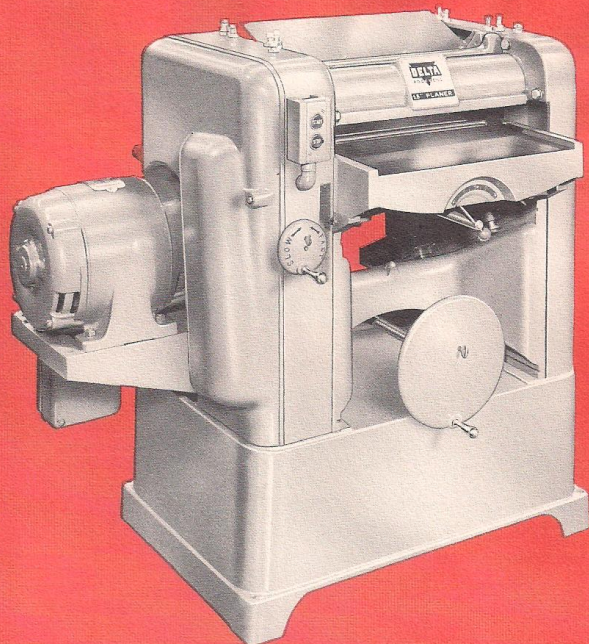


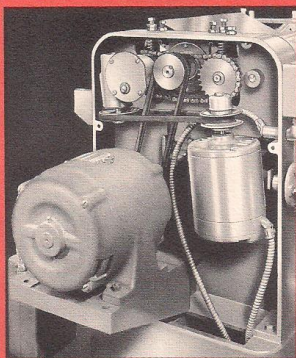
**ADVANCED DESIGN**

**NEW  
DELTA  
18"  
PLANER**

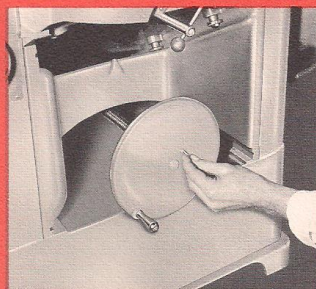


Belt Drive Model. Available with 3 or 5 HP, Single Phase or 3, 5, or 7½ HP Three Phase Motors.

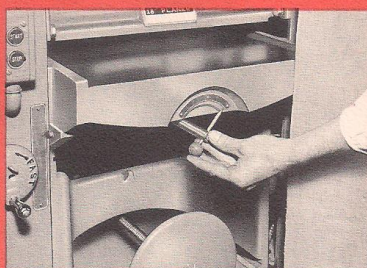




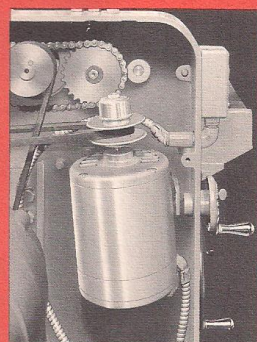
**SIMPLIFIED FEED AND CUTTERHEAD DRIVE SYSTEMS** deliver top operating efficiency and will keep maintenance and down time to a minimum because of their clean, modern design.



**QUICK SETTING, POSITIVE CONTROL LOCKS** assure safe, accurate control at all times. Just a twist of the wrist locks the controls to the desired setting.



**REDI-SET FAST BED ROLL ADJUSTMENT** (available as an accessory) allows you to raise or lower the bed rolls for rough or finish surfacing in an instant. No more bothersome time-consuming adjustments under the bed.

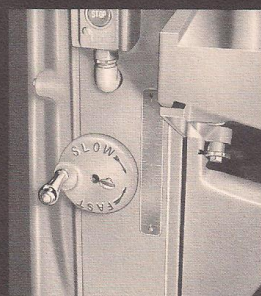


**SEPARATE FEED DRIVE MOTOR** delivers top horsepower to the feed rolls without robbing any power from the cutterhead.

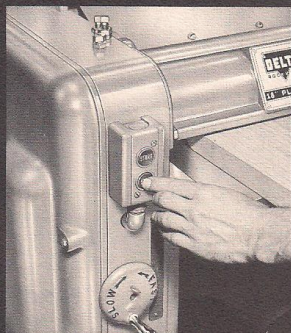
## GET ALL THESE OUTSTANDING FEATURES WITH



**SAFETY DEPTH OF CUT**—limited to  $\frac{1}{4}$  inch, eliminates the possibility of an operator's fingers being caught between the girt and stock being fed. Even an inexperienced operator can use the Delta 18" Planer with complete safety.

