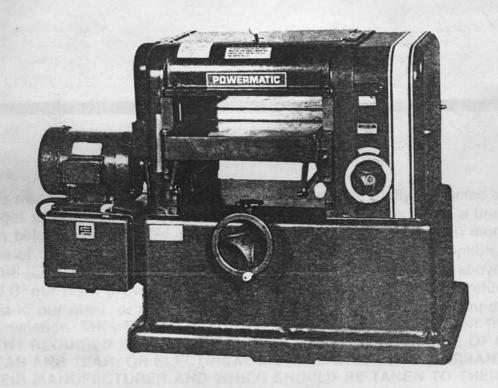
Model 180 18" (457mm) Planer

MAINTENANCE INSTRUCTIONS AND PARTS LIST

Price \$2.50



Better By Design® POWERMATC®

POWERMATIC COUDAILLE OUDAILLE

FOREWORD

SAFETY FIRST!

This manual has been prepared for the owner and operators of a Powermatic Planer. Its purpose, aside from machine operation, is to promote safety through the use of accepted operating practices. Read the safety and operating instructions thoroughly before operating the machine.

In order to obtain maximum life and efficiency from your Powermatic Planer, follow all the instructions in the operating instructions and maintenance manuals carefully.

The specifications put forth in this manual were in effect at the time of publication. However, owing to Powermatic's policy of continuous improvement, changes to these specifications may be made at any time without obligation on the part of Powermatic Houdaille

WARRANTY

This machine and its component parts have been carefully inspected at various stages of production and each finished machine is subjected to a final inspection before shipment. We agree that for a period of eighteen (18) months from date of delivery from our authorized dealer to replace, at our option, any machine (or component part thereof) proving defective within the above period, F.O.B. our plant providing such machine (or component part) is returned prepaid to our plant, or a designated service center of the undersigned, for our examination. THIS WARRANTY DOES NOT INCLUDE REPAIR OR REPLACE-MENT REQUIRED BECAUSE OF MISUSE, ABUSE, OR BECAUSE OF NORMAL WEAR AND TEAR; OR ELECTRICAL MOTORS WHICH ARE WARRANTEED BY THEIR MANUFACTURER AND WHICH SHOULD BE TAKEN TO THEIR LOCAL AUTHORIZED REPAIR STATION FOR SERVICE. FURTHER, WE CANNOT BE RESONSIBLE FOR THE COST OF REPAIRS MADE OR ATTEMPTED OUTSIDE OF OUR FACTORY OR DESIGNATED SERVICE CENTER WITHOUT OUR AU-THORIZATION: NO CLAIMS FOR DEFECTS WILL BE HONORED IF SERIAL NUMBER PLATE HAS BEEN REMOVED. THIS WARRANTY IS MADE EX-PRESSLY IN PLACE OF ALL OTHER WARRANTIES OR GUARANTEES, EX-PRESS OR IMPLIED, WITH RESPECT TO FITNESS, MERCHANTABILITY, QUALITY OR OPERATIVENESS. THIS WARRANTY BECOMES EFFECTIVE ONLY WHEN THE ACCOMPANYING CARD IS FULLY AND PROPERLY FILLED OUT AND RETURNED TO THE FACTORY WITHIN TEN (10) DAYS FROM DATE OF DELIVERY.

PLANER SAFETY INSTRUCTIONS

- Read, understand, and follow the safety and operating instructions found in this manual. Know the limitations and hazards associated with this planer. A safety rules decal is installed on each machine to serve as a reminder of basic safety practice.
- Grounding of the planer: Make certain that the machine frame is electrically grounded and that a
 grounding lead is included in the incoming electrical service. In cases where a cord and plug are used,
 make certain that the grounding lug connects to a suitable ground. Follow the grounding procedure
 indicated by the National Electric Code.
- 3. Eye safety: Wear an approved safety shield, goggles, or glasses to protect eyes when operating the planer.
- 4. Personal protection: Before operating the machine, remove, tie, rings, watch and other jewelry and roll up sleeves above the elbows. Remove all loose clothing and confine long hair. Protective type footwear should be worn and hearing protectors should be used where noise exceeds the level of exposure allowed in section 1910.95 of the OSHA regulations. Do not wear gloves.
- 5. Work area: Keep the floor around the machine clean and free of scrap material, sawdust, oil or grease to minimize the danger of tripping or slipping. Be sure the table is free of all scrap, foreign material and tools before starting a cut. Powermatic recommends the use of anti-skid floor strips on the floor area where the operator normally stands and that each machine's work area be marked off. Make certain the work area is well lighted and that a proper exhaust system is used to minimize dust. Provide for adequate work space around the machine.
- Guards: Keep the machine guards in place at all times when the machine is in use. If removed for
 maintenance purposes, use extreme caution and replace the guards on completion of the maintenance task before using the planer. Do not operate the machine with the guards off.
- 7. Do not over reach: Maintain a balanced stance and keep your body under control at all times. Do not over reach.
- 8. Maintain tools in top condition: Keep tools sharp and clean for safe and best performance. Dull tools increase noise levels and can cause kickbacks and glazed surfaces. Broken tools or tools that are not securely locked in the cutterhead can be thrown out of the planer causing severe or fatal injury as well as severe damage to the machine. Check the condition and adjustment of the tools before making any cuts. Follow the sharpening instructions on knife grinding and jointing, installing and adjustments. Caution: Do not use knives that have been reground to less than 5/8" (16 mm) height on standard cutterheads or 1/2" (13 mm) height on quiet cutterheads.
- 9. Operator position: Stand to the left side out of line with the table and make sure no one else is standing in line with the table.
- 10. Hand safety: Keep hands outside the machine. Never reach under the guards to try to clear stock that stops feeding. Do not clear chips and sawdust with hands; use a brush. Note caution decal at rear of the machine. Do not have any part of the hands under that part of the board that is over the table when starting a cut, the infeed roll will engage the board and force it down against the table causing a pinching action.
- 11. Cutterhead rotation: Be sure cutterhead rotates under power in a counterclockwise direction when viewed from the main drive motor side.
- 12. Machine adjustments: Make all machine adjustments with power off except feed rate.
- 13. Machine capacity: Do not make any cuts requiring more power than is available on the machine. Each machine has a caution decal on the front panel indicating the maximum depth of cut and the maximum difference in board thickness allowed when multiple board surfacing when it is equipped to do that operation. Do not attempt to feed two boards side by side (multiple board surfacing) on any machine not equipped with a sectionalized infeed roll and chipbreaker.
- 14. Material condition: Do not plane boards with loose knots or with nails or any foreign material on its surface. Knife impact on these objects can cause the knives to be pulled out and cause them to shatter against the chipbreaker or pressure bar. Twisted, warped, or in wind stock should first be jointed on one surface before attempting to plane a parallel surface on the planer. Serious stock flaws cannot be removed by use of a planer alone.
- 15. Stacked boards: Do not feed stacked boards through a planer; a kickback can occur causing severe or fatal injury.
- 16. Short stock: Do not attempt to plane boards shorter than 12" (305 mm) in length without butting a board of equal thickness behind it to help it through the planer. Be sure the last board of a butted sequence is 12" (305 mm) long or longer.
 - 7. Stock stops feeding: If the board being planed stops feeding, disengage or turn the feed off and turn the power off. Wait until the cutterhead comes to a complete stop before lowering the table to remove the board. Never lower the table with the power on and the stock still in the machine. A kickback can occur which could cause a severe or fatal injury.

- 18. Avoid accidental starting: Make certain the motor switch is in the off position before connecting power to the planer.
- 19. Careless acts: Give the work you are doing your undivided attention. Looking around, carrying on a conversation, and "horseplay" are careless acts that can result in serious injury.
- 20. Job completion: If the operator leaves the machine area for any reason, the planer should be turned "off" and the cutterhead should come to a complete stop before his departure. In addition, if the operation is complete, he should clean the planer and the work area. Never clean the planer with power "on" and never use the hands to clear sawdust and debris; use a brush.
- 21. Disconnect machine: Before performing any service or maintenance and when changing blades.
- 22. Replacement parts: Use only Powermatic or factory authorized replacement parts and accessories; otherwise the planer warranty and guarantee will be null and void.
- 23. Misuse: Do not use this Powermatic planer for other than its intended use. If used for other purposes, Powermatic disclaims any real or implied warranty and holds itself harmless for any injury which may result from that use.

Listed below is a table of horsepower and cutterhead r.p.m. for Powermatic planers. Do not equip your planer with motor of higher horsepower nor run the cutterhead in excess of the r.p.m. indicated in the table. Doing so voids the warranty and Powermatic holds itself harmless from any injury that may result.

PLANER SIZE 18" (45.7 cm)

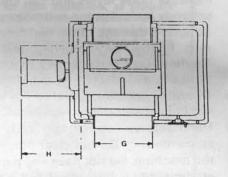
Max. Horsepower

Max. Cutterhead R.P.M.

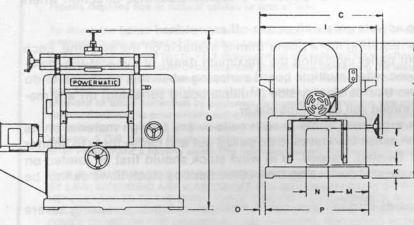
71/

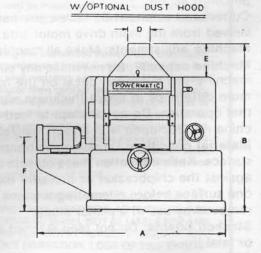
4800

POWERMATIC MODEL 180 PLANER









	Α	В	С	D	Ε	F	G	Н	1	J	K	L	М -	N	0	Р	Q
MODEL 180	53 7/8"	45 7/8"	34"	6"	9"	20 1/4"	18 1/16"	16 5/8"	31 3/4"	36 3/4"	3"	10"	11"	6"	1 5/8"	28 1/2"	49"

even	A	В	С	D	E	F	G	н	4	J	K	L	М	N	0	Р	Q
MODEL 180	136 8cm	116 5cm	86 4cm	15 2cm	22 9cm	51 4cm	45 9cm	42 2cm	80 6cm	93.3cm	7.6cm	25.4cm	27 9cm	15.2cm	4.1cm	72.4cm	124.5cm

POWERMATIC MODEL 180 PLANER

SPECIFICATIONS:	MODE	L 180
ENGLISH	1	8
ENGLISH	Std.	"Q" Model
TABLE AREA	18x32	18x32
CUTTERHEAD DIAMETER	35%	3%.
CUTTING CIRCLE	31/8	31/8
DIR. DR. CUTTERHEAD S.F.M.	3650	
BELTED DRIVE CUTTERHEAD S.F.M.	4870	3600
KNIFE SIZE	5/32×1 1/4×181/4	3/16 x 1 x 2 1/4
FEED ROLL DIAMETER	23/16	23/16
BED ROLL DIAMETER	2	2
FEED RANGE F.P.M.	15 - 37	11 - 27
MAX. DEPTH OF CUT, SINGLE BOARD	1/2	1/2
STOCK RANGE THICKNESS	1/8 - 6	Vs - 6
WIDEST PLANEABLE STOCK	18	18
SHORTEST PLANEABLE BUTTED STOCK	7	7
SHORTEST PLANEABLE STOCK NOT BUTTED	9	9
MOTOR H.P. RECOMMENDED:		
LIGHT WORK	3 & 5	3 & 5
HEAVY WORK	71/2	71/2
APPROXIMATE WT. DOMESTIC		
(CRATED WITH MOTOR)	1255	1255

LINEAR DIMENSIONS IN INCHES.
S.F.M. IS SURFACE FEET PER MINUTE.

F.P.M. IS FEET PER MINUTE. WT. IS IN POUNDS.

THE ABOVE SPECIFICATIONS, DIMENSIONS AND DESIGN CHARACTERISTICS ARE SUBJECT TO CHANGE WITHOUT NOTICE.

