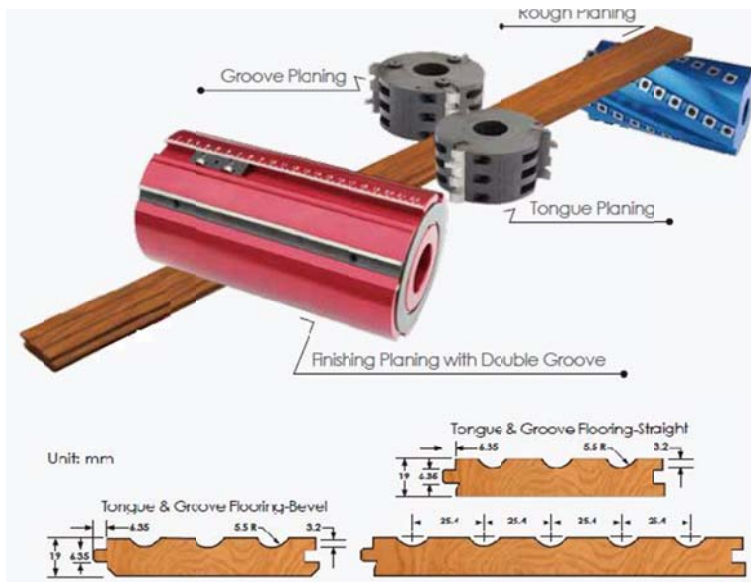


CAM-WOOD

WP-20L-V4 20"x4" Four Side Planer



4-Sided Planer

Or

**Top, Right & Left
Side Moulder**

CAM-WOOD MODEL WP-20-V4 4" X 20" Four-Side Planer

- Designed for furniture, cabinet, flooring, intermittent planing mill work, and other industrial uses. Perfect Planer for S2S and S4S planing, tongue & groove flooring, wall paneling, etc. up to approximately 65 FPM depending on depth of cut and dimension of parts.

Top Horizontal with Slip-On Profile cutter head or Spiral Head

Standard supply includes a Slip-On "HAD" Series Profile / Spiral Cutter head. Profile Knives combined with straight Carbide Inserts 15 x 15 mm x 3 degrees. Max depth of cut 1/2". Standard head, 5" OD x 60 mm bore

Optional HMR Series Spiral/Helical Cutter Head. 5" Diameter, 1/2" max. depth of cut

Bottom Horizontal Helical Spiral Head, Tooling Information.

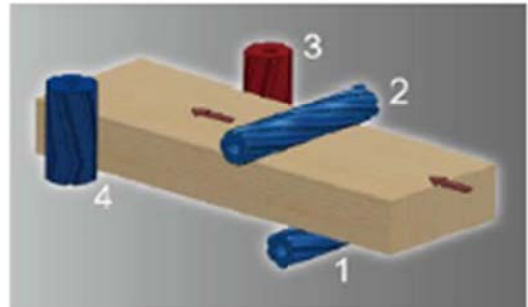
One-piece HMR_Solid Series Spiral/Helical Cutter Head. 5" Diameter, max. 1/2" depth of cut

Vertical with Helical or Profile cutter heads

- Left & Right Sides with MP Series profile heads
- Left & Right Side Profile Heads, 6" to 7" cutting circle
- Max depth of cut 1" with 40mm spindle diameter
- Left & Right-side Heads can be used for profile work with owner provided tooling.

Quality Features = Outstanding Performance

- Simple touch screen with Digital Positioning Controllers for thickness adjustment and feed speed.
- Hard Chrome plated table for long life
- Automatic top spindle – cutter head height adjustments entered via HMI touch screen control with PLC.
- Floating bottom infeed rolls for smooth, positive feeding
- Variable feed speeds by VFD. Controlled from touch screen.
- Heavy-duty spindle assemblies for durability & smooth finishes.
- Overhead assembly travels up/down and positions via touch screen control, Assembly is support by (4) hard chromed, polished posts and precision screws.
- Tables, fences, etc. are precision ground, polished and hard chromed to provide long life and smooth feeding.
- Massive, heavy-duty sheet metal frame for vibration absorbing finishes and extra-long bearing life. Compact construction with exclusive see-through top guard.
- Motor Control Center with under voltage and overload protection. UL and CSA labeled electric components.



