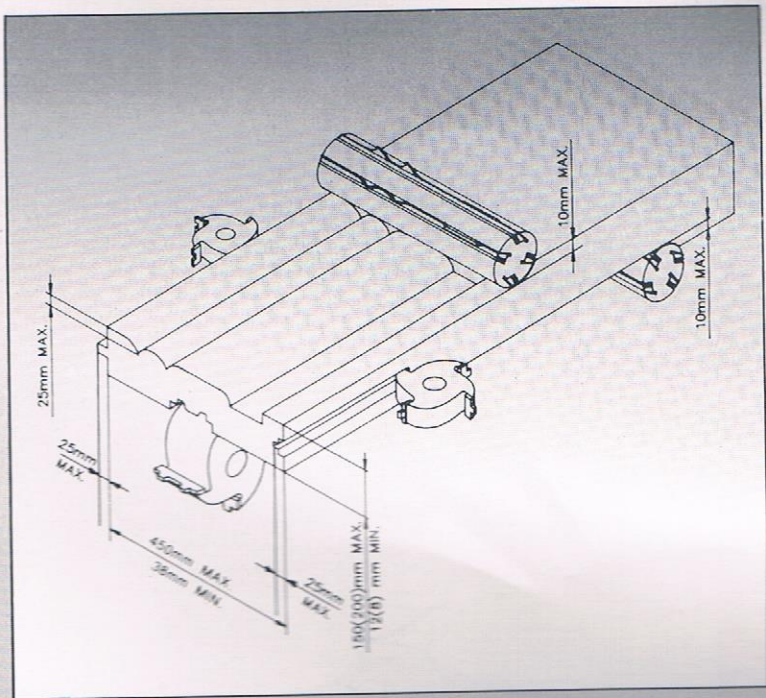
This is a heavier version of the 600/2GS and handles a larger saw motor to rip material up to 4" thick. This model also includes 2 more feed rolls and the ability to add the side head module in the future.

# 600/4 PLANER/MOLDER

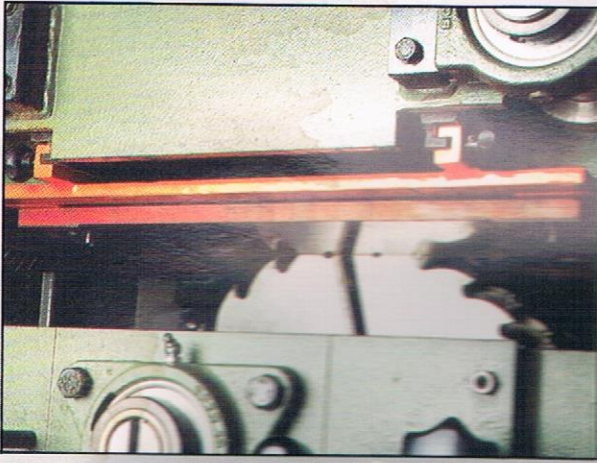


This very versatile machine efficiently handles single, double, three and four side planing, as well as a tremendous range of profiled and molded products. No other machine on the market offers so much simplicity and flexibility for any wheres near the price.

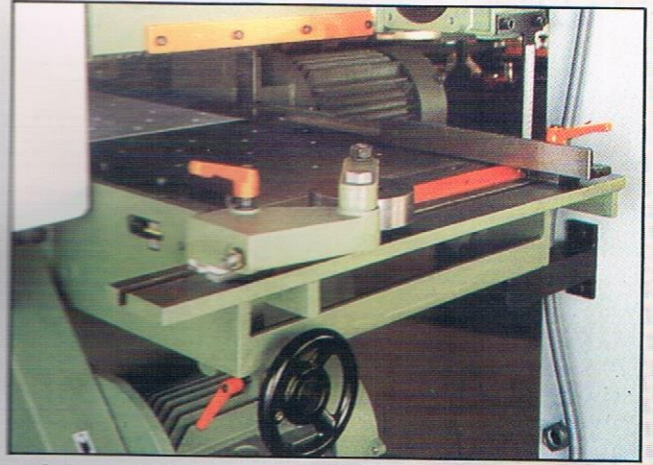
# 600/5 PLANER/MOLDER WITH BOTTOM PROFILE SPINDLE