SPECIFICATIONS:	MODE	L 180
	45	.7
METRIC	Std	"Q" Model
TABLE AREA	45.7×81.3	45.7×81.3
CUTTERHEAD DIAMETER	9.2	9.2
CUTTING CIRCLE	9.8	9.8
DIR DR CUTTERHEAD S M M	1112.5	**
BELTED DRIVE CUTTERHEAD S M M	1484.4	1097.3
KNIFE SIZE	4 × 3.2 × 46.4	.5×2.5×5.7
FEED ROLL DIAMETER	5.6	5.6
BED ROLL DIAMETER	5.1	5.1
FEED RANGE M P M	4 6-11.3	3.4-8.2
MAX DEPTH OF CUT SINGLE BOARD	13	1.3
STOCK RANGE THICKNESS	3-15.2	.3-15.2
WIDEST PLANEABLE STOCK	45.7	45.7
SHORTEST PLANEABLE BUTTED STOCK	17.8	17.8
SHORTEST PLANEABLE STOCK NOT BUTTED	22.9	22.9
MOTOR H P RECOMMENDED		
LIGHT WORK	3 & 5	3&5
HEAVY WORK	71/2	71/2
APPROXIMATE WT DOMESTIC (CRATED WITH MOTOR)	569.3	569 3

LINEAR DIMENSIONS IN CENTIMETERS S.M.M. IS SURFACE METERS PER MINUTE M.P.M. IS METERS PER MINUTE WT. IS IN KILOGRAMS

THE ABOVE SPECIFICATIONS, DIMENSIONS AND DESIGN CHARACTERISTICS ARE SUBJECT TO CHANGE WITHOUT NOTICE.

MACHINE INSTALLATION, ADJUSTMENTS & MAINTENANCE

Receiving:

Uncrate machine and check for shipping damage. Report any damage to the carrier and your distributor immediately. If accessories were ordered with the machine, these will be in a separate container and should be checked for completeness and damage. Notify the carrier and your distributor immediately if any items are missing or damaged.

Clean protective coating from all areas and lubricate parts as indicated in this manual.

Installation:

Mount machine on a solid foundation, preferably a concrete floor, and lag machine to the floor through the holes provided in the base (see page 4 for mounting dimensions). The machine area should be clean, dry, well ventilated, and well lighted. Since planers can create noise problems, the site selection should be one which minimizes reverberant sound from walls, ceilings and other equipment. Electricals should be installed so that they are protected from damage and exposure. Be sure to properly ground the machine frame.

Exhaust System:

When an exhaust system is used, be sure it is of sufficient size to provide an exhaust volume of 1100 cubic feet/min. (31.2 cubic meter/min.). If an exhaust system is not used, the user is cautioned against the health hazard and the limitations in the OSHA regulations for employee or student exposure to dust particles.

Powermatic recommends that an exhaust system be used with a planer.

Inspection:

Before putting power on the machine, check that all screws are tight, that all mechanical functions work freely and that the cutterhead turns freely without knife contact with the chipbreaker or pressure bar. Periodic or regular inspections are required to insure that the machine is in proper adjustment, that all screws are tight, that belts are in good condition, that dust has not accumulated in the electrical enclosures, and that there are no loose or worn electrical connections.

Before Operating:

Check the motor and switch wiring diagram for proper voltage connections before applying power to the machine (see page 17 for wiring diagrams). Turn the main drive motor and feed motor [on 20" (508mm) and 24" (610mm) models only] on momentarily to check for proper direction of rotation. Correct as required, cutterhead should rotate counterclockwise when viewed from the sheave or motor side. The infeed roll should turn clockwise when viewed from the motor side of the planer.

Run the machine without cutting for a short period of time to check that all powered functions are operating properly.

Be sure to read and understand the operating instruction manual before using the planer.

Lubrication:

The cutterhead, infeed roll and outfeed roll are mounted on sealed ball bearings and require no lubrication. The following lubrication chart indicates the lubrication points, frequency, and recommended lubricants.

MODEL 180

POINT	FREQUENCY	LUBRICANT
Infeed roll housing	Weekly	Fiske Lubriplate #630AA.
Table ways	Daily	SAE 10
Fd. drive idler shafts	Weekly	SAE 10
Variable fd. handwheel bracket	Weekly	SAE 10
Variable speed sheaves	Weekly	SAE 10
Quick-Set linkage	Weekly	SAE 10

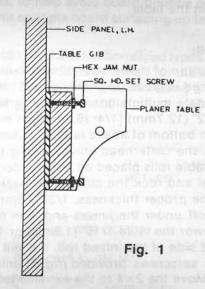
Table elevating miter gears	Weekly	Fiske Lubriplate #630AA.
Table elevating screws	Weekly	Fiske Lubriplate #630AA.
Knife grinder screw brackets	Prior to use	Fiske Lubriplate #630AA.
Knife grinder screws	Prior to use	Fiske Lubriplate #630AA.
Knife grinder ways	Prior to use	SAE 10
Fd. drive gears	Monthly	Fiske Lubriplate #630AA.
Table roll housings	Monthly	Fiske Lubriplate #630AA.

MACHINE ADJUSTMENTS

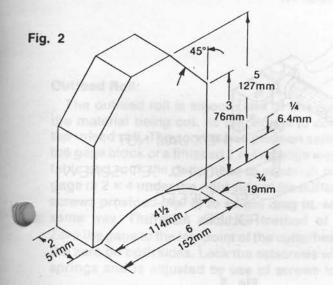
Planer Table:

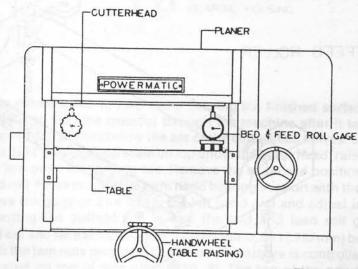
The planer table is raised and lowered by twin ACME screws supported on thrust bearings and is guided by machine surfaces on the side panels. The fit-up to prevent the table from rocking is controlled by two gibs in front. These gibs should be adjusted individually using the gib screws provided (fig. 1) so that the ways are lightly contacting on all four surfaces. The gibs should be tight enough to prevent rocking or movement of the table when the planer is in operation.

To do accurate planing, the table must be parallel with the cutterhead. Lack of parallelism results in a taper over the width of a board. Check with straddle-type knife gage to nsure knives have the same protrusion from the cutterhead arc [approximately .125 (3.2 mm)] end to end and that each knife is the same. Maximum deviation allowed for good planing is .001 (.025 mm). If deviation exceeds .001 (.025 mm), see section on installing cutterhead knives or section on jointing and grinding knives before leveling the table.



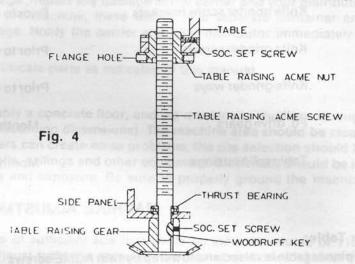
Place a $6" \times 5"$ (152mm \times 127mm) gage block (fig. 2) and shop scale to be used as a feeler gage or bed and table roll gage at the extreme right hand side of the table, rotating head so the knives clear the gage surface. Raise the table with the table raising handwheel until the scale on top of the block just touches the cutterhead. If using the indicator gage, establish the low point of the cutterhead arc by moving the gage front to back for the maximum indicator reading and then zero the dial at this point (fig. 3). Move the block or indicator gage to the extreme left side of the table. Using the indicator gage or block, find the low point of the cutterhead





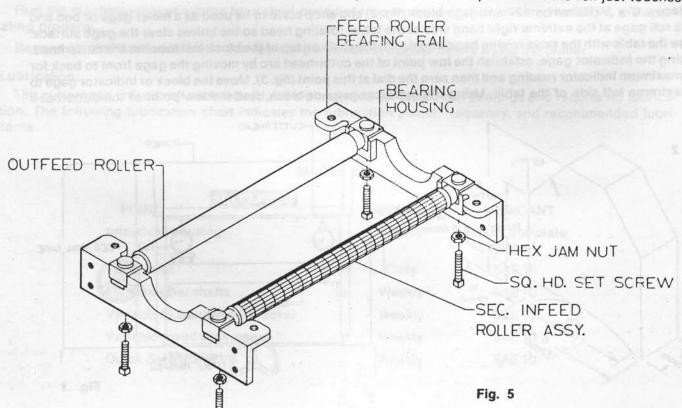
arc without moving the table height. Note whether the reading is less than or greater than the right side. If greater on the left side, the right side of the table must be raised; if less, the left side of the table must be

raised. With the indicator or gage block under whichever side that must be raised. loosen the setscrew locking the ACME threaded flange nut (fig. 4) from rotation in the table on the side to be raised. Rotate the nut using a rod in the flange holes and raise that side of the table until the indicator reading or drag feel on the gage block is the same on both sides. Relock the flange nut setscrew in the table. Another method that can be used if the table is free is to loosen the setscrew on the high side of the table and then rotating the table handwheel clockwise raising the opposite side until it is level. Relock the flange nut setscrew in the table.



Infeed Roll:

The function of the infeed roll is to feed the material into the machine. It is a corrugated roll and when sectionalized is made up of two inch (51mm) wide sections with 1/4" (6.4mm) movement in each section to accommodate multiple board surfacing. In addition, the whole assembly is spring loaded to accommodate the full 1/2" (12.7mm) [1/4" (6.4mm) on model 100] depth of cut. To provide proper drive, it should be set so that the bottom of its arc is 1/16" (1.6mm) on sectionalized types and 1/32" (.8mm) on solid types below the arc of the cutterhead knives. Using gage block or a short piece of finished 2×4 lumber notched to clear the table rolls placed on edge under one knife of the cutterhead, raise the table with the table raising handwheel and rock the cutterhead back and forth until it just touches the gage block or 2×4. [A shop scale of the proper thickness, 1/32" (.8mm) or 1/16" (1.6mm) can be used on top of the gage block when touching off under the knives and then removed when setting the infeed roll to provide the correct step down.] Lower the table 1/16" (1.6mm) or 1/32" (.8mm) and move the 2×4 or gage block under the extreme right hand side of the infeed roll. If it will not go in the roll must be raised. If clearing, it must be lowered. Using the setscrews provided (fig. 5) unlock the setscrews and adjust as required so that the roll just touches. Move the 2×4 to the extreme left side and adjust that side as required until the roll just touches



the gage. Recheck the right side and then lock the setscrew with the jam nuts provided. The most accurate

method of setting the infeed roll is with the bed and feed roll gage. Find the low point of the knife arc to the end of the gage then set the infeed roll to .031 with solid infeed roll or .062 for sectionalized infeed rolls below the zero point. It is important that the setting on both sides of this feed roll be close to the same height to help avoid skewing of the material as it is fed through the machine. Infeed roll pressure is controlled by springs and is adjusted by use of screws located on top of the side panels (fig. 6) Pressure should be slightly higher on the drive side to help avoid skewing of board as it feeds through, the adjusting screw will be approximately flush with the bottom of the countersink on the top side panels when properly adjusted.

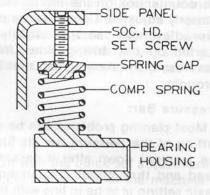


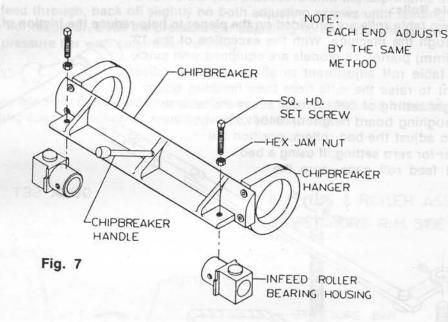
Fig. 6

Chip Breaker:

The chip breaker can be either a solid or sectionalized type. The sectionalized chip breaker is constructed of 2" (50.8mm) wide spring-loaded sections mounted on a bar which swings concentric with the cutterhead. Each section has approximately 1/4" (6.4mm) independent yield. The functions of the chip breaker are to help avoid splintering out of the wood, to break chips into small pieces, to help avoid board bounce on thinner boards, to direct the flow of chips out of the machine, and to permit multiple board surfacing up to 1/4" (6.4 mm) difference in thickness on the sectionalized type.

The chip breaker in its free position should be 1/32'' (.8mm) on both solid and sectionalized types below the cutting arc of the knives: the same as the infeed roll. Using the same method as indicated for the infeed roll, remove the cover over the top section of the planer, adjust the chip breaker free position using a 2×4 gage block and shop scale of the proper thickness and adjusting screws in the pivot arm at each

end. It is important that each end be close to the same height to help avoid skewing of the material as it is fed through the machine. Since the chip breaker adjusting screws (fig. 7) contact the bearing housings for the infeed roll, its adjustment should be made after the infeed roll and if the infeed roll setting is altered, the chip breaker must be readjusted. Caution: A chip breaker set too low may prevent stock from feeding into the machine.