Machining Capabilities:

- Width: 3/4" to 20"
- Height: 3/8" to 4" (6" Optional)"
- Length: 20" Minimum, Unlimited Maximum

Motor Sizes and Feed Works:

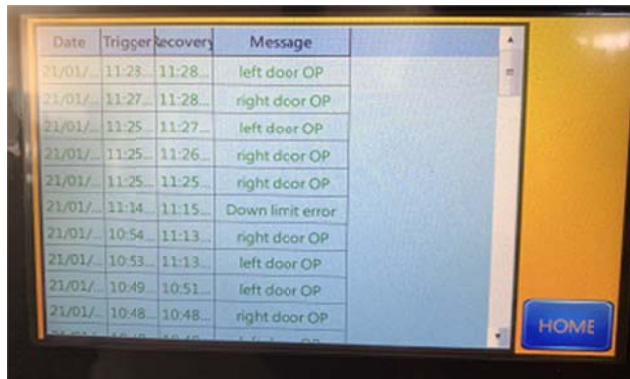
- Top and Bottom Cutter Heads Motors each head: 15 HP, 5,000 RPM
- Right & Left Side Cutter Motors, each spindle: 10 HP, 5,000 RPM
- Variable Feed speeds from 20 to 65 FPM by VFD (Variable Frequency Drive)
- Feed rolls powered by (2) each 2 HP VFD feed motors, (1) motor drives top infeed and (1) Motor drives outfeed feed rolls. Top powered infeed rolls are air cylinder loaded. (4) idle bottom infeed rolls and (4) idle bottom outfeed rolls.

Dust hoods:

- (4) each 5" diameter dust outlets.

Machine Sizes / Dimensions and Weight:

- 76" Length x 52" Width x 71" Height.
- Weight 4920 lbs



Date	Trigger	Recovery	Message
21/01/	11:23	11:28	left door OP
21/01/	11:27	11:28	right door OP
21/01/	11:25	11:27	left door OP
21/01/	11:25	11:26	right door OP
21/01/	11:25	11:25	right door OP
21/01/	11:14	11:15	Down limit error
21/01/	10:54	11:13	right door OP
21/01/	10:53	11:13	left door OP
21/01/	10:49	10:51	left door OP
21/01/	10:48	10:48	right door OP

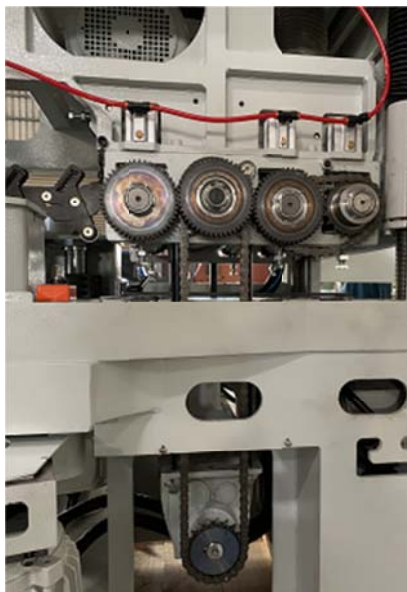


Side Pressure Infeed Roller

Infeed with pneumatic pressure holdover roller; assists wood to align to the right side guide fence upon entering the Planer.

Side Pressure Outfeed Plate

Manual positioned solid outfeed pressure plate ensures maximum stability and finish.



Optional "V" Type Spiral Cutter Head



Floating Top Feed Rolls

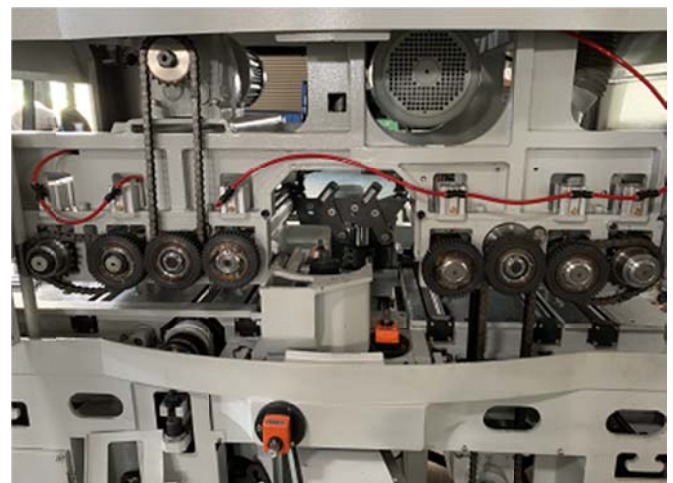
Top infeed and outfeed rolls designed with floating feature for better finishes and smooth feeding of uneven material. Floating rolls travel 1/4" up & down on pneumatic cylinders.



Bottom Head & Insert Knives: Quick & Easy Replacement:

One-piece spindle & cutterhead assembly slides out of the Planer onto the service carriage for ease of servicing bottom head. Makes insert knife rotation or replacement a fast changeover.

