

# SERIES 300 ABRASIVE PLANER

Four Widths to 52" ...  
 11½-inch Diameter Steel Contact Roll...  
 A Choice of Dual "Air-Jet"\* or "Solid State"  
 Electronic Abrasive Belt Tracking...  
 A Choice of 19 Options...

Totally enclosed abrasive planing head for operation below 90 dbA.

"Solid-State" electronic tracking or dual "Air-Jet"\* tracking with automatic self-centering and trimming of abrasive belts - patented — (optional at no extra charge).

Variable 10-40 FPM conveyor with optional hydraulic compensating feed system.

Heavy duty endless conveyor belt feed system.

Perimeter safety system allows quick OSHA safe operator shutdown.

Steel contact roll mounted on slide for easy removal/maintenance.

Built in 25, 37, 43 and 52-inch widths.

Large 11½-inch diameter contact roll for maximum cutting, long bearing life.

Four precision two-ton jacks for 0-6-inch opening.

Abrasive belt guides for easy belt changes.

75-inch abrasive belt length (103" optional).

Centralized operator control panel.

Hinged infeed/outfeed panels for easy maintenance.

Infeed/outfeed rubber covered, spring-loaded hold-down rolls for operator safety.

Power assisted caliper disc brake for quick, safe stops.

Anti-kickback finger assembly for operator safety.

Large 16-inch infeed table (18" extension optional).

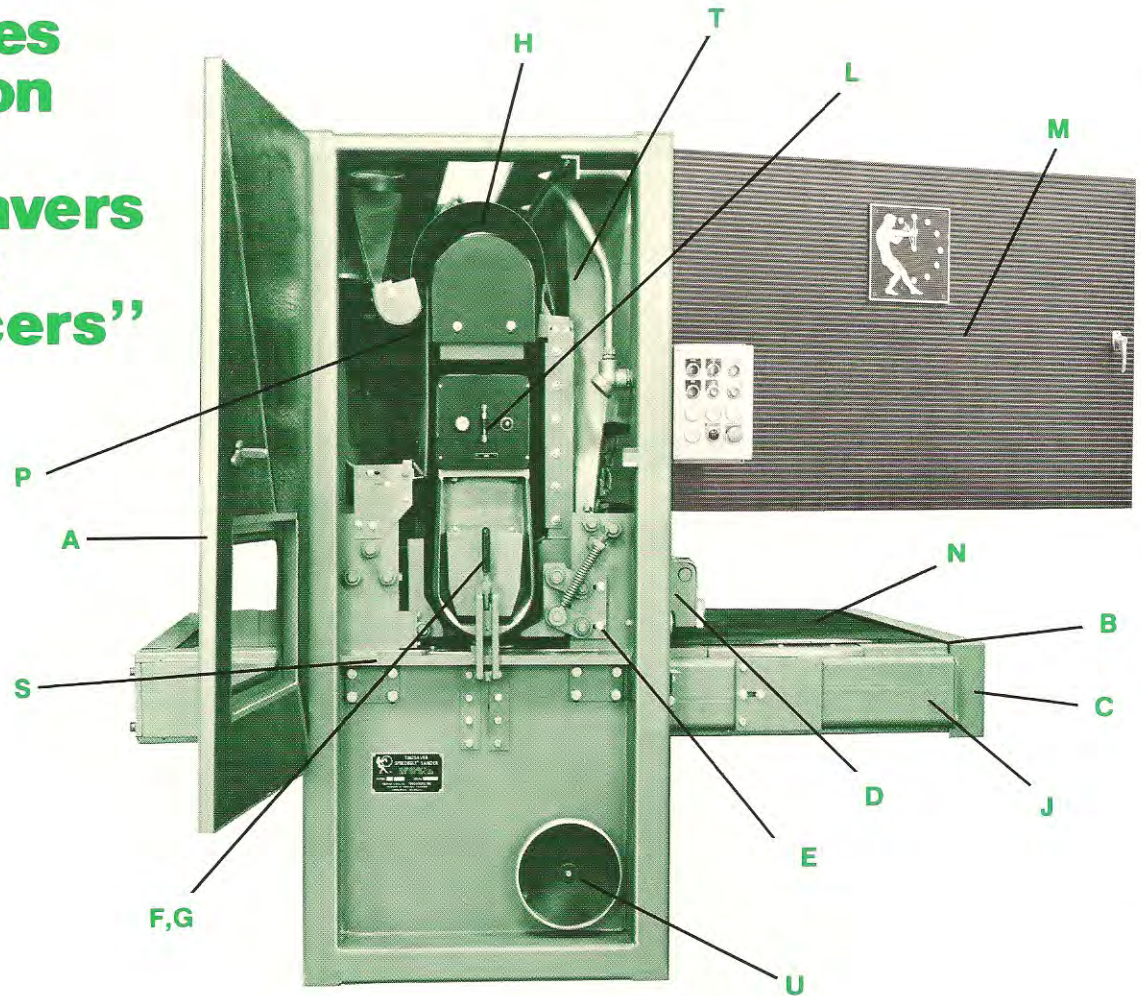
Across-the-line magnetic starters on all motors with 110 volt controls and overload protection.