Outfeed Roll:

The outfeed roll is smooth and of one-piece construction to help avoid marring the finished surface of the material being cut. Its function is to continue to feed the material through the machine after it leaves the infeed roll. The correct free position setting is 1/32" (.8mm) below the arc of the cutterhead knives. Using the gage block or a finished 2 × 4 on edge with a 1/32" (.8mm) shop scale on top under the cutterhead, raise the table and rock the cutterhead to establish the low point of the knife arc. Remove the scale and position three gage or 2 × 4 under the right side of the outfeed roll. Raise or lower its right hand bearing support with the set-screws provided (fig. 8) to a light drag fit. Move the gage or 2×4 under the left hand end and adjust in the same way. The most accurate method of setting the outfeed roll is with the bed and feed roll gage. Zero the gage to the low point of the cutterhead arc and set each end of the outfeed roll to .031 (.787mm) below the zero on both sides. Lock the setscrews with the jam nuts provided. Out feed roll pressure is controlled by springs and is adjusted by use of screws located on top of side panels (fig. 8). The top of the adjusting

screw will be approximately flush with the bottom of the countersink on the top of the side panels when properly adjusted. Care must be observed in making this adjustment so that slightly more pressure is exerted on the driving side. Unbalanced pressure can result in skewing of the board as it feeds through.

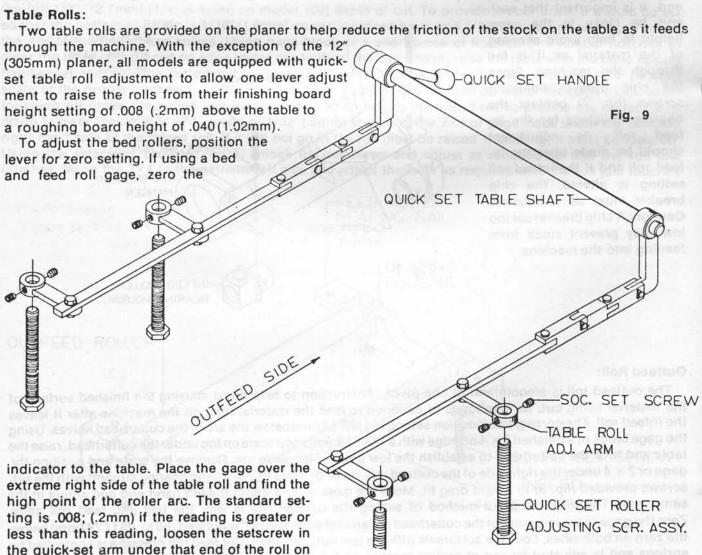
Pressure Bar:

Most planing problems can be related to improper setting of the pressure bar. Its functions are to hold the material down after it passes under the cutter-head and throughout the remainder of the cut. Its basic setting is to be in line with the arc of the cutter-

head knives. If it is too high, a shallow clip will occur 6" (152mm) in from each end of the board. If it is too low, stock will not feed through.

FEED ROLLER-BEARING RAIL

With a bed and feed roll gage or a gage block and a 1/32" (.81mm) thick 6" (152mm) scale as a feeler placed under the cutterhead, raise the table with its elevating handwheel to determine the low point of the arc of a cutterhead knife. Move the gage or gage block and scale under the low point of the extreme right hand side of the table and adjust that end of the pressure bar with the jackscrews provided to be in line with the low point of the knife arc (fig. 11). Move the gage or gage block and scale to the extreme left hand side and adjust that side to be in line with the low point of the knife arc. Recheck the right side; check the full width of the pressure bar. If the center is slightly low, adjust both sides the same amount to bring the low point into line. Using the bed and feed roll gage set the full length of the pressure bar to be .000 - .001(.02mm) above the arc of the cutterhead. This initial setup is a starting point and final adjustment may have to be made during a test cut.



the underside of the table (Fig. 9). Adjust the hex head jackscrew to

position the roll to the .008 (.2mm) setting. Repeat the process on the left side and then recheck the right side. Relock the setscrews in the arms. If a gage is not available, loosen the setscrews in all four arms and lower the roll below table level. Lay a straight edge across the slot on one side and raise the roll until it just touches the straight edge. Repeat the process on the opposite side. Since table roll jackscrews on Powermatic planers have 16 threads per inch, rotate the screws on each end 1/8 turn for a .008 (.2mm) setting. Relock arm setscrews. It is important that both ends of the bed rolls be the same height to help prevent skewing of the board as it feeds through the machine.

Test Cutting:

Using a piece of semi-finished stock, set up for a 1/16"(1.58mm)deep cut with the quick-set adjustment at zero. Start the machine, and standing to the left-hand side begin feeding the stock into the machine. (Fig. 10 shows the basic planer configuration.)

Caution: Never stand directly behind stock or allow anyone else to do so and do not bend down to see how the stock is feeding. Should a kickback occur, a serious or fatal injury could result.

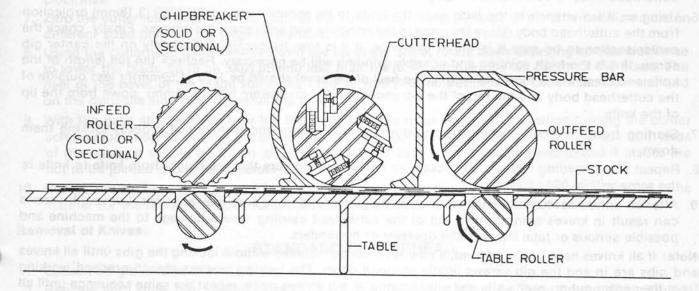
The infeed roll should take the material and force it under the chip breaker and cutterhead. If the material feeds through effortlessly, examine the finished cut carefully for imperfections. Learning to read a board for imperfections will save hours in adjusting a planer to operate properly. (See Trouble Shooting chart on page for imperfections not related to the pressure bar which can develop due to misadjustment and knife wear.)

If "clip" marks occur 6"(152mm) in from each end of the board, the pressure bar is too high. Turn both right and left hand adjusting screws the same amount, 1/4 turn clockwise or less, and take another 1/16" (1.58mm) deep cut. Re-examine the board. Continue the operate-adjust procedure until the clip marks disappear. Should the board fail to feed through, back off slightly on both adjusting screws until feeding is smooth and the imperfections do not reappear. Lock the pressure bar adjusting screws with the jam nuts provided. Caution: Do not adjust pressure bar with cutterhead running.

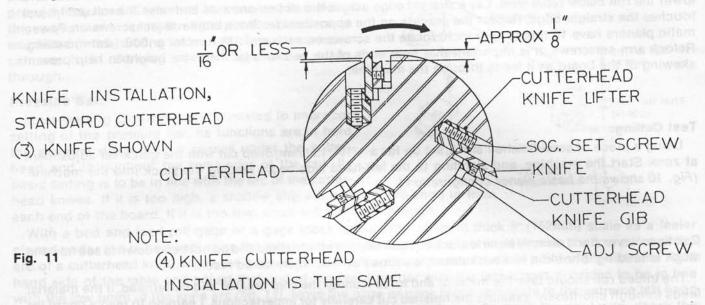
Note: Adjustment of the pressure bar will be required whenever knives are resharpened and because of wear which will occur on the cutting edge of the knives, causing feed to be restricted.

Fig. 10

CUTTING & ROLLER ASSY. (OPERATORS R.H. SIDE)



Feed restriction can also occur due to pitch buildup on the table. Be sure the table surface is clean and dusting the surface with talc occasionally will aid in smoother feeding and help to prevent pitch buildup.



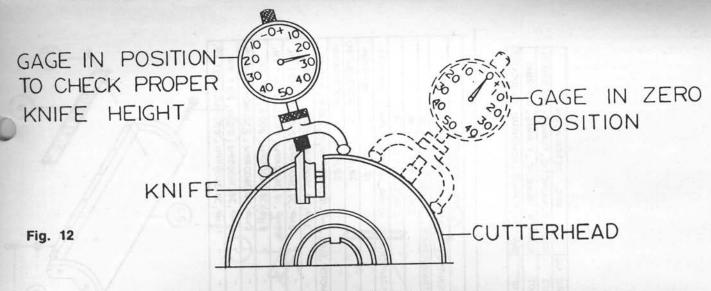
Knife Installation:

STANDARD CUTTERHEAD

Knife installation on a planer can be a difficult and exacting process. If the knives are not to be jointed and ground, end-to-end and knife-to-knife relationship must be held within .001 (.03mm) for accurate and smooth planing. To help avoid cutterhead distortion in changing out a set of knives, remove and replace the knife in one slot before changing the next knife.

- 1. Clean all dust, chips, pitch and accumulated foreign matter from a cutterhead slot and off of its gib.
- 2. Working with one slot, drop in the knife jacks in their seats with the notched surface facing the slot.
- 3. With the knife and gib against each other and the beveled surface of the knife on the knife jack side and the concave shaped surface of the gib up, insert into the slot. The back edge of the knife bevel should be slightly below the outside diameter of the cutterhead. Lightly tighten the two outside and center gib screws.
- 4. Take the cutterhead knife gage (Fig. 12) and zero it on the cutterhead outside diameter. As a reminder, different size planers have different cutterhead diameters so that the zero point should be checked before using the gage.
- Working from the bevel side and close to an outside jackscrew, slide the indicator on the radius of the cutterhead body to establish the high point of the knife (Fig. 12).
- 6. Using an Allen wrench in the jack, raise the knife to be approximately 1/8"(.125") (3.18mm) projection from the cutterhead body. Move the gage to the opposite end and repeat the process. Finally, check the center section to be sure it is within tolerance. If it is low, try backing off slightly on the center gib screw. If it is too high, jointing and possibly grinding will be necessary. Recheck the full length of the knife and be sure it is the same height. The heel of the bevel should be 1/16" (1.59mm) or less outside of the cutterhead body and the top of the gib should be approximately 1/8" (3.18mm) down from the tip of the knife.
- 7. Starting from the center outward, snug down all gib screws and then repeat process locking them down.
- Repeat the preceding method on successive knives making sure that the height from knife to knife is the same within .001 (.03mm).
- After all knives have been installed, recheck all gib screws to be sure they are tight. Loose gib screws
 can result in knives being thrown out of the cutterhead causing severe damage to the machine and
 possible serious or fatal injury to the operator or bystanders.

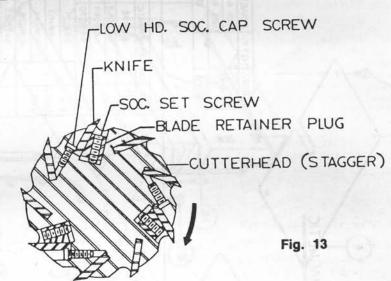
Note: If all knives have been removed, a new set must be installed without locking the gibs until all knives and gibs are in and the gib screws lightly snugged down. The locking process should proceed working from the center out on each knife and after locking all gib screws once, repeat the same sequence until all screws are equally tight. Locking one knife in without the others in position can cause cutterhead distortion.



QUIET CUTTERHEAD

The following is a list of steps to insure the proper installation of the cutterhead knives. If the knives are not to be jointed and ground, knife-to-knife height setting should be within .001 (.03mm) to insure smooth and accurate planing.

- Clean slots, holes and retainer plugs to be free of sawdust, chips, pitch and accumulated foreign material.
- Adjust half-dog setscrews in blade retainer plugs to be flush with the full round end.
- Working with one slot and one blade at a time, insert blade retaining plugs into the cutterhead with the round end down and the flat facing the slot.



- 4. Insert a blade into the cutterhead slot with the blade adjusting screws held in the notches of the blade.
- Screw in the blade adjusting screws clockwise alternating between screws until the tip of the blade is slightly higher than 1/8"(3.175mm) from the body of the cutter. A shop scale can be used for this rough setting.
- 6. Raise blade retainer plugs until they lightly contact the blade by turning the center setscrews clockwise.
- Zero the cutterhead gage with the body of the cutterhead. Note: Because of the different diameters on different sized planers, the gage zero should be checked before it is used.
- 8. Using the cutterhead gage centered over the tip of the blade, rotate blade adjusting screws clockwise to lower the blade tip to be .002(.05mm) less than 1/8"(3.18mm) over the full length of the blade. The heel of the bevel of the blade should be roughly 1/16"(1.59mm) outside the cutterhead diameter and on the opposite side from the retaining plugs.
- 9. With the gage still centered over the blade tip, lock the retaining plugs in position turning the center screws clockwise. In locking, the blade should lift up approximately .002(.051mm). Recheck both ends of the blade; it should be within .001(.03mm) of the .125(3.175mm) position end-to-end if blades are not to be jointed and ground before use.
- Repeat the above steps except #7 for each blade in the starting slot and then proceed in the same manner for the remaining slots. All blades should be the same height within .001 (.03mm).