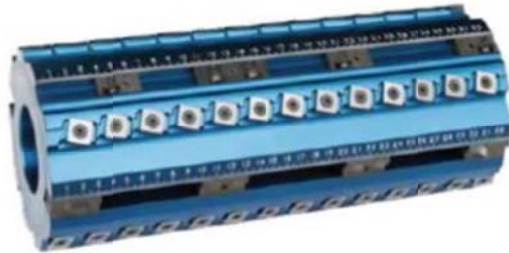
Service carriage for Bottom Cutterhead for insert knife rotation or replacement





Top Cutterhead, Alternate Heads:

- 1-Piece Straight Knife Head: HMR Series, (6) rows 4-sided Carbide Knife Inserts
- Optional Slip-on Profile Head: HAD Series w/4 rows of knives, 5" head dia. x 60mm (approx. 2.36") bore with 1/2" max. profile depth.
- ***Specify head type when ordering.***



HAD Series Helical + Profiling Cutterheads (insert 15 x 15 x 2.5 with 150mm radius)

FEATURES:

- The helical cutterhead in combination with two types of profiling knife slot provide fast and flexible change of tool shape and at low cost.

Solid Profiling Knife

FEATURES:

- Knives for profile depth up to 12mm. Suitable for PA8, PAD, TAB, TAD and HAD cutterheads in TCT.

PART NO.	PROFILE	DESCRIPTION
PKR3		Double Radius Concave Knives R3
PKR6		Double Radius Concave Knives R6
PKR10		Double Radius Concave Knives R10
PKDB		Double Back-out in Knives
PKBV		Double Bevel Knives 45°

Knife Holders and Profiling Inserts

FEATURES:

- Profiling knife for mounting into dovetail slots for cutterheads PAC, PAD, TAC and HAD.

PART NO.	PROFILE	DESCRIPTION
HDDB		Knife Holder for Double Back-out
HD3R-R		Knife Holder for Radius Concave R3 (Right Hand)
HD3R-L		Knife Holder for Radius Concave R3 (Left Hand)
HDV-R		Knife Holder for V-Groove (Right Hand)
HDV-L		Knife Holder for V-Groove (Left Hand)
IND11		Carbide Insert D11 mm
INT12		Carbide Insert 12 x 12 x 1.5 mm
INR3		Carbide Insert Double Radius Concave Knives R3
INT09		Carbide Insert 9 x 9 x 1.5 mm for V-Groove Holder

Bottom Cutterhead:

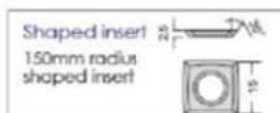
Solid Spiral Head (HMR Series) with (6) rows of 4-sided Carbide Knife Inserts



HMR Series

FEATURES:

- 15x15x2.5xR150 inserts.
- 6 slots are standard design.



Vertical Cutterheads

- Standard Straight Spiral or Optional MP Series Profile Moulding Heads
- 5" head dia. x 40mm (approx. 1.57") Bore.
- 1" Profile depth
- ***Specify head type when ordering.***

MP Series

Multi-Profiling Cutterheads

FEATURES:

- ▣ 3-wing design exhibits higher chip removal rate and maximum durability.
- ▣ Solid carbide knives can be changed quickly without need of assistance of a knife setting gauge.
- ▣ A wide variety of profiles to choose from.
- ▣ Deep profiles are also available.
- ▣ Custom profiled knives are available.
- ▣ 60mm wide minor dia.



PART NO.	CUTTING CIRCLE	CUTTING LENGTH	BORE DIAMETER	PROFILING KNIFE SLOTS
MP12560383	125	60	1-1/2"	3
MP12560403	125	60	40	3
MP12560463	125	60	1-13/16"	3
MP12560503	125	60	50	3



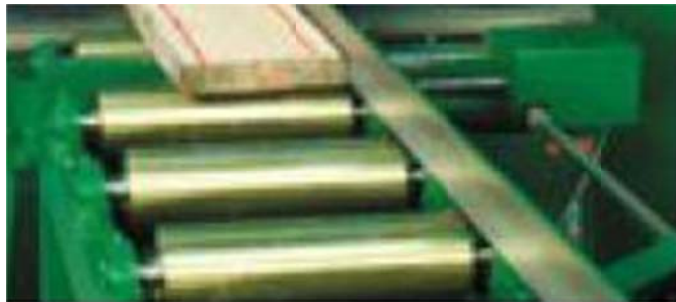
Optional Power Infeed or Out Feed Roller Conveyor