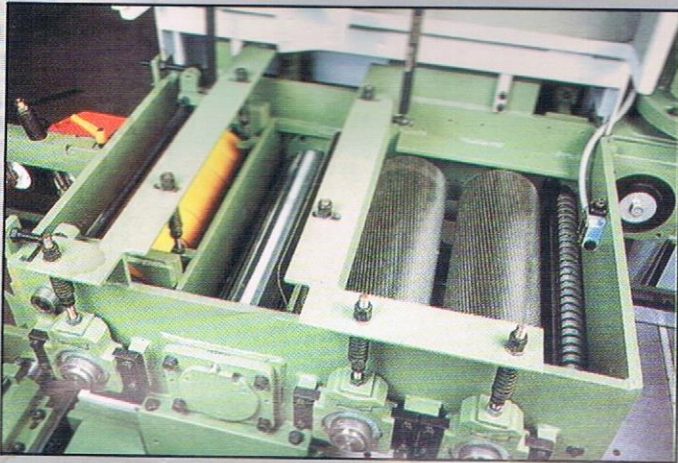
The 600/5 includes an 8" long bottom profile spindle to handle both cutter heads and saw blades. This module adds even more versatility to the 600 series planer/molder, at a very cost effective price.



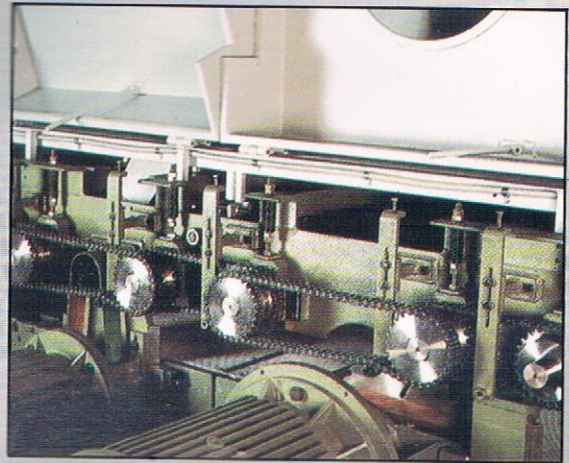
— Holddown plate mounted on 600/2GS model



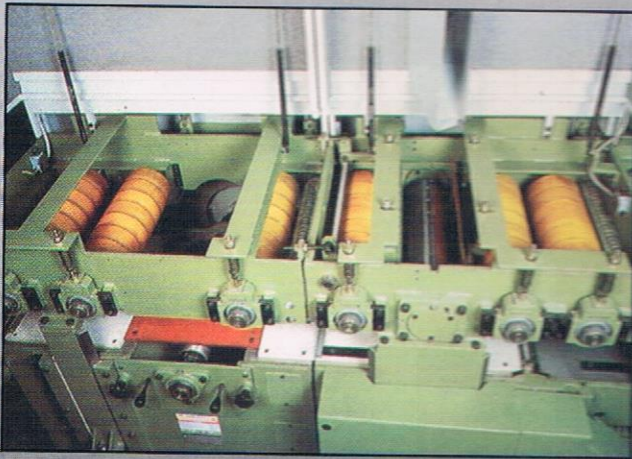
— Adjustable infeed table with left guide roller



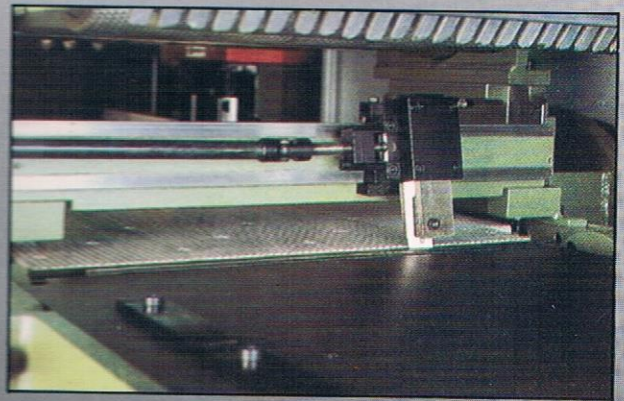
— Top view of feed rolls and top head on 600/4