Removal of Knives:

STANDARD CUTTERHEAD

- Loosen all gib screws in one slot.
- 2. Remove both knife, gib, and blade jacks.
- 3. Repeat steps 1 & 2 for the remaining knives.

Warang 2

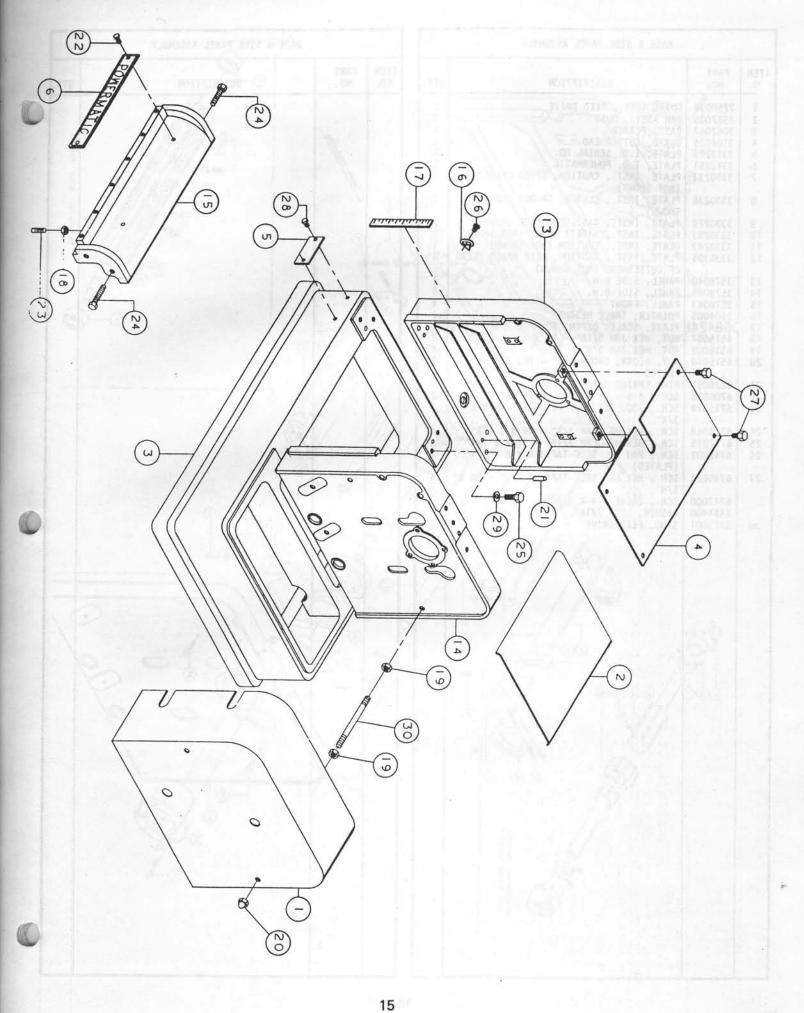
REF.	OTY.	Pov	REF. OTY. POWERMATIC NO.	ó		FG.	DES	MFG. DESCRIPTION)
		30	(30) 6816113		STARTER , N	MAGNE	TIC,	FURNAS	STARTER, MAGNETIC, FURNAS, 14DF 32BC71
5	S I	(10)	(10) 6816.07		STARTER , N	MAGNE	TIC ,	FURNAS,	STARTER , MAGNETIC , FURNAS , MEFIZBAT
(CBB)			6821118		SWITCH , F	URNAS	, MC	MENTARY	SWITCH, FURNAS, MOMENTARY PB, SOCA3DF

MOTOR MOTOR		MOTOR STARTER	
	¥114	x2 101 7	
		START)
3 8 60 7	¥ =	XI N IPB 2 STOP STOP	

n
LINE
OMIT
TINO
ğ
SINGLE
FOR

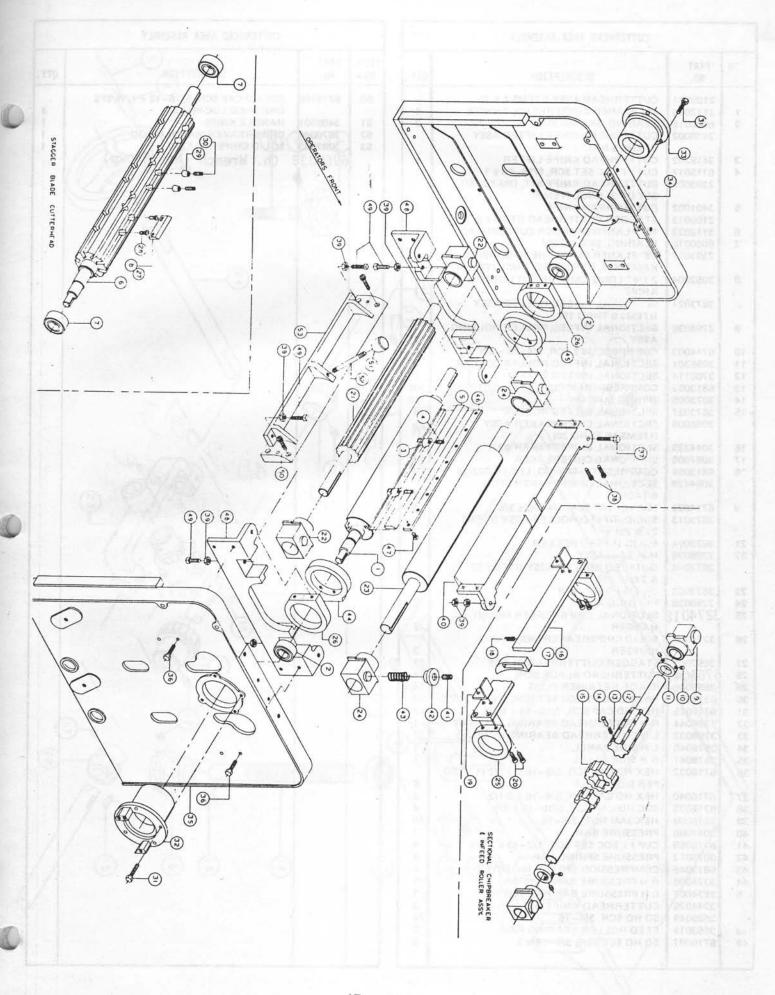
	1
-	
-@ @-P ×	
-6 O-F \$ 5	VOLIS
	460
H3 H2	
TRANS	
@	1
@@25 \$29	-
0	STS-
4	230 X
HARY MARY	
HIGH H3	
	H3 H2 H3 H2 () (8) (9) H10 H3 H2 () (8) (9) H10 H3 H2 () (8) (9) H10 H3 H2 () (8) (11 T2 H2) H10 H3 H2 () (8) (11 T2 H2) H10 H3 H2 () (8) (11 T2 H2) H10 H3

REF.	OTY.	REF. OTY. POWERNATIC NO.	NO MFG DESCRIPTION
(PB-)	-	6821118	SWITCH, FURNAS, MOMENTARY PB, SOCA3DF
-	1	6831068	TRANSFORMER, 115/230-24 V, 50 VA
	-	6931069	230/460-24 V , 75 VA
		6831070	" 230/460 HIS V, 50 VA
M		6816121	STARTER, MAG. W/XMR, 10,24 V, FURNAS MEFIOTONS
N.T.V.	-	6816140	" " 10,115 V, 14EFIO7019
XMR		6816124	30,24 V, " 140F32BJJBD
		6816128	" " 30,115 V, " 14 DF 32 BA71 BA
		6472013	MOTOR, ELEC., 3HP, 10, 3600 RPM, 115/230 V, 182T FR.
16		6472027	3HP, 3Ø,3600 RPM, 200V, 162 T FR,
		6472026	" 3HP, 30,3600 RPM, 230/460V, 182T FR.
Z.	-	6472328	- " 5HP, 10,3600RPM, 115/230 V, 184T FR.
		6472320	" 5 HP , 30,3600RPM, 200V , 184T FR.
63		6472319	" 5 HP , 30,3600 RPM , 230/460 V, 184T FR.
10		6472512	" 72HP, 30,3600RPM, 200V, 213 T FR.
ry er		6472507	. " 75 HP, 30,3600 RPM, 230/460V, 213T FR.