Safety switches to safeguard belt tracking and ensure long belt life.





# Features Common To All Timesavers “Profit Producers”



Timesavers is the recognized world leader in the design and manufacture of abrasive planers that deliver high production with minimal maintenance and excellent tolerance control on any type of wood stock. A Timesavers Abrasive Planer will eliminate knot damage, grain tear-out and broken bands while helping achieve maximum wood yield... in many cases a Timesaver will reduce waste enough to pay for the machine in just a few months of operation.

Every Timesavers Abrasive Planer includes a number of standard design and operating features that have proven to be “Profit Producers” on any abrasive planing application. These include:

**(A) AN ENCLOSED PLANING HEAD CONSTRUCTION** that guarantees operation below 90 dbA noise level.

**(B) OPERATOR HAND GUARDING THROUGH-OUT** for OSHA-safe service.

**(C) A PERIMETER SAFETY SYSTEM** that allows quick shutdown of the machine by the operator anywhere on the infeed end.

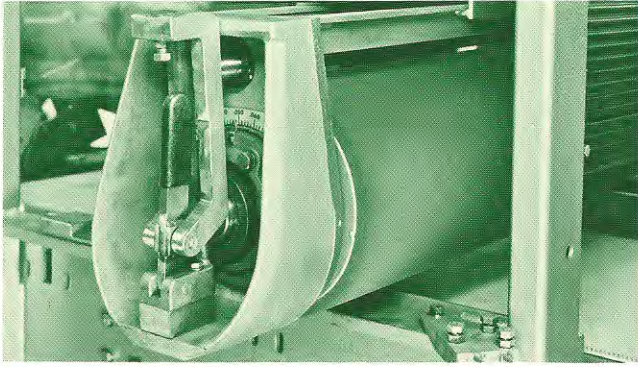
**(D) AN ANTI-KICKBACK FINGER ASSEMBLY** for operator safety (OSHA).



**(E) INFEED/OUTFEED** rubber-covered, spring-loaded pinch rolls for operator safety.

**(F) LARGE 11½-INCH DIAMETER STEEL** contact rolls for deep cutting action and long abrasive belt and bearing life.





**(G) CONTACT ROLL MOUNTED ON SLIDE** for easy removal and maintenance. (above)

**(H) ABRASIVE BELT GUIDES** for easy belt changes, especially on wider machines.

**(I) FOUR HEAVY DUTY SCREW JACKS** eliminate backlash and assure absolute stability with extreme tolerance control throughout the life of the machine (0-6-inch opening).

**(J) LARGE 16-INCH CONVEYOR INFEEED TABLE** for high production planing on any size part. (optional 18" extension shown).