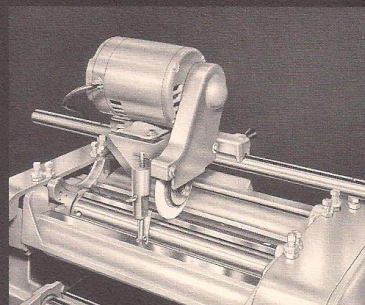


**VARIABLE SPEED CUTTING FEED** enables you to select any feed range between 15 and 36 feet per minute. Now you adjust the feed of the machine to suit the type of stock you're planing and get maximum efficiency at all times.

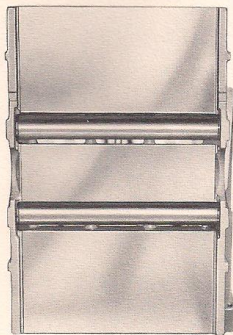


**INSTANT ACTING MAGNETIC CONTROLS**, standard equipment on all machines, inter-lock the separate feed drive and cutterhead motors, enabling an operator to stop both in seconds.

**KNIFE GRINDING AND JOINTING ATTACHMENT** with a powerful  $\frac{1}{2}$  HP motor allows you to grind an entire new bevel on the knives without removing the cutterhead (available as an accessory).

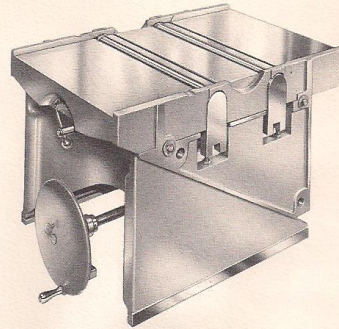






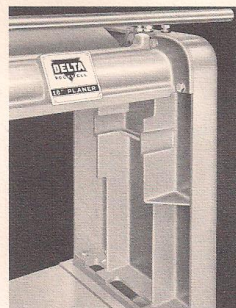
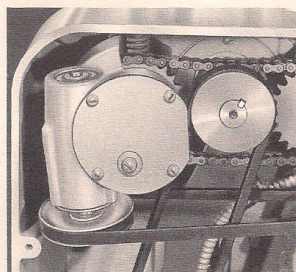
**WEDGE BED CONSTRUCTION**—Incorporates extreme accuracy and ease of adjustment with greater work support than the conventional raising screws. Inclined ways direct the even rise and fall of the bed and seldom require adjustment. Cutting loads are supported by a large area of solid metal which actually serves as a compression member. Up to now, wedge bed construction has usually been found only on larger, high production surfacers.

**LUBRICATED FOR LIFE, SEALED BALL BEARING CONSTRUCTION THROUGH-OUT**—even the bed rolls of this massive one piece bed are mounted on lubricated for life, sealed ball bearings that stand up longer under pressure and require no troublesome grease cups or fittings.



**EXTRA WIDE, HEAVY SIDE FRAMES.** Built to last, the rugged side frame construction of the new Delta 18" Planer will withstand the heaviest of cutting loads with no tension strain.

**COMPLETELY SEALED WORM GEAR FEED DRIVE,** capable of delivering tremendous horsepower to the feed rolls, this unique feed system operates in a sealed oil bath totally shielded from dirt or foreign matter.



## THE NEW, ADVANCED DESIGN DELTA 18" PLANER

### CATALOG LISTING

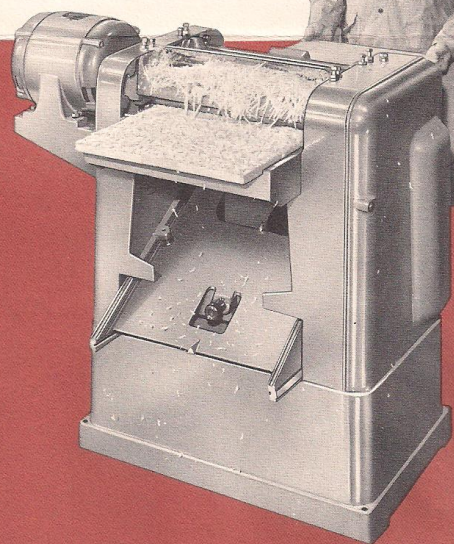
18" PLANER	BELT DRIVE	DIRECT DRIVE
<b>BASIC MACHINES</b>	CAT. No.	CAT. No.
Includes separate feed motor but less drive motor, drive belts, pulleys, coupling and electrical equipment.		
Single Phase 230 Volt	22-203	22-201
Three Phase 208-220/440 Volt	22-204	22-202
Three Phase 550 Volt	22-216	22-215
<b>ALL INCLUSIVE MACHINES</b>		
Includes drive motor, drive belts and pulleys, or coupling and electrical equipment, completely wired ready to run. (Specify voltage).		
3 H.P. Single Phase 230 Volt	22-210	22-205
5 H.P. Single Phase 230 Volt	22-212	22-207
3 H.P. Three Phase 208-220/440 Volt	22-211	22-206
3 H.P. Three Phase 550 Volt	22-220	22-217
5 H.P. Three Phase 208-220/440 Volt	22-213	22-208
5 H.P. Three Phase 550 Volt	22-221	22-218
7½ H.P. Three Phase 208-220/440 Volt	22-214	22-209
7½ H.P. Three Phase 550 Volt	22-222	22-219