TEM NO. DESCRIPTION QTY.			BASE & SIDE PANEL ASSEMBLY			_
2 2577005 PAN ASSY., DUST 3 3042067 BASE, PLANER 4 3104026 GUARD, CUTTERHEAD 5 3312228 PLATE, I.D. SERIAL NO. 6 3312251 PLATE, I.D. POWERMATIC 7 3330233 PLATE, I.ST., CAUTION, SPEED CHANGING (NOT SHOWN) 8 3330236 PLATE, INST., CLUTCH, IN-OUT (NOT SHOWN) 9 3330279 PLATE, INST., FAST-SLOW (NOT SHOWN) 10 3330283 PLATE, INST., SAFETY RULES (NOT SHOWN) 11 3330287 PLATE, INST., CAUTION (NOT SHOWN) 12 3330305 PLATE, INST., CAUTION (NOT SHOWN) 13 3578040 PANEL, SIDE L.H. 14 3578041 PANEL, SIDE R.H. 15 3578042 PANEL, SIDE R.H. 16 3604005 POINTER, TABLE HEIGHT 17 3684248 PLATE, SCALE, DEPTH, 6" 18 6515007 NUT, HEX JAM 5/16" - 18 20 6516010 NUT, ACORN, CROWN 3/8" - 16, ZINC 21 6626051 PIN, SPRING 3/8" X 1 1/4" 22 6706028 SCR., # 6 - 32 X 3/8", FLAT HD. 23 6715019 SCR., SOC. SET, CUP PT. 5/16" - 18 X 2 3/4" 24 6716040 SCR., HEX HD. CAP 3/8" - 16 X 2 1/2" 25 6717015 SCR., HEX HD. CAP 3/8" - 16 X 2 1/2" 26 6746001 SCR., PAN HD. SELF-TAPPING # 6 X 1/4" 27 6746023 SCR., HEX HD. CAP 7/16" - 14 X 1 1/4" 28 6747000 SCR., DRIVE # 4 X 3/16" 29 6747000 SCR., DRIVE # 4 X 3/16" 6764000 SCR., DRIVE # 4 X 3/16" 6764000 SCR., DRIVE # 4 X 3/16"	TEM 'O.	10000000	DESCRIPTION	QTY.		1
3 3042067 BASE, PLANER 4 3104026 GUARD, CUTTERHEAD 5 3312228 PLATE, I.D. SERIAL NO. 6 3312251 PLATE, I.D. POWERMATIC 7 3330233 PLATE INST., CAUTION, SPEED CHANGING 8 3330236 PLATE, INST., CLUTCH, IN-OUT (NOT SHOWN) 9 3330279 PLATE, INST., FAST-SLOW (NOT SHOWN) 10 3330287 PLATE, INST., SAFETY RULES (NOT SHOWN) 11 3330287 PLATE, INST., CAUTION (NOT SHOWN) 12 3330305 PLATE, INST., CAUTION (NOT SHOWN) 13 3578040 PLATE, INST., CAUTION (NOT SHOWN) 14 3578041 PANEL, SIDE L.H. 15 3578043 PANEL, SIDE R.H. 16 3604005 POINTER, TABLE HEIGHT 17 3684248 PLATE, SCALE, DEPTH, 6" 18 6515007 NUT, HEX JAM 5/16" - 16 18 6715019 SCR., W. 6 - 32 X 3/8", FLAT HD. 20 6516010 NUT, ACORN, CROWN 3/8" - 16, ZINC 21 6626051 PIN, SPRING 3/8" X 1 1/4" 22 6706028 SCR., W. 6 - 32 X 3/8", FLAT HD. 23 6715019 SCR., SOC. SET, CUP PT. 5/16" - 18 X 2 3/4" 24 6716040 SCR., HEX HD. CAP 3/8" - 16 X 2 1/2" 25 6746001 SCR., PAN HD. SELF-TAPPING # 6 X 1/4" 17 (PLATED) 27 6746023 SCR., PRIVE # 4 X 3/16" 28 6747000 SCR., DRIVE # 4 X 3/16" 29 6747000 SCR., DRIVE # 4 X 3/16" 20 6861400 WASHER, LOCK 7/16"						1
3104026 GUARD, CUTTERHEAD 1 1 1 1 1 1 1 1 1	2			1000		
5 3312228 PLATE, I.D. SERIAL NO. 6 3312251 PLATE, I.D. POWERMATIC 7 3330233 PLATE INST., CAUTION, SPEED CHANGING (NOT SHOWN) 8 3330236 PLATE, INST., CLUTCH, IN-OUT (NOT SHOWN) 9 3330279 PLATE, INST., FAST-SLOW (NOT SHOWN) 10 3330283 PLATE, INST., SAFETY RULES (NOT SHOWN) 11 3330287 PLATE, INST., CAUTION (NOT SHOWN) 12 3330305 PLATE, INST., CAUTION, DEEP HANDS CLEAR OF CUTTERHEAD (NOT SHOWN) 14 3578041 PANEL, SIDE L.H. 15 3578043 PANEL, SIDE R.H. 16 3604005 POINTER, TABLE HEIGHT 17 3684248 PLATE, SCALE, DEPTH, 6" 18 6515007 NUT, HEX JAM 5/16" - 18 18 6515007 NUT, HEX JAM 5/16" - 18 19 6516010 NUT, ACORN, CROWN 3/8" - 16, ZINC 19 6516010 PIN, SPRING 3/8" X 1 1/4" 10 6626051 PIN, SPRING 3/8" X 1 1/4" 11 6626051 PIN, SPRING 3/8" X 1 1/4" 12 6706028 SCR., # 6 - 32 X 3/8", FLAT HD. 18 6715019 SCR., SOC. SET, CUP PT. 5/16" - 18 X 2/4" 19 6716040 SCR., HEX HD. CAP 3/8" - 16 X 2 1/2" 19 6746001 SCR., PAN HD. SELF-TAPPING # 6 X 1/4" 10 (PLATED) 17 6746023 SCR., HEX HD. SELF-TAPPING # 6 X 1/4" 11 (PLATED) 17 6746023 SCR., DRIVE # 4 X 3/16" 18 6747000 SCR., DRIVE # 4 X 3/16" 19 6747000 SCR., DRIVE # 4 X 3/16" 20 6747000 SCR., DRIVE # 4 X 3/16" 21 6747000 SCR., DRIVE # 4 X 3/16" 22 6747000 SCR., DRIVE # 4 X 3/16" 23 6747000 SCR., DRIVE # 4 X 3/16" 24 6747000 SCR., DRIVE # 4 X 3/16" 25 6747000 SCR., DRIVE # 4 X 3/16" 26 6747000 SCR., DRIVE # 4 X 3/16"	4	5-27 (A-12) (A-12)	GUARD, CUTTERHEAD		1000	
3330233		17-01-70 Exception (0.45-7)	PLATE, I.D. SERIAL NO.			
8 3330236 PLATE, INST., CLUTCH, IN-OUT (NOT SHOWN) 9 3330279 PLATE, INST., FAST-SLOW (NOT SHOWN) 10 3330283 PLATE, INST., SAFETY RULES (NOT SHOWN) 11 3330287 PLATE, INST., CAUTION (NOT SHOWN) 12 3330305 PLATE, INST., CAUTION, DEEP HANDS CLEAR 13 3578040 PANEL, SIDE L.H. 14 3578041 PANEL, SIDE L.H. 15 3578042 PANEL, FRONT 16 3684248 PLATE, SCALE, DEPTH, 6" 17 3684248 PLATE, SCALE, DEPTH, 6" 18 6515007 NUT, HEX JAM 3/8" - 16 19 6516009 NUT, HEX JAM 3/8" - 16 20 6516010 NUT, ACORN, CROWN 3/8" - 16, ZINC 21 6626051 PIN, SPRING 3/8" X 1 1/4" 22 6716040 SCR., # 6 - 32 X 3/8", FLAT HD. 23 6715019 SCR., SOC. SET, CUP PT. 5/16" - 18 X 2 3/4" 24 6716040 SCR., # 6 - 32 X 3/8", FLAT HD. 25 6716015 SCR., HEX HD. CAP 3/8" - 16 X 2 1/2" 26 6716040 SCR., HEX HD. CAP 7/16" - 14 X 1 1/4" 27 6746023 SCR., HEX HD. CAP 7/16" - 14 X 1 1/4" 28 6746001 SCR., PAN HD. SELF-TAPPING # 6 X 1/4" 29 6746023 SCR., HEX HD. SELF-TAPPING # 6 X 1/4" 20 6747000 SCR., DRIVE # 4 X 3/16" 21 6747000 SCR., DRIVE # 4 X 3/16" 22 6747000 WASHER, LOCK 7/16"	7					
9 3330279 PLATE, INST., FAST-SLOW (NOT SHOWN) 10 3330283 PLATE, INST., SAFETY RULES (NOT SHOWN) 11 3330287 PLATE, INST., CAUTION (NOT SHOWN) 12 3330305 PLATE, INST., CAUTION, DEEP HANDS CLEAR 14 3578040 PANEL, SIDE L.H. 15 3578041 PANEL, SIDE R.H. 16 3578043 PANEL, FRONT 17 3684248 PLATE, SCALE, DEPTH, 6" 18 6515007 NUT, HEX JAM 5/16" - 18 19 6516010 NUT, HEX JAM 5/16" - 18 20 6516010 NUT, HEX JAM 3/8" - 16 21 6626051 PIN, SPRING 3/8" X 1 1/4" 22 6706028 SCR., # 6 - 32 X 3/8", FLAT HD. 23 6715019 SCR., SOC. SET, CUP PT. 5/16" - 18 X 3/4" 24 6716040 SCR., HEX HD. CAP 3/8" - 16 X 2 1/2" 25 6717015 SCR., HEX HD. CAP 3/8" - 16 X 2 1/2" 26 6746001 SCR., PAN HD. SELF-TAPPING # 6 X 1/4" 27 6747000 SCR., DRIVE # 4 X 3/16" 28 6747000 WASHER, LOCK 7/16" 8	8		PLATE, INST., CLUTCH, IN-OUT (NOT	1		
10	q	3330279		1		
12			PLATE, INST., SAFETY RULES (NOT SHOWN)	1		1
OF CUTTERHEAD (NOT SHOWN) 3 3578040 4 3578041 5 3578043 PANEL, SIDE L.H. 5 3578043 PANEL, FRONT 6 3604005 1 7 3684248 PLATE, SCALE, DEPTH, 6" 1						
3578040 PANEL, SIDE L.H. 3578041 PAHEL, SIDE R.H. 3578043 PANEL, FRONT 3684248 PLATE, SCALE, DEPTH, 6" 3684248 PLATE, SCALE, DEPTH, 6" 3615007 NUT, HEX JAM 5/16" - 18 3616009 NUT, HEX JAM 3/8" - 16 3616010 NUT, ACORN, CROWN 3/8" - 16, ZINC PLATED 46706028 SCR., # 6 - 32 X 3/8", FLAT HD. 36715019 SCR., SOC. SET, CUP PT. 5/16" - 18 X 3/4" 4716040 SCR., HEX HD. CAP 3/8" - 16 X 2 1/2" 4716040 SCR., HEX HD. CAP 7/16" - 14 X 1 1/4" 4716040 SCR., PAN HD. SELF-TAPPING # 6 X 1/4" (PLATED) 4716040 SCR., HEX HD. SELF-TAPPING # 6 X 1/4" (PLATED) 5716040 SCR., DRIVE # 4 X 3/16"	-	3330305		1		ı
14 3578041 PANEL, SIDE R.H. 1 3578043 PANEL, FRONT 1 1 1 1 1 1 1 1 1		3578040	PANEL, SIDE L.H.		1	
166 3604005 POINTER, TABLE HEIGHT 17 3684248 PLATE, SCALE, DEPTH, 6" 18 6515007 NUT, HEX JAM 5/16" - 18 2 2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4			PANEL, SIDE R.H.		1	+
3684248 PLATE, SCALE, DEPTH, 6" 1 6515007 NUT, HEX JAM 5/16" - 18 2 6516009 NUT, HEX JAM 3/8" - 16 3 6516010 NUT, ACORN, CROWN 3/8" - 16, ZINC PLATED 4 6626051 PIN, SPRING 3/8" X 1 1/4" 5 6706028 SCR., # 6 - 32 X 3/8", FLAT HD. 5 6715019 SCR., SOC. SET, CUP PT. 5/16" - 18 X 2 3/4" 6 6715019 SCR., HEX HD. CAP 3/8" - 16 X 2 1/2" 6 6717015 SCR., HEX HD. CAP 7/16" - 14 X 1 1/4" 8 6746001 SCR., PAN HD. SELF-TAPPING # 6 X 1/4" (PLATED) 6747000 SCR., HEX HD. SELF-TAPPING 1/4" - 20 X 4 5/8" 6747000 SCR., DRIVE # 4 X 3/16" 6861400 WASHER, LOCK 7/16"					10 1	
8 6515007 NUT, HEX JAM 5/16" - 18 2 4 4 5/1609 NUT, HEX JAM 3/8" - 16 4 4 5/16009 NUT, HEX JAM 3/8" - 16, ZINC 2 PLATED PIN, SPRING 3/8" X 1 1/4" 4 5/160028 SCR., # 6 - 32 X 3/8", FLAT HD. 2 6706028 SCR., \$ 6 - 32 X 3/8", FLAT HD. 2 2 6715019 SCR., SOC. SET, CUP PT. 5/16" - 18 X 2 3/4" 4 5/16040 SCR., HEX HD. CAP 3/8" - 16 X 2 1/2" 4 6716040 SCR., HEX HD. CAP 7/16" - 14 X 1 1/4" 8 6 6746001 SCR., PAN HD. SELF-TAPPING # 6 X 1/4" 1 (PLATED) SCR., HEX HD. SELF-TAPPING # 6 X 1/4" 1 5/8" 6747000 SCR., DRIVE # 4 X 3/16" 2 8 6861400 WASHER, LOCK 7/16" 8					4 /11	4
0 6516010 NUT, ACORN, CROWN 3/8" - 16, ZINC PLATED PIN, SPRING 3/8" X 1 1/4" 4 6706028 SCR., # 6 - 32 X 3/8", FLAT HD. 2 3/4" 5 6715019 SCR., SOC. SET, CUP PT. 5/16" - 18 X 2 3/4" 5 6717015 SCR., HEX HD. CAP 3/8" - 16 X 2 1/2" 4 6716040 SCR., PAN HD. SELF-TAPPING # 6 X 1/4" 1 (PLATED) 5 CR., HEX HD. SELF-TAPPING # 6 X 1/4" 1 (PLATED) 5 CR., HEX HD. SELF-TAPPING 1/4" - 20 X 5/8" 5/8" 5CR., DRIVE # 4 X 3/16" 2 6861400 WASHER, LOCK 7/16" 8	8	6515007	NUT, HEX JAM 5/16" - 18	2	11/11	
1 6626051 PIN, SPRING 3/8" X 1 1/4" 2 6706028 SCR., # 6 - 32 X 3/8", FLAT HD. 3 6715019 SCR., SOC. SET, CUP PT. 5/16" - 18 X 2 3/4" 4 6716040 SCR., HEX HD. CAP 3/8" - 16 X 2 1/2" 4 5 6717015 SCR., HEX HD. CAP 7/16" - 14 X 1 1/4" 8 6 6746001 SCR., PAN HD. SELF-TAPPING # 6 X 1/4" 1 (PLATED) 7 6746023 SCR., HEX HD. SELF-TAPPING 1/4" - 20 X 4 5/8" 6747000 SCR., DRIVE # 4 X 3/16" 2 6861400 WASHER, LOCK 7/16" 8	100		NUT, ACORN, CROWN 3/8" - 16, ZINC		17	1
22 6706028 SCR., # 6 - 32 X 3/8", FLAT HD. 2 23 6715019 SCR., SOC. SET, CUP PT. 5/16" - 18 X 3/4" 24 6716040 SCR., HEX HD. CAP 3/8" - 16 X 2 1/2" 4 25 6717015 SCR., HEX HD. CAP 7/16" - 14 X 1 1/4" 8 26 6746001 SCR., PAN HD. SELF-TAPPING # 6 X 1/4" 1 (PLATED) 27 6746023 SCR., HEX HD. SELF-TAPPING 1/4" - 20 X 4 5/8" 6747000 SCR., DRIVE # 4 X 3/16" 2 6861400 WASHER, LOCK 7/16" 8	21	6626051		4	100	4
3/4" SCR., HEX HD. CAP 3/8" - 16 X 2 1/2" 4 6716040 SCR., HEX HD. CAP 7/16" - 14 X 1 1/4" 8 6746001 SCR., PAN HD. SELF-TAPPING # 6 X 1/4" (PLATED) SCR., HEX HD. SELF-TAPPING 1/4" - 20 X 4 5/8" 6747000 SCR., DRIVE # 4 X 3/16" 6861400 WASHER, LOCK 7/16"	22	SYLMOUROPER OF A	SCR., # 6 - 32 X 3/8", FLAT HD.	2 2		
26 6746001 SCR., PAN HD. SELF-TAPPING # 6 X 1/4" 1 (PLATED) 27 6746023 SCR., HEX HD. SELF-TAPPING 1/4" - 20 X 4 5/8" SCR., DRIVE # 4 X 3/16" 2 8	24	6716040	3/4" SCR., HEX HD. CAP 3/8" - 16 X 2 1/2"			
27 6746023 SCR., HEX HD. SELF-TAPPING 1/4" - 20 X 4 5/8" 6747000 SCR., DRIVE # 4 X 3/16" 2 8	2000	T1000000000000000000000000000000000000	SCR., PAN HD. SELF-TAPPING # 6 X 1/4"			
6747000 SCR., DRIVE # 4 x 3/16" 2 6861400 WASHER, LOCK 7/16" 8	27	6746023	SCR., HEX HD. SELF-TAPPING 1/4" - 20 X	4		
	5U	6861400	SCR., DRIVE # 4 X 3/16" WASHER, LOCK 7/16"	8		
	30					
				3		
			\ \			
		9-40			0	
			9-1			
					1	1
					1	
			*			
			Salah Esta			
	*					
						10
			s			