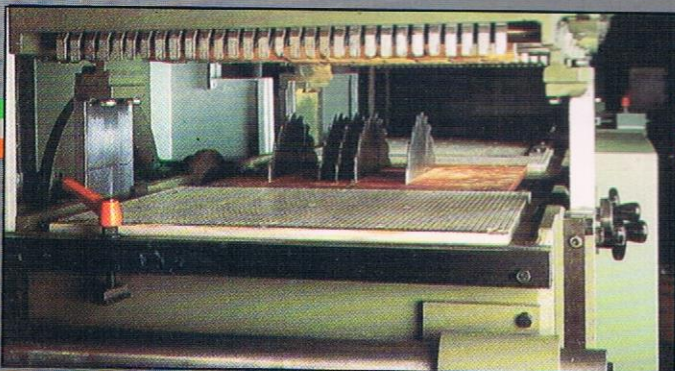
— Feed system on 600/2GS-HD



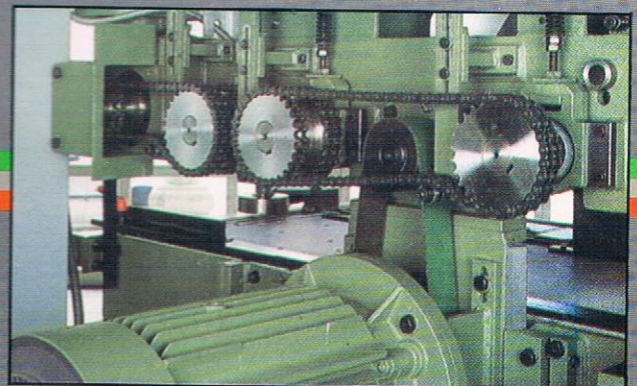
— Top view of feed rolls and cutterhead on 600/2GS-HD



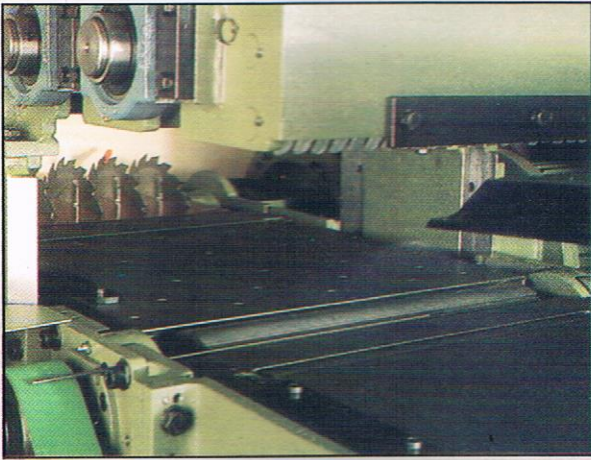
— View of jointer mounted on bottom head



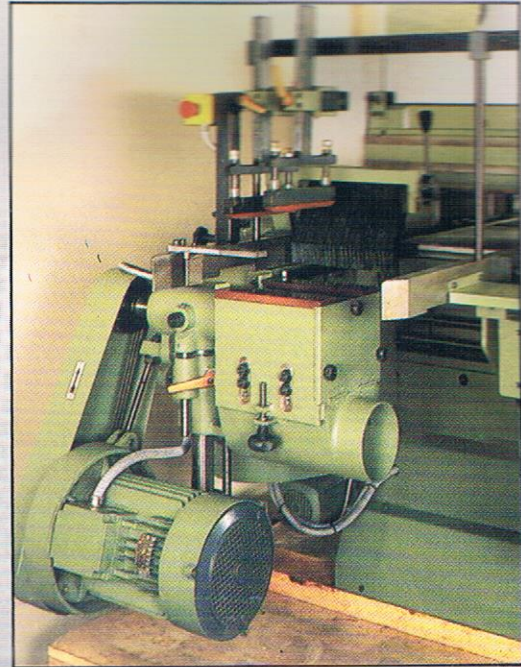
— Outfeed view of 600/2GS with retracted set up arbor