### SPECIFICATIONS

Maximum width of stock . . . 18"  
 Maximum thickness of stock . . . 6"  
 Minimum thickness of stock . . . ½"  
 Maximum depth of cut . . . ¼"  
 Minimum length (unbutted) . . . 8"  
 Linear feet per minute . . . 15 to 36 variable  
 Inches of cuts per minute . . . Variable  
 Number of cuts per minute . . . 10,350  
 Cutterhead . . . 3 Knife  
 Knives, high speed steel (3) . . . 5/32" x 1½" x 18½"

Dia. of cutterhead . . . 3¼"  
 Dia. of cutting circle . . . 3½"  
 Cutterhead speed (direct drive) 3600 RPM  
 Cutterhead speed (belt drive) . . . 3600 RPM  
 Feed Drive . . . Separate ½ H.P. motor  
 Infeed Roll . . . 2¼" dia., solid serrated  
 Outfeed Roll . . . 2¼" dia., smooth  
 Speed of feedrolls (rpm) . . . Variable  
 Bed Rolls . . . 2¼" dia., 8" C.C.  
 Table raising mechanism . . . Wedge bed

Thickness scale . . . 0" to 6"  
 Bed dimensions . . . 20" x 30"  
 Overall dimensions . . . 31½" wide—32" deep  
 . . . 41" high  
 Floor space . . . 21¼" x 31½"  
 Approx. shipping weight (lbs.) . . . 1120  
 Motors (horsepower) . . . 3, 5 and 7½, 3600 RPM  
 Electricals . . . Magnetic starter, provides low voltage, no voltage and overload protection







## SEE THE NEW PLANER IN ACTION AT:

41-515	Two Groove Motor Pulley, 7/8" Bore
22-803	Redi-Set Adjustable Bed Roll Attachment
22-802	Knife Grinding and Jointing Attachment, 1 Phase
22-801	Shaving Hood
22-800	Set of 3 Knives
22-804	Redi-Set Adjustable Bed Roll Adjustment, same as 22-803 but price includes installation at factory when ordered as original equipment on new planers
41-516	Two Groove Motor Pulley, 1 1/4" Bore
22-811	Motor Coupling 1 1/4" x 1 1/4" Bore
22-810	Motor Coupling 1 1/4" x 1 1/4" Bore
49-149	V-Belt 33" O.C. for Feed Drive
49-114	Set of Three V-Belts 35 1/2" O.C. for Cutterhead Drive
49-112	Set of Two V-Belts 35 1/2" O.C. for Cutterhead Drive
41-607	Three Groove Pulley for Motor or Cutterhead, 1 1/4" Bore
41-517	Two Groove Pulley for Motor or Cutterhead, 1 1/4" Bore
22-812	Variable Speed Pulley for Feed Drive

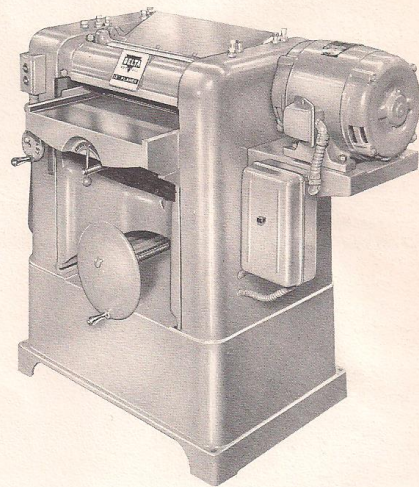
## ACCESSORIES FOR THE 18" PLANER



GET MORE

## CAPACITY PERFORMANCE QUALITY

Now, the New Delta 18" Planer offers you all the advantages of a big, modern planer for the price you would have paid for a smaller - outdated machine. Don't settle for less than the finest you can buy . . . Compare, and see for yourself.



Direct Drive Model. Available with 3 or 5 HP, Single Phase or 3, 5, or 7 1/2 HP Three Phase Motors.

**Specify Delta and get more of everything . . . . .**