ITEM NO.	PART NO.	DESCRIPTION	QTY.
	RIS P		
	letele.		
	1313131		
	11111		
77			-
			9
	18 3 2		(3)
1/	NE SE	All de la	100
Ati			
1			
	A		
E P			
7	1		
\			
7			
45			
1			He.
-	0.5		
	_ A		
	9/1/		
	27	1////	
1	1		
1			-
	1		
	1		
	7. 31		1
		9 3/ 12	0
	10	1 / 1	
4	1		
	E The		

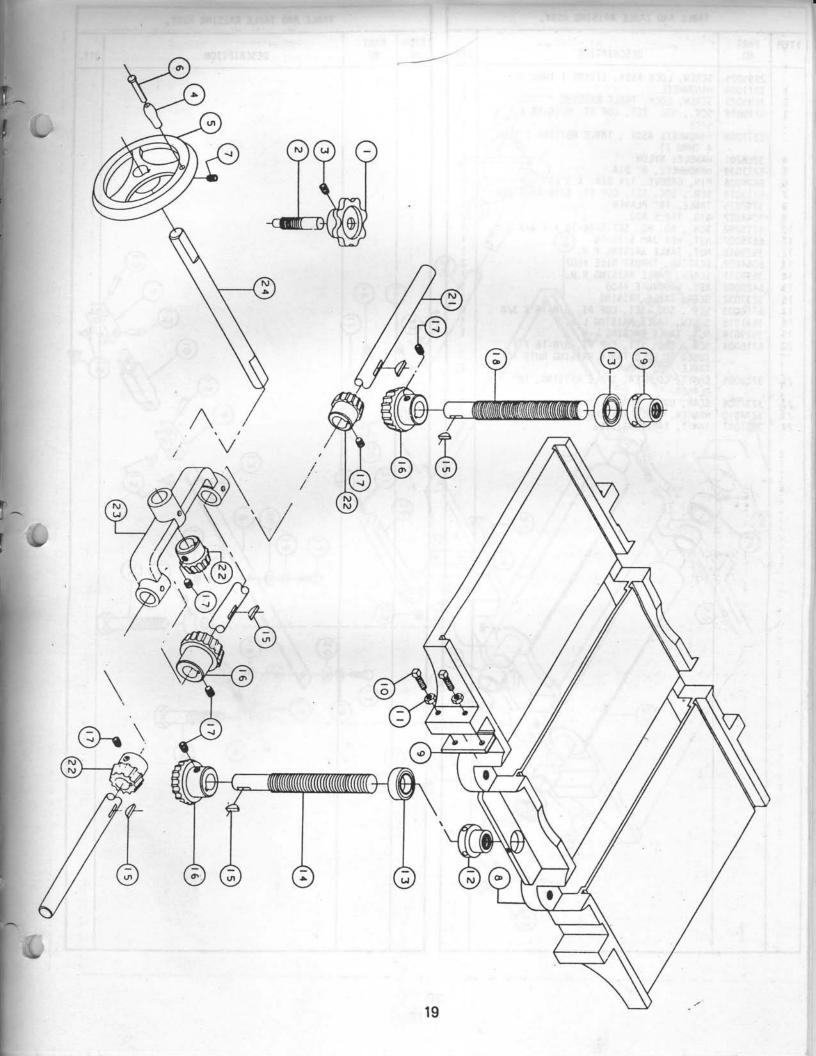


-M	PART	Valuation Transaction of Transaction	
	NO.	DESCRIPTION	QTY
	2109007	CUTTERHEAD ASSY (ITEMS 1 & 2)	
1	3112006	18" PLANER CUTTERHEAD, 3 KNIFE	1
2	6060018	BEARING, SKF 462307	2
	2438002		13
-	2400000	(ITEMS 3 & 4)	1 .
3	3438202 6715017	CUTTERHEAD KNIFE LIFTER CUP PT SOC SET SCR, 5/16–18 x 1	6
4	2393005		0
	2353005	SET OF 3) (INCL ITEM 5)	
5	3401002		3
	2109013	STAGGER CUTTERHEAD (ITEM 6 & 7)	
6	3112023	1.16) 3.7 L - 17 L - 17 L - 18 C - 17 L - 1	1
7	6060018		2
	2393017	18" PLANER CUTTERHEAD CARBIDE	1
	2052004	KNIFE KIT, (OPTIONAL) (INCL ITEM 8)	
8	3052004	2-1/4" LONG CARBIDE CUTTERHEAD	27
	2673021	SECTIONAL INFEED ROLLER ASSY	121
	2073021	(ITEMS 9 THRU 15)	
9	2298036	SECTIONAL INFEED ROLLER HOUSING	100
1287	HISTORY STATE OF	ASSY	2 4
10	6714003	CUP PT SOC SET SCR, 1/4-20 x 3/8	
11	3096301	SECTIONAL INFEED ROLLER COLLAR	2
12	3700114		1
13	6813093		108
14	3073005		108
15	3673037 2086008	SECTIONAL INFEED ROLLER SECTIONAL CHIPBREAKER ASSY	18
	2006000	(ITEMS 16 THRU 20)	
16	3044325	SECTIONAL CHIPBREAKER BAR	1
17	3087008	SE THONAL CHIPBREAKER	18
48	6813094	COMPRESSION SPRING, LEE LC-022C-6	18
917	3064428	SECT ONAL CHIPBREAKER STOP	
	Sau waxaa	BRACKST	2
J	6714023	SOC (L) LAP SCR, 1/4-20 x 3/8	4
	2673013	SOLID INFEED ROLLER ASSY (ITEMS	1
21	3673024	21 & 221 SOLID INFEED ROLLER	1
22	2298038	HOLSING ASSY	2
22	2673014		1 -
	20.00	& 241	10
23	3673022	CHIPPELO ROLLER	1
24	2298038		2
25	3274018	SECTIONAL CHIPBREAKER MOUNTING	
		HANGER	2
26	3274008		
~~	2052000	HANGER	2
		STAGGER CUTTERHEAD BLADE CUTTERHEAD BLADE SCR	27 54
29		BLADE RETAINER PLUG	54
30	6714091	HALF DOG PT SOC SET SCR, 1/4-20 x 5/8	54
31	6717015	HEX HD CAP SCR, 7/16-14 x 1-1/4	7
32	3298044	R H CUTTERHEAD BEARING HOUSING	1
33	3298033	L H CUTTERHEAD BEARING HOUSING	1
34	3578040	L H SIDE PANEL	1
35	3578041	R H SIDE PANEL	1
36	6716032	HEX HD CAP SCR, 3/8-16 x 1-1/2 (4 USED	
. 7	6715010	PER SIDE RAIL)	8
37	6716040 6715025	HEX HD CAP SCR, 3/8-16 x 2-1/2	2
38 39	6516009	SOC HD CAP SCR, 5/16–18 x 3/4 HEX JAM NUT, 3/8–16	10
40	3044066	PRESSURE BAR	1
41	6718059	CUP PT SOC SET SCR, 1/2-13 x 1-3/4	4
42	3078013	PRESSURE SPRING CAP	4
43	6813046	COMPRESSION SPRING, No. 1601	4
44	3274006	R H PRESSURE BAR HANGER	1
5	3274007	L H PRESSURE BAR HANGER	1
	3244026	CUTTERHEAD KNIFE GIB	3
	3689049	SQ HD SCR, 3/8-16	24
.5	3653015	FEED ROLLER BEARING RAIL	2
49	6716087	SQ HD SET SCR, 3/8-16 x 2	6

NO.	PART NO.	DESCRIPTION	QTY
50 51 52 53	6715186 3406201 3670040 3087003 6960038	SOC HD CAP SCR, 5/16–18 x 1, W/SPS UNBRAKO LOC-WELL HANDLE KNOB CHIPBREAKER HANDLE ROD SOLID CHIPBREAKER	4 1 1 1 1
			Thinks
	170		5,
		003	
		305200 3 at home	
		R. C.	
			1
	4		