**(K) CALIPER DISC BRAKE** on the contact roll designed for quick, positive stops. The braking system can stop the contact roll in 4 seconds. (below)



**(L) SINGLE CYLINDER AIR TENSIONING** of the abrasive belt for even belt stretch and maximum belt life.

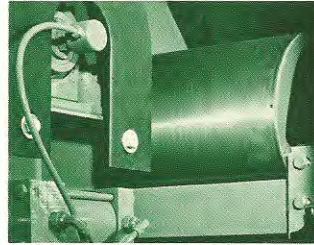
**(M) HINGED MAINTENANCE PANELS** on both the infeed and outfeed ends of the planer to facilitate quick, easy service.

**(N) HEAVY DUTY ENDLESS CONVEYOR** belt for long, trouble-free life and excellent tolerance control.

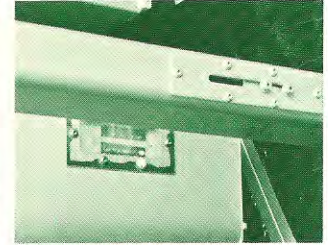
**(O) VARIABLE 32 TO 38-INCH PASSLINE HEIGHT** for fast, efficient part feeding and off-loading (top head planer models only). Bottom models provide either a 38 or 50-inch passline height, depending on model and belt length.

**(P) ABRASIVE BELT SAFETY SWITCHES** ensure excellent abrasive belt life.

**(Q) RELIABLE ABRASIVE BELT TRACKING** through Timesavers patented/Dual "Air-Jet" tracking system; or the new "ACCU-TRAC" system: "Solid-State" electronic tracking with automatic self-centering and trimming of the abrasive belt (patented).



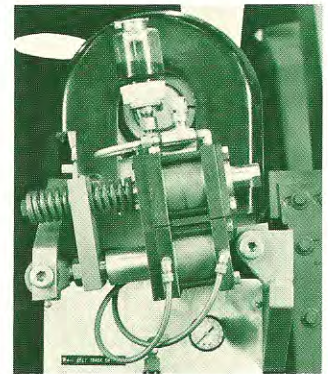
Dual "Air-Jet"



"Accu-Trac"

**(R) VARIABLE CONVEYOR FEED SPEED**

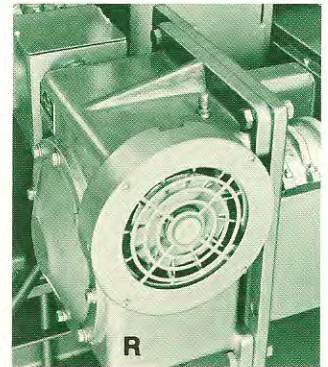
from 30 to 75 FPM depending on the series of machine selected. Hydraulic compensating feed system optional. Drive is through an uncomplicated heavy duty system with flexible coupling for long reducer life.



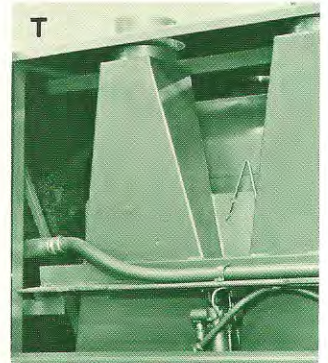
Automatic Trimming

**(S) HEAVY STEEL WELDMENTS** ensure excellent tolerance control and optimum finishes.

**(T) BUILT-IN DUST COLLECTION HOODS** for efficient dust removal and clean operation.



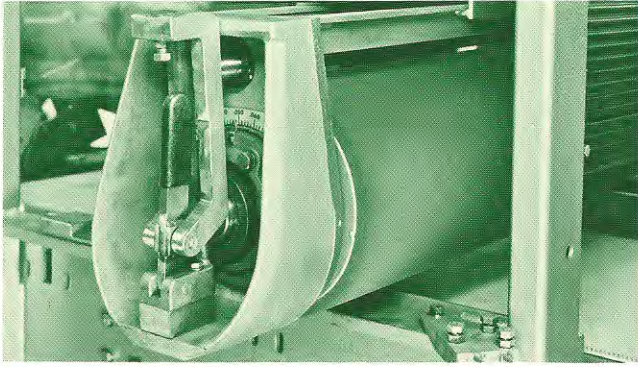
**(U) EXCELLENT THICKNESS CONTROL** allows the machine operator to adjust planing thickness within .001-inch. One turn of the hand-wheel is .020 change in conveyor bed thickness adjustment.