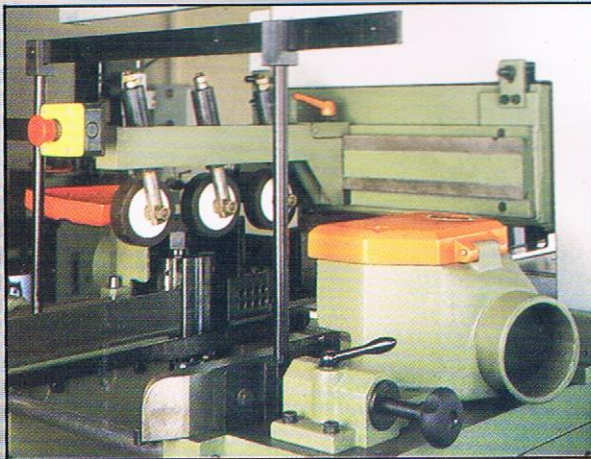
— Complete simple feed system on all machines.



– Infeed view of 600/2GS model



– Bottom profile spindle mounted on 600/5



– Left sidehead and holddown on 600/4



– Control panel for optional vari drive system

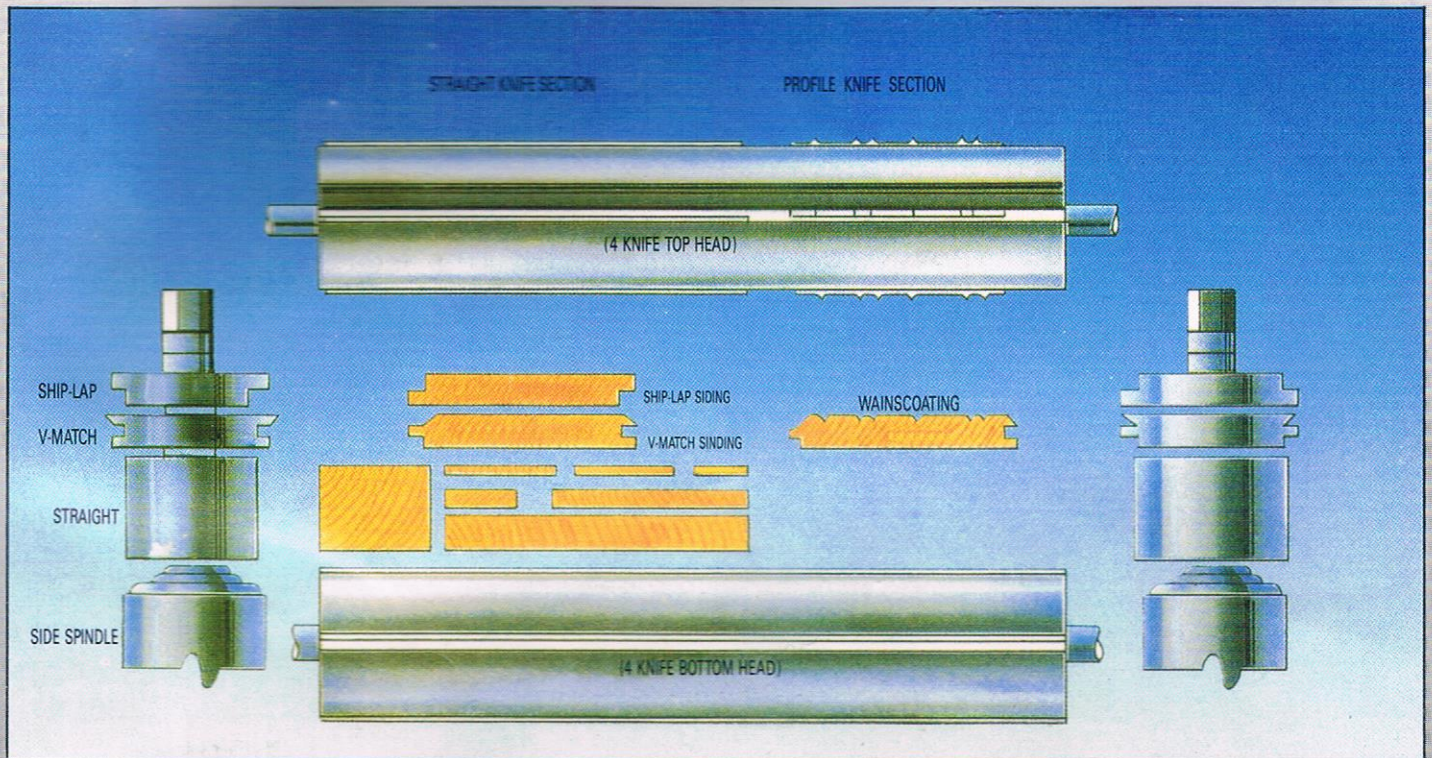


– Control panel and main electrical entrance





## QUICKSET TOOLING CONCEPT



### QUICKSET TOOLING CONCEPT:

Since both side spindles are vertically and horizontally adjustable, numerous straight knife, profile knife, and cutterhead combinations can be STACKED onto each spindle. By simply moving the side spindle up, down, left or right, various planing and profile runs can be QUICKLY SET UP TO PROFITABLY HANDLE SHORT ORDERS. Table and knife wear can be minimized and controlled by simply setting up to run products over different areas of the table.