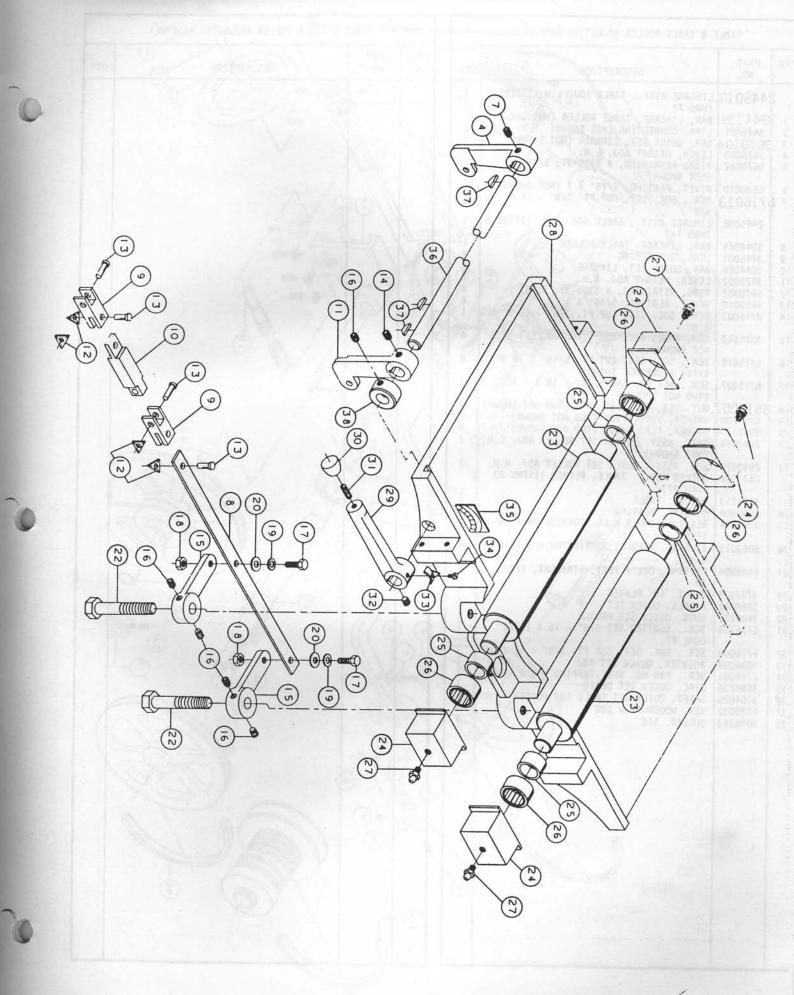
War and			-
ITEM NO	PART NO.	DESCRIPTION	QT
	2109007	CUTTERHEAD ASSY (ITEMS 1 & 2)	
1	3112006	18" PLANER CUTTERHEAD, 3 KNIFE	1 1
2	6060018		1 2
	2438002	1	
		(ITEMS 3 & 4)	
3	3438202		6
4	6715017		. 6
	2393005	The state of the s	
5	3401002	SET OF 3) (INCL ITEM 5) CUTTERHEAD KNIFE	
	2109013		3
6	3112023		١.
7	6060018		1 2
	2393017		1 2
		KNIFE KIT, (OPTIONAL) (INCL ITEM 8)	
8	3052004	2.1.4" LONG CARBIDE CUTTERHEAD	
	1	KNIFE	27
V	2673021	SECTIONAL INFEED ROLLER ASSY	1
		(ITEMS 9 THRU 15)	1
9	2298036	SECTIONAL INFEED ROLLER HOUSING	1
		ASSY	2
10	6714003		4
11	3096301	SECTIONAL INFEED ROLLER COLLAR	2
12	3700114	SECTIONAL INFEED SHAFT	1
13	6813093	COMPRESSION SPRING, LEE LC-038C-10	10
15√	3073005 3673037	SPRING BUTTON	10
150	2086008	SECTIONAL INFEED ROLLER SECTIONAL CHIPBREAKER ASSY	18
	2000000	(ITEMS 16 THRU 20)	
16	3044325	SECTIONAL CHIPBREAKER BAR	1.
17	3087008	SI CTIONAL CHIPBREAKER	1
18	6813094	COMPRESSION SPRING, LEE LC-022C-6	18
•9	3064428	SECT. ONAL CHIPBREAKER STOP	118
		BRACKET	2
)	6714023	SOC HD CAP SCR, 1/4-20 x 3/8	1 4
	2673013	SOLID INFEED ROLLER ASSY (ITEMS	1
200		21 & 22)	
21	3673024	SOLID INFEED ROLLER	1
22	2298038	HOLSING ASSY	2
	2673014	GUTFEED ROLLER ASSY (ITEMS 23	
23	3673023	8 24)	
24	2298038	CHIFEED ROLLER FRODRIG ASSY	1
25	3273018	SECTIONAL CHIPBREAKER MOUNTING	2
-	52750.0	HANGER	
26	3274008	SOLID CHIPBREAKER MOUNTING	2
		HANGER	2
27	3052003	STAGGER CUTTERHEAD BLADE	27
28	3695067	CUTTERHEAD BLADE SCR	54
29	3598046	BLADE RETAINER PLUG	54
	6714091	HALF DOG PT SOC SET SCR, 1/4-20 x 5/8	54
	6717015	HEX HD CAP SCR, 7/16-14 x 1-1/4	7
	3298044	R H CUTTERHEAD BEARING HOUSING	1
	3298033	L H CUTTERHEAD BEARING HOUSING	1
	3578040	L H SIDE PANEL	1
200	3578041	R H SIDE PANEL	1
36	6716032	HEX HD CAP SCR, 3/8-16 x 1-1/2 (4 USED	
37	6716040	PER SIDE RAIL)	8
2423	6716040 6715025	HEX HD CAP SCR, 3/8-16 x 2-1/2	2
	6516009	SOC HD CAP SCR, 5/16-18 x 3/4 HEX JAM NUT, 3/8-16	4
	3044066	PRESSURE BAR	10
	6718059	CUP PT SOC SET SCR, 1/2-13 x 1-3/4	1!
08VI P	3078013	PRESSURE SPRING CAP	14
	6813046	COMPRESSION SPRING, No. 1601	4
100	3274006	R H PRESSURE BAR HANGER	4
000	3274007	L H PRESSURE BAR HANGER	1
	3244026	CUTTERHEAD KNIFE GIB	3
	3689049	SQ HD SCR, 3/8-16	24
	3653015	FEED ROLLER BEARING RAIL	
3	0000010	FEED HOLLER BEARING HAII	2

		CUTTERHEAD AREA ASSEMBLY	
ITEM NO.	PART NO.	DESCRIPTION	QT
50 51 52 53	6715186 3406201 3670040 3087003	SOC HD CAP SCR, 5/16—18 x 1, W/SPS UNBRAKO LOC-WELL HANDLE KNOB CHIPBREAKER HANDLE ROD SOLID CHIPBREAKER	1
		3695067-5/6 67640434-2	1-
	N. N	Mar things	
		OBSOLETE LIST	



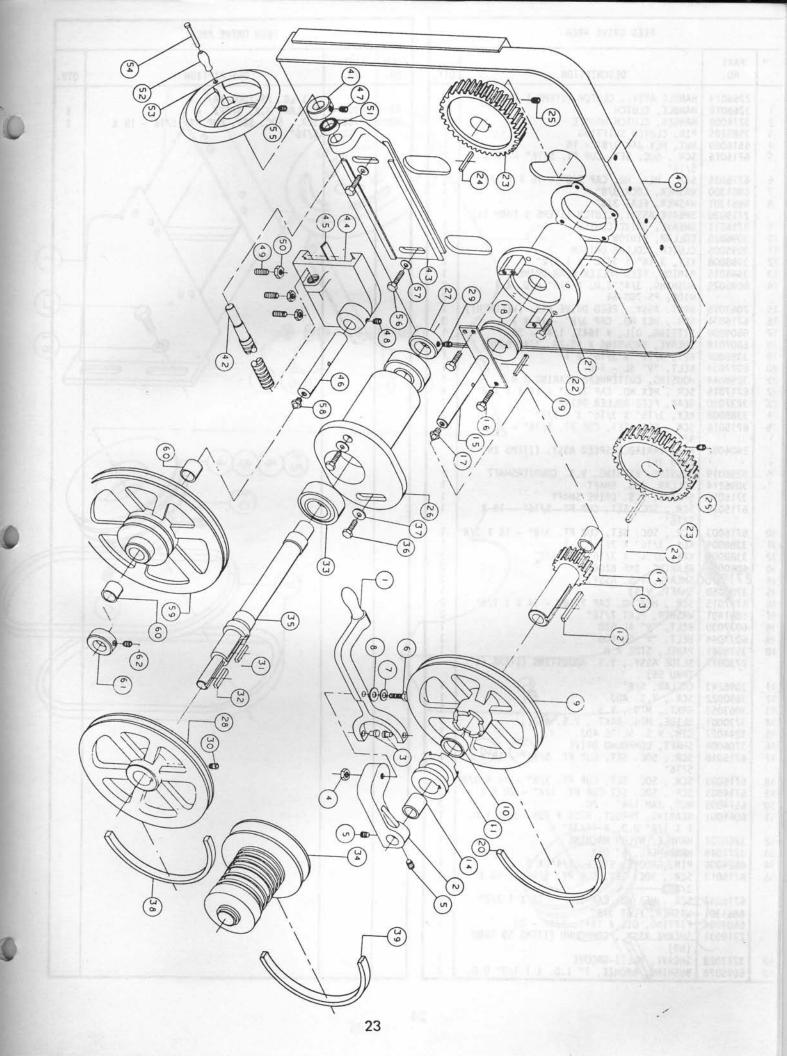
TEM	PART NO.	DESCRIPTION	QTY
1 2 3	2695025 3271008 3695033 6715016	SCREW, LOCK ASSY. (ITEMS 1 THRU 3) HANDWHEEL SCREW, LOCK, TABLE RAISING SCR., SOC. SET, CUP PT. 5/16-18 X	1
	2271008	5/16 HANDWHEEL ASSY., TABLE RAISING (ITEMS	1
4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	3268201 3271039 6624006 6715013 3797075 3244022 6715092 6515007 3529018 6064002 3691011 6420002 3237032 6716003 3691018 3529019 6716004	4 THRU 7) HANDLE, NYLON HANDWHEEL, 8" DIA. PIN, GROOVE, 1/4 DIA. X 3 LG. SCR., SOC. SET, CUP PT. 5/16-18 X 3/8 TABLE, 18" PLANER GIB, TABLE ADJ. SCR., SQ. HD. SET 5/16-18 X 1 3/4 NUT, HEX JAM 5/16-18 NUT, TABLE RAISING R.H. BEARING, THRUST NICE #607 SCREW, TABLE RAISING R.H. KEY, WOODRUFF #608 GEAR, TABLE RAISING SCR., SOC. SET. CUP PT. 3/8-16 X 3/8 SCREW, TABLE RAISING L.H. NUT, TABLE RAISING L.H. SCR., SOC. SET, CUP PT. 3/8-16 X 1	1 1 1 1 1 2 4 4 4 1 2 1 5 3 6 1 1
21	3705005	(USED TO HOLD TABLE RAISING NUTS TO TABLE: NOT SHOWN) SHAFT, COUNTER, TABLE RAISING, 18"	2
22	3237006	PLANER GEAR, DRIVE SHAFT	1 3
23	3274010 3701007	HANGER, TABLE RAISING SHAFT SHAFT, TABLE RAISING	1
	The same	the first of the property of the same and the straight	43
	1913 2248 2628 2628	A STATE OF THE PROPERTY OF THE PARTY OF THE	N
	10 Fax 2 2 May 2 0 Fax 3 7 Au 2 7 Au	A STATE OF THE STA	N
The second second	2274	To a final a company of the common of the co	
NAME OF STREET	22747 17947 57641	A CONTRACTOR AND LACE OF MOUNTAINS AND LACE	
1000	22747	TO THE PROPERTY OF THE PARTY OF	
W 18 18 18 18 18 18 18 18 18 18 18 18 18	22747 17947 57641	A CONTRACTOR OF THE CONTRACTOR	
W 84 14 15 15	22747 17947 57641	A TOTAL COMMITTEE AND A SECOND STATE OF THE SE	
10000000000000000000000000000000000000	22747 17947 57641	A PROBLEM OF THE PARTY OF THE P	
SELL CENTRALISM		TO SERVICE OF THE RESIDENCE OF THE SERVICE OF THE S	
A 5 条項を引、母を下が 4 4 4 15 5 2		A PRINCIPAL AND THE PROPERTY OF THE PROPERTY O	
5. 監察を引、 留室を対象を対象を		THE RESERVE TO SERVE THE RESERVE THE RESER	

ITEM NO.	PART NO.	DESCRIPTION	QTY
	1 1111	DESCRIPTION	Q E I
1		(2)	
	400		
			N
	The second		7
	X(e)		
	1		
V			
	VI I		
1	18		
1	Tig.		
91	8 6		
7			
	9		
/			
			4
		I LANGE	
10-			/
-			
7			THE
1			
1			
L			
(0)			113