**(V) FACTORY START-UP SERVICE** provides a factory trained service engineer to start up your machine and instruct your personnel on its operation and maintenance.

\*Trademark





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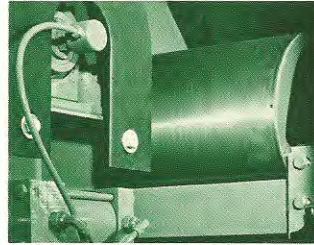
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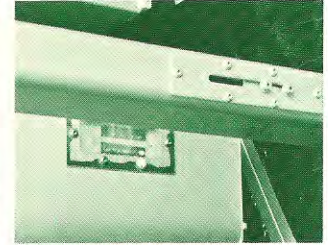
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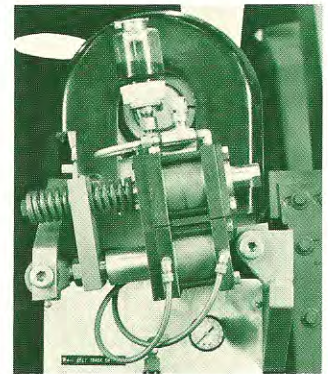
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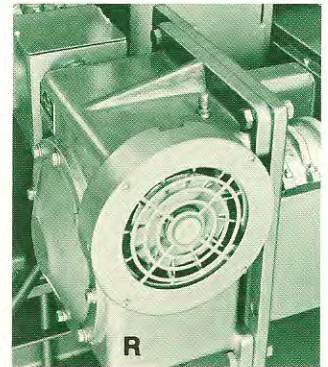
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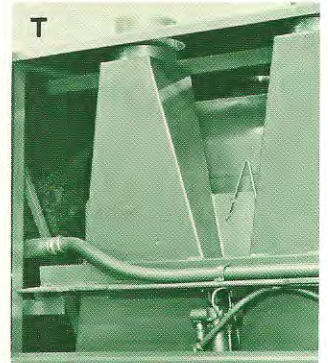
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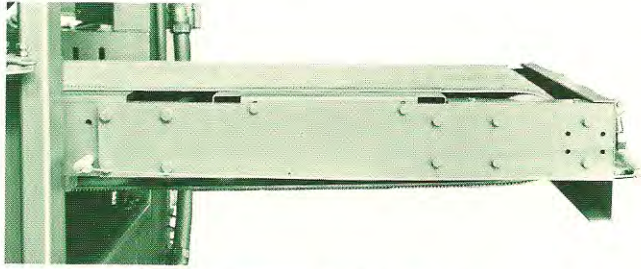
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## Recommended Options For Timesavers Abrasive Planers

### 18-INCH INFEEED TABLE EXTENSION

allows additional ease in loading parts and helps keep operator's hands away from infeed of the machine. (below)

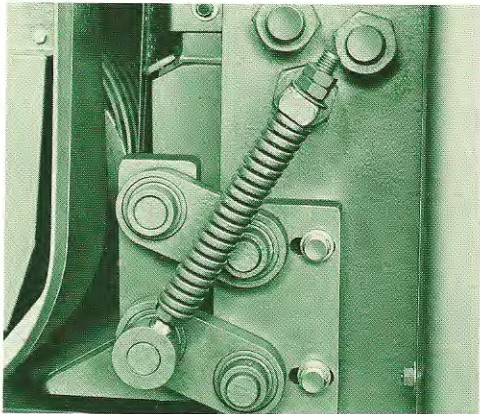


### INFEEED AND OUTFEED PRODUCT SUPPORT TABLES

help operators feed and tail the machine. These 18" shelf-type tables are hinged for easy operation