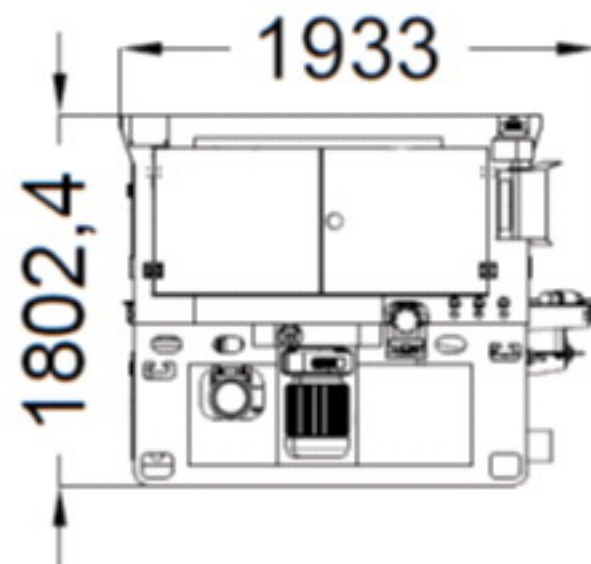
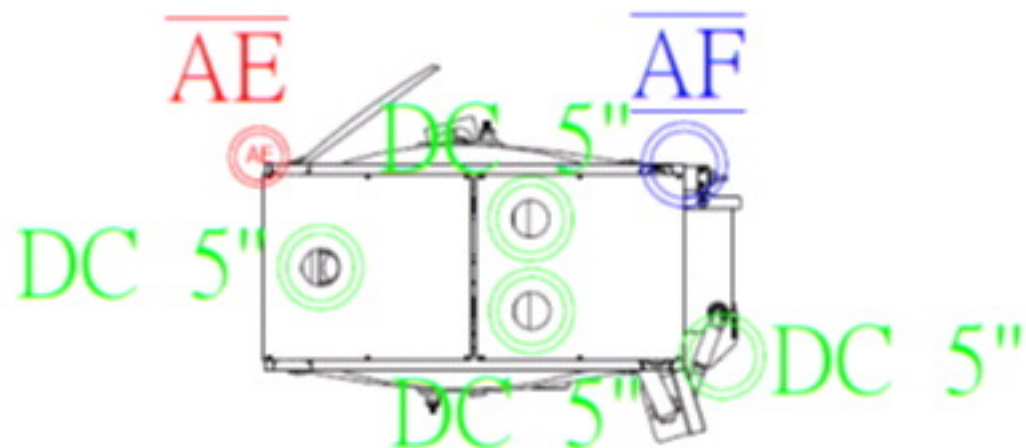
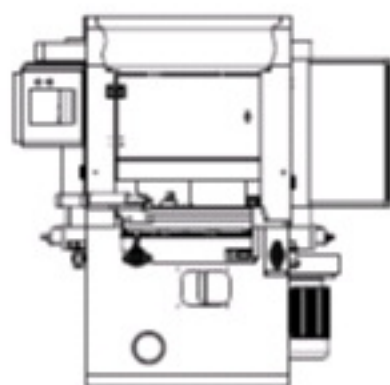
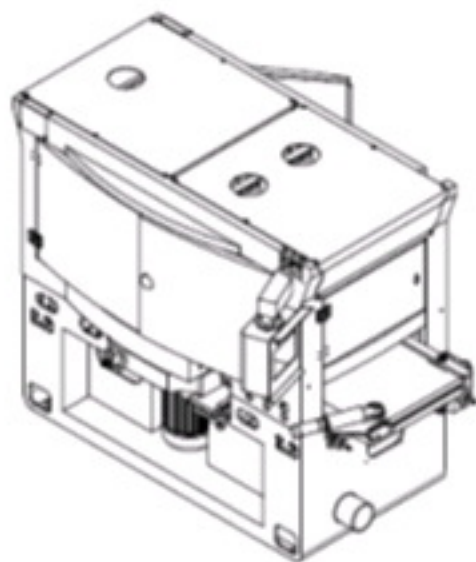
PF-P-25-1500 25" W x 59" L Power Roller Table

PF-P-40-1500 40" W x 59" L Power Roller Table

PF-P-53-1500 53" W x 59" L Power Roller Table



PF-SDAL Power Side Aligner Fence



CAM-WOOD

Ratify:

Date:

Design: Hank

Date:

Drawing: Hank

Date:

Review:

Date:

Model:

DATE/

20201028

Unit/

mm

Material size/

Quantity/

Proportion/

1:30



Drawing name/

Drawing number/

Drawing distinction

No distinction 1-1

A4