Auburn  
**PINHEIRO**

| GENERAL SPECIFICATIONS                           | 600 / 2                            | 600 / 2GS                          | 600 / 2GS-HD                       | 600 / 4                            | 600 / 5                            |
|--|------------------------------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|
| Planing width                                    | 450 mm * 18"                       | 450 mm * 18"                       | 450 mm * 18"                       | 38-450mm*11/2"-18"                 | 38-450mm*11/2"-18"                 |
| Planing thickness                                | 3-200 * 1/8"-8"                    | 3-200 mm * 1/8"-8"                 | 3-200 mm * 1/8"-8"                 | 12-150 mm * 1/2"-6"                | 12-150 mm * 1/2"-6"                |
| Planing thickness (optional)                     |                                    |                                    |                                    | 8-200 mm * 5/16"-8"                | 8-200 mm * 5/16"-8"                |
| Sawing width                                     |                                    | 450 mm * 18"                       | 450 mm * 18"                       |                                    | 200 mm * 8"                        |
| Sawing thickness                                 |                                    | 75 mm * 3"                         | 105 mm * 4"                        |                                    | 38 mm * 1 1/2"                     |
| Side spindles vertical adjustment                |                                    |                                    |                                    | 100 mm * 4"                        | 100 mm * 4"                        |
| Max. chip removal - bottom & top head            | 10 mm * 3/8"                       | 10 mm * 3/8"                       | 10 mm * 3/8"                       | 10 mm * 3/8"                       | 10 mm * 3/8"                       |
| Max. chip removal - side heads right             |                                    |                                    |                                    | 20 mm * 3/4"                       | 20 mm * 3/4"                       |
| » » » » » left                                   |                                    |                                    |                                    | 20 mm * 3/4"                       | 20 mm * 3/4"                       |
| Max. profile depth - top head                    | 25 mm * 1"                         | 25 mm * 1"                         | 25 mm * 1"                         | 25 mm * 1"                         | 25 mm * 1"                         |
| Max. profile depth - side heads                  |                                    |                                    |                                    | 25 mm * 1"                         | 25 mm * 1"                         |
| Side heads tooling diameter capacity             |                                    |                                    |                                    | 110-180 mm * 4"-7"                 | 110-180 mm * 4"-7"                 |
| Cutterheads diameter x knives                    | 125x4 * 5"x4                       | 125x4 * 5"x4                       | 125x4 * 5"x4                       | 125x4 * 5"x4                       | 125x4 * 5"x4                       |
| Side spindles diameter                           |                                    |                                    |                                    | 40 mm                              | 40 mm                              |
| Saws diameter                                    |                                    | 200-300mm * 8"-12"                 | 200-350mm * 8"-14"                 |                                    | 130-200mm * 5/8"-8"                |
| Saw arbor diameter                               |                                    | 55 mm                              | 55 mm                              |                                    | 40 mm                              |
| Saw sleeve/saw bore diameter                     |                                    | 70 mm                              | 70 mm                              |                                    | 60 mm                              |
| Saw spacers diameter                             |                                    | 95 mm * 3 5/8"                     | 95 mm * 3 5/8"                     |                                    | 80 mm * 3 1/8"                     |