### INFEEED AND OUTFEED SPRING-LOADED SHOES

allow oversized pieces into the machine without damage and prevent dubbed leading/trailing edges of stock. (below)



### HYDRAULIC COMPENSATING FEED SYSTEM

with automatic speed control allows large thickness variations to be automatically abrasive planed with accuracy and safety. Speed is variable from 10-40 FPM on Series 300 and from 20-80 FPM on Series 400 and 500 Planers. (below)



### DIRECT CURRENT, LOAD COMPENSATING FEED SYSTEM

for use with top and bottom head planers when used in close-coupled tandem operation.

### SECTIONALIZED INFEEED SHOE

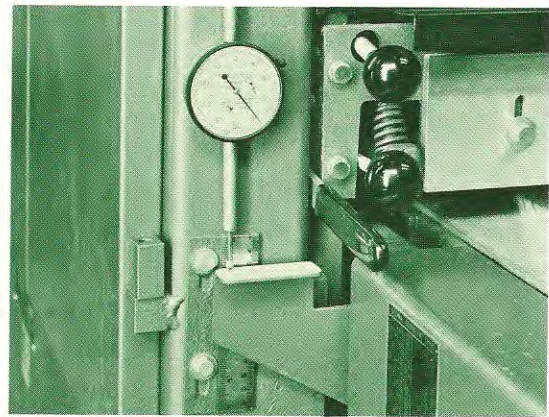
allows side by side feeding of parts that vary 1/8-inch or more in thickness. Required in rough lumber applications.

### MOTORIZED THICKNESS ADJUSTMENT

permits quick and easy adjustments on various thicknesses of stock.

### 3-INCH STARRETT DIAL INDICATOR

gives the operator the exact setting of the feed bed opening in thousandths of an inch. (below)



### SERRATED "DUO-DURO" INFEEED HOLDDOWN ROLLS

provide increased operator safety and planing accuracy on parts that vary in thickness up to 3/8-inch. Required on rough lumber applications.

### PANEL CLEANING BRUSH

is located over the outfeed conveyor to remove dust on parts as they exit the machine. This requires additional dust collection as shown in the machine specifications.

### CONSTANT PASSLINE

assures that the conveyor belt height from the floor will remain constant no matter what thickness is being planed. This feature is required when top head machines are used directly in tandem with bottom head machines.

### 72-INCH CONVEYOR BETWEEN TOP AND BOTTOM HEAD MACHINES

is ruggedly constructed to transfer parts between units. This allows a top and bottom machine to operate without constant passline, if parts are small enough.

### BOTTOM HEAD CONVEYOR BELT SUPPORT SYSTEM

provides support for the conveyor belt to prevent it coming into contact with the sanding head.

### INFEEED PRODUCT EDGE GUIDES

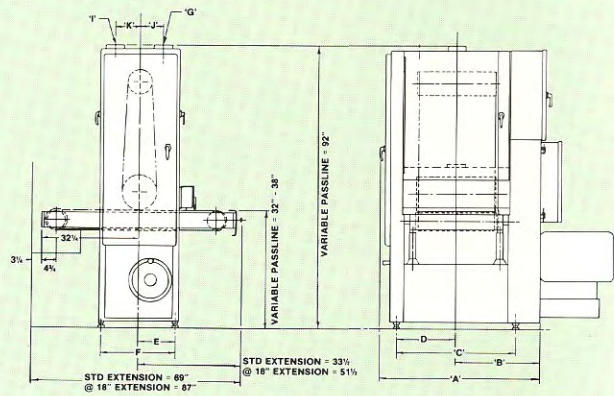
assist in line operations and are slat adjustable.