| Feed speed                                       | 10 & 20 m/min.<br>30 & 60 ft/min.  | 10 & 20 m/min.<br>30 & 60 ft/min.  | 10 & 20 m/min.<br>30 & 60 ft/min.  | 10 & 20 m/min.<br>30 & 60 ft/min.  | 10 & 20 m/min.<br>30 & 60 ft/min.  |
| Feed speed by inverter (optional)                | 6 to 30 m/min.<br>10 to 75 ft/min. | 6 to 30 m/min.<br>10 to 75 ft/min. | 6 to 30 m/min.<br>10 to 75 ft/min. | 6 to 30 m/min.<br>10 to 75 ft/min. | 6 to 30 m/min.<br>10 to 75 ft/min. |
| Horizontal heads speed                           | 6000 rpm                           | 6000 rpm                           | 6000 rpm                           | 6000 rpm                           | 6000 rpm                           |
| Vertical heads speed                             |                                    |                                    |                                    | 5000 rpm                           | 5000 rpm                           |
| Saw arbor speed                                  |                                    | 3600 rpm                           | 3600 rpm                           |                                    | 5000 rpm                           |
| Motor power - bottom head                        | 9 Kw * 12 Hp                       | 9 Kw * 12 Hp                       | 9 Kw * 12 Hp                       | 9 Kw * 12 Hp                       | 9 Kw * 12 Hp                       |
| Motor power - top head                           | 13 Kw * 18 Hp                      | 13 Kw * 18 Hp                      | 13 Kw * 18 Hp                      | 13 Kw * 18 Hp                      | 13 Kw * 18 Hp                      |
| Motor power - side heads (each)                  |                                    |                                    |                                    | 6,6 Kw * 7,5 Hp                    | 6,6 Kw * 9 Hp                      |
| Motor power - saw arbor / 5th spindle            |                                    | 22 Kw * 30 Hp                      | 36 Kw * 48 Hp                      |                                    | 6,6 Kw * 9 Hp                      |
| Motor power - feeding                            | 3/4 Kw * 4/5,5 Hp                  | 3/4 Kw * 4/5,5 Hp                  | 3/4 Kw * 4/5,5 Hp                  | 3/4 Kw * 4/5,5 Hp                  | 3/4 Kw * 4/5,5 Hp                  |
| Motor power - thickness adjustment               | 0,44 Kw * 0,6 Hp                   | 0,44 Kw * 0,6 Hp                   | 0,44 Kw * 0,6 Hp                   | 0,44 Kw * 0,6 Hp                   | 0,44 Kw * 0,6 Hp                   |
| Motor power - bottom head (optional)             | 13 Kw * 18 Hp                      | 13 Kw * 18 Hp                      | 13 Kw * 18 Hp                      | 13 Kw * 18 Hp                      | 13 Kw * 18 Hp                      |
| Motor power - top head (optional)                | 18 Kw * 24 Hp                      | 18 Kw * 24 Hp                      | 18 Kw * 24 Hp                      | 18 Kw * 24 Hp                      | 18 Kw * 24 Hp                      |
| Motor power - side heads (optional)              |                                    |                                    |                                    | 9/13 Kw * 12-18 Hp                 | 9/13 Kw * 12-18 Hp                 |
| Motor power - saw arbor / 5th spindle (optional) |                                    | 22 Kw * 36 Hp                      | 44 Kw * 60 Hp                      |                                    | 9/13 Kw * 12-18 Hp                 |
| Dimensions                                       | M                                  | 1,80 x 1,95 x 1,80                 | 2,30 x 1,95 x 1,80                 | 2,30 x 1,95 x 1,80                 | 2,60 x 1,95 x 1,80                 |
|  | Ft                                 | 6 x 6,4 x 6                        | 7,6 x 6,4 x 6                      | 7,6 x 6,4 x 6                      | 7,6 x 6,4 x 6                      |
| Net weight                                       | Kg * Lbs                           | 1600 * 3532                        | 2250 * 4966                        | 2900 * 6400                        | 2100 * 4635                        |
| Gross weight                                     | Kg * Lbs                           | 1800 * 3974                        | 2500 * 5511                        | 3200 * 7064                        | 2350 * 5187                        |