# MACHINE DIMENSIONS / SPECIFICATIONS

## Series 300 Abrasive Planer

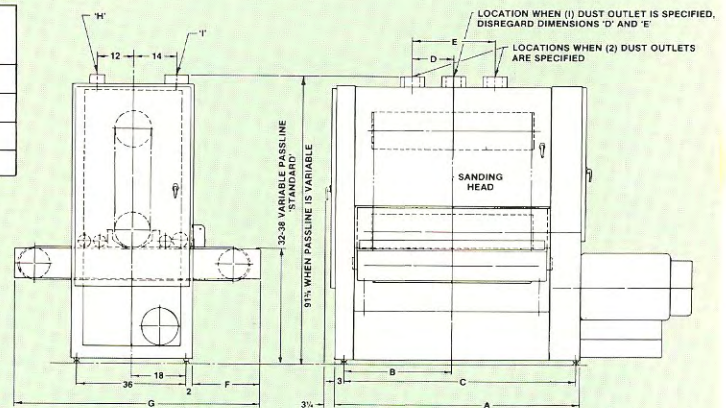
Model	A	B	C	D	E	F	G Duct Size	G CFM*	I Duct Size	I CFM*	J	K	Belt Size	Weight
325-1A	54	27 $\frac{1}{2}$	38 $\frac{3}{4}$	19 $\frac{1}{2}$	12	24	7"	1350	6"	875	7	7 $\frac{1}{2}$	25x75"	6,600
337-1A	66	33 $\frac{1}{2}$	50 $\frac{1}{2}$	25 $\frac{1}{2}$	12	24	8"	1750	6"	875	6 $\frac{1}{4}$	7 $\frac{1}{2}$	37x75"	7,400
343-1A	72	36 $\frac{1}{2}$	56 $\frac{1}{2}$	28 $\frac{1}{2}$	12	24	8"	1950	7"	1200	6 $\frac{1}{4}$	7	43x75"	8,650
352-1A	81	40 $\frac{1}{2}$	65 $\frac{1}{2}$	32 $\frac{1}{2}$	12	24	9"	2200	7"	1200	6 $\frac{1}{4}$	7	52x75"	9,350



## Series 400 Abrasive Planer

Model	A	B	C	D	E	F Std. Ext.	F 18" Ext.	G Std. Ext.	G 18" Ext.	H Duct Size	H CFM*	I Duct Size	I CFM*	Belt Size	Weight
437-1A	65 $\frac{1}{2}$	27-15/16	61 $\frac{1}{2}$	0	0	22 $\frac{1}{2}$	40 $\frac{1}{4}$	82	100	(1) 6"	875	(1) 7"	2000	37x103"	12,200
443-1A	71 $\frac{1}{2}$	30-15/16	67 $\frac{1}{2}$	11 $\frac{1}{4}$	22 $\frac{1}{2}$	22 $\frac{1}{2}$	40 $\frac{1}{4}$	82	100	(1) 7"	1200	(2) 7"	2400	43x103"	13,700
452-1A	80 $\frac{1}{2}$	35-7/16	76 $\frac{1}{2}$	13 $\frac{1}{2}$	27	22 $\frac{1}{2}$	40 $\frac{1}{4}$	82	100	(2) 5"	1200	(2) 8"	3100	52x103"	15,200
464-1A	92 $\frac{1}{2}$	41-7/16	88 $\frac{1}{2}$	16 $\frac{1}{2}$	33	22 $\frac{1}{2}$	40 $\frac{1}{4}$	82	100	(2) 6"	1750	(2) 9"	4000	64x103"	16,700

\*CFM @ 5" s.p.



## Series 500 Abrasive Planer

Machine	A	B	C Duct Size	C CFM*	D Duct Size	D CFM*	E Duct Size	E CFM*	Belt Size	Weight
530-1A	64	27	6"	875	6"(2)	2000	6"(1)	875	30x103"	13,000
540-1A	74	32	6"	875	7"(2)	2400	7"(1)	1200	40x103"	14,500
552-1A	86	38	7"	1200	8"(2)	3100	5"(2)	1200	52x103"	16,100
564-1A	98	44	8"	1600	9"(2)	4000	6"(2)	1750	64x103"	17,500

\*CFM @ 5" s.p.