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

## 600 FEATURES

- COMPLETELY SELF CONTAINED MACHINE WITH ELECTRICAL PANEL
- HEAVY, RUGGED AND COMPACT CNC MACHINED FRAME
- EXTREMELY SIMPLIFIED DESIGN TO MINIMIZE SET UP AND SERVICE COSTS
- ALL MOTORS EXTERNALLY MOUNTED FOR QUICK AND EASY ACCESS
- MOTORS WIRED STAR DELTA TO SIGNIFICANTLY REDUCE OPERATING COSTS
- URETHANE TOP FEED ROLLS AVAILABLE FOR REMAN OPERATIONS
- FIXED MAIN TABLE TO SIMPLIFY CONVEYER SYSTEMS
- MODULAR FRAME SYSTEM TO EXPAND BASIC 600/2 INTO OTHER MODELS
- OVERSIZE CUTTERHEAD BEARINGS TO OFFER FINE FINISH AND DURABILITY
- PROTECTIVE COVERS TO IMPROVE SAFETY AND REDUCE NOISE
- SIMPLE ACCESS TO ALL MACHINE AREAS FOR EASY AND EFFICIENT MAINTENANCE
- OPTIONAL DISPOSABLE KNIFE SYSTEM TO ELIMINATE SET UP AND MAINTENANCE

## 600 ADVANTAGES

- ABSOLUTE LOWEST PRICED INDUSTRIAL QUALITY PLANERS ON THE MARKET
- VERY LOW UP FRONT, OPERATING AND MAINTENANCE COSTS
- QUICK AND EASY TO INSTALL
- MACHINES DESIGNED AROUND MANY "OFF THE SHELF" COMPONENTS
- NUMEROUS OPTIONS AVAILABLE TO CUSTOMIZE MACHINE TO FIT EXACT NEEDS
- LARGE CAPACITY TO OFFER WIDEST RANGE OF PRODUCT CAPABILITIES
- MACHINES ENGINEERED TO HANDLE BOTH ROUGH AND HIGH QUALITY PRODUCTS
- COMPACT IN SIZE REQUIRING MINIMUM FLOOR AREA
- MINIMUM TRAINING REQUIRED FOR BOTH EXPERIENCED AND NEW OPERATORS
- MODULAR DESIGN ALLOWS FOR ADDING MORE SPINDLES WHEN REQUIRED
- BOTTOM JOINTER HEAD TO FACE WIDE CUPPED BOARDS WITHOUT SPLITTING
- MINIMUM SET UP TIME BETWEEN JOBS, OFTEN LESS THEN 10 MINUTES
- FREE TRAINING SESSION AT OUR FACILITY
- EXCELLENT AND WELL ESTABLISHED PARTS AND SERVICE PROGRAMS
- EXTENDED WARRANTY PROGRAMS AVAILABLE

## AMERICA'S PLANER / MOLDER STORE

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