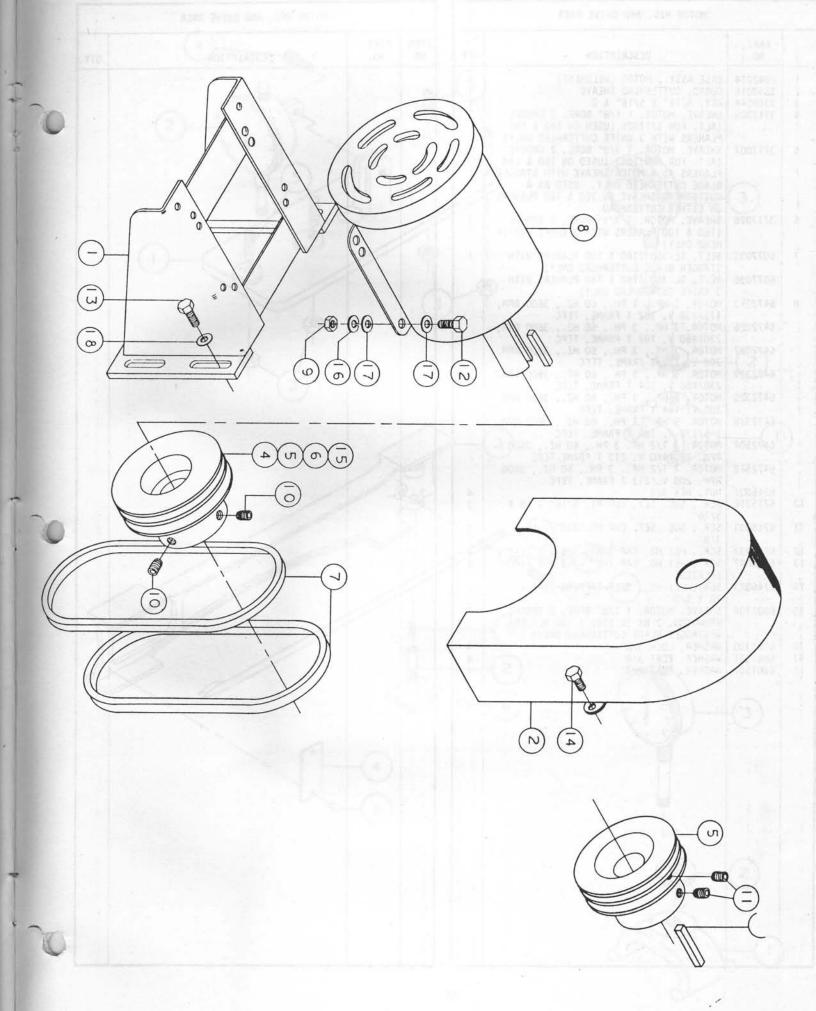
9 3445001 LINK, CONNECTING 3044026 BAR, QUICK SET, LINKAGE 1 3426002 LEVER, HEIGHT ADJ. R.H. 2 6670082 RING, RETAINING, # 5305-31, 5/16" 4 6716003 SCR., SOC. SET, CUP PT. 3/8" - 16 X 3/8" 5 3025010 ARM, TABLE ROLL ADJ. (TWO ON LEFT SIDE NOT SHOWN) 6 6715016 SCR., SOC. SET, CUT PT. 5/16" - 18 X 5/16" (FOUR NOT SHOWN) 7 6715037 (TWO NOT SHOWN) 8 6515007 NUT, HEX JAM 5/16" - 18 (TWO NOT SHOWN) 9 6861200 WASHER, LOCK 5/16" (TWO NOT SHOWN) 10 6861201 WASHER, LOCK 5/16" (TWO NOT SHOWN) 11 2690019 SCR., ASSY., QUICK SET ROLLER ADJ. L.H. 12 (NOT SHOWN) 13 673013 ROLLER ASSY., TABLE, PLANER (ITEMS 23 THRU 27) 13 673013 ROLLER, TABLE 14 6063014 BEARING, INNER RACE, TORRINGTON # IR- 12 16 12 6060004 FITTING, OIL # 1641, STRAIGHT, 1/4" - 28 13 797075 TABLE, 18" PLANER 14 3298008 BEARING, NEEDLE, TORRINGTON # B 1616 0.H. 12 16 17 6609004 FITTING, OIL # 1641, STRAIGHT, 1/4" - 28 18 3797075 TABLE, 18" PLANER 19 3268012 SCR., SLOTTED SET 3/8" - 16 X 1 1/2" 18 671603 SCR., SCO. SET, CUP PT. 3/8" - 16 X 3/8" 18 3604009 POINTER, QUICK SET ADJ. 26 6716003 SCR., SOC. SET, CUP PT. 3/8" - 16 X 3/8" 27 6716003 SCR., SOC. SET, CUP PT. 3/8" - 16 X 3/8" 28 379005 SCR., SOC. SET, CUP PT. 3/8" - 16 X 3/8" 29 3704005 SCR., PAN HD. SELF-TAPPING # 6 X 1/4" 20 3684236 DIAL, QUICK SET DEPTH 20 3684236 DIAL, QUICK SET DEPTH 21 SHAFT, OUICK SET TABLE 18" PLANER 22 3704005 SCR., PAN HD. SELF-TAPPING # 6 X 1/4" 23 3704005 SCR., PAN HD. SELF-TAPPING # 6 X 1/4" 25 3704005 SCR., PAN HD. SELF-TAPPING # 6 X 1/4" 20 3704005 SCR., PAN HD. SELF-TAPPING # 6 X 1/4" 21 3684236 DIAL, QUICK SET DEPTH 21 31 31 31 31 31 31 31 31 31 31 31 31 31	2445010 1 3044339 2 3445001 2 3445001 3 3670104 3 3670104 3 3426003 4 3426003 5 6670082 8 1NG, RETAINING, # 5305-31, 5/16" (NOT SHOWN) 7 6716013 8 2445006 8 3044045 8 3044045 9 3445001 1 3NK, CONNECTING (NOT SHOWN) 8 2445006 1 3426002 1 10 2445006 8 3044045 9 3445001 1 10 3044026 1 3426002 2 6670082 1 3044026 1 3426002 2 6670082 1 3044026 1 3426002 2 6670082 1 3044026 1 3426002 2 6670082 1 3426002 2 6670082 3 6680010 3 680010 3 680010 3 680010 4 6715016 5 CR., SOC. SET, CUP PT. 3/8" - 16 X 3/8" 3 025010 3 0
THRU 7) 3044339 BAR, LINKAGE, TABLE ROLLER (NOT SHOWN) 1 3445001 LINK, CONNECTING (NOT SHOWN) 2 33670104 BAR, QUICK SET, LINKAGE (NOT SHOWN) 4 6670082 RING, RETAINING, # 5305-31, 5/16" (NOT SHOWN) 7 6716013 2445006 LINKAGE ASSY., TABLE ADJ. R.H. (ITEMS 8 THRU 14) 8 3044045 8 3044045 8 3044045 8 3044026 BAR, LINKAGE, TABLE ROLLER LINK, CONNECTING 1 3426002 LINK, CONNECTING 2 10 3044026 BAR, LINKAGE, TABLE ROLLER LINK, CONNECTING 2 10 3044026 BAR, LINKAGE, TABLE ROLLER LEVER, HEIGHT ADJ. R.H. RING, RETAINING, # 5305-31, 5/16" ARM, CONNECTING 3 3044026 BAR, LINKAGE, TABLE ROLLER LEVER, HEIGHT ADJ. R.H. RING, RETAINING, # 5305-31, 5/16" ARM, TABLE ROLL ADJ. (TWO ON LEFT SIDE NOT SHOWN) SCR., SOC. SET, CUP PT. 3/8" - 16 X 5/16" (FOUR NOT SHOWN) SCR., SOC. SET, CUT PT. 5/16" - 18 X 5/16" (FOUR NOT SHOWN) SCR., HEX HD. CAP 5/16" - 18 (TWO NOT SHOWN) 4 ASHER, LOCK 5/16" (TWO NOT SHOWN) SCR., ASSY., QUICK SET ROLLER ADJ. L.H. (NOT SHOWN) SCR., ASSY., QUICK SET ROLLER ADJ. L.H. (NOT SHOWN) SCR., ASSY., QUICK SET ROLLER ADJ. L.H. (NOT SHOWN) SCR., ASSY., QUICK SET ROLLER ADJ. R.H. 2690020 2673012 ROLLER ASSY., TABLE, PLANER (ITEMS 23 THRU 27) ROLLER ASSY., TABLE ROOSON HORDOWN HERE RING, RETAINING, # 5305-31, 5/16" ROLLER ASSY., TABLE, PLANER (ITEMS 23 THRU 27) ROLLER ASSY., OUICK SET ROLLER ADJ. ROLLER ASSY., OUICK SET ADJ. ROLLER ASSY., TABLE ADJ. ROLLER ASSY	THRU 7) BAR, LINKAGE, TABLE ROLLER (NOT SHOWN) 1 3445001 LINK, CONNECTING (NOT SHOWN) 1 3426003 LEVER, HEIGHT ADJ. L.H. RING, RETAINING, # 5305-31, 5/16" (NOT SHOWN) 1 6680010 RIVET, FLAT HD. 5/16" X 1 (NOT SHOWN) 2 2445006 RIVET, FLAT HD. 5/16" X 1 (NOT SHOWN) 3 3044045 BAR, LINKAGE ASSY., TABLE ADJ. R.H. (ITEMS 8 THRU 14) BAR, LINKAGE, TABLE ROLLER LINK, CONNECTING BAR, QUICK SET, LINKAGE 1 3426002 LEVER, HEIGHT ADJ. R.H. LINKA, CONNECTING BAR, QUICK SET, LINKAGE 1 3670082 RING, RETAINING, # 5305-31, 5/16" RIVET, FLAT HD. 5/16" X 1 SCR., SOC. SET, CUP PT. 3/8" - 16 X 3/8" 3025010 RMM, TABLE ROLL ADJ. (TWO ON LEFT SIDE NOT SHOWN) SCR., SOC. SET, CUP PT. 5/16" - 18 X 5/16" (FOUR NOT SHOWN) SCR., HEX HD. CAP 5/16" - 18 X 1 1/2" (TWO NOT SHOWN) SCR., HEX HD. CAP 5/16" - 18 X 1 1/2" (TWO NOT SHOWN) SCR., ASSY., QUICK SET ROLLER ADJ. L.H. (NOT SHOWN) SCR., ASSY., QUICK SET ROLLER ADJ. R.H. ROLLER ASSY., TABLE ROLLER ADJ. R.H. ROLLER ADJ. L.H. (NOT SHOWN) SCR., ASSY., QUICK SET ROLLER ADJ. R.H. ROLLER ASSY., TABLE, PLANER (ITEMS 23 THRU 27) ROLLER ASSY., TABLE, PLANER (ITEMS 23 THRU 27) ROLLER ASSY., TABLE, PLANER (ITEMS 23 THRU 27) ROLLER, TABLE HOUSING, BEARING BEARING, INNER RACE, TORRINGTON # IR- 1216 BEARING, INNER RACE, TORRINGTON # B 1616 O.H. FITTING, OIL # 1641, STRAIGHT, 1/4" -
2 3445001 LINK, CONNECTING (NOT SHOWN) 3 3670104 BAR, QUICK SET, LINKAGE (NOT SHOWN) 4 3426003 LEVER, HEIGHT ADJ. L.H. 5 6670082 RING, RETAINING, # 5305-31, 5/16" (NOT SHOWN) 6 6680010 RIVET, FLAT HD. 5/16" X 1 (NOT SHOWN) 7 6716013 SCR., SOC. SET, CUP PT. 3/8" - 16 X 3/8" 2445006 LINKAGE ASSY., TABLE ADJ. R.H. (ITEMS 8 THRU 14) 8 3044045 BAR, LINKAGE, TABLE ROLLER 10 3445001 LINK, CONNECTING 11 3426002 LEVER, HEIGHT ADJ. R.H. 12 EVER, HEIGHT ADJ. R.H. 13 G680010 RIVET, FLAT HD. 5/16" X 1 14 6716003 SCR., SOC. SET, CUP PT. 3/8" - 16 X 3/8" 15 3025010 ARM, TABLE ROLL ADJ. (TWO ON LEFT SIDE HOT SHOWN) 16 6715016 SCR., SOC. SET, CUP PT. 3/8" - 16 X 3/8" 17 6715037 CR., SOC. SET, CUT PT. 5/16" - 18 X 9 5/16" (FOUR NOT SHOWN) 18 6515007 HUT, HEX JAM 5/16" - 18 (TWO NOT SHOWN) 19 1 6861200 WASHER, LOCK 5/16" (TWO NOT SHOWN) 2 66801201 WASHER, LOCK 5/16" (TWO NOT SHOWN) 2 6681201 WASHER, LOCK 5/16" (TWO NOT SHOWN) 2 66801201 WASHER, LOCK 5/16" (TWO NOT SHOWN) 3 CR., ASSY., QUICK SET ROLLER ADJ. L.H. (NOT SHOWH) 2 2690020 SCR. ASSY., TABLE, PLANER (ITEMS 23 THRU 27) 3673013 ROLLER ASSY., TABLE, PLANER (ITEMS 23 THRU 27) 3673013 ROLLER ASSY., TABLE, PLANER (ITEMS 23 THRU 27) 3673014 BEARING, NEEDLE, TORRINGTON # IR- 1216 6063015 BEARING, NEEDLE, TORRINGTON # B 1616 O.H. FITTING, OIL # 1641, STRAIGHT, 1/4" - 28 3797075 TABLE. 18" PLANER 4306201 KNOB. QUICK SET ADDL. 50 2674005 SHAFT. OUICK SET ADDL. 51 3684236 DIAL, QUICK SET ADDL. 52 3684236 DIAL, QUICK SET ADDL. 53 3684236 DIAL, QUICK SET TABLE 18" PLANER	2 3445001 LINK, CONNECTING (NOT SHOWN) 3 3670104 BAR, QUICK SET, LINKAGE (NOT SHOWN) 4 3426003 LEVER, HEIGHT ADJ. L.H. 5 6670082 RING, RETAINING, # 5305-31, 5/16" (NOT SHOWN) 6 6680010 RIVET, FLAT HD. 5/16" X 1 (NOT SHOWN) 7 6716013 SCR. SOC. SET, CUP PT. 3/8" - 16 X 3/8" 2445006 LINKAGE ASSY., TABLE ADJ. R.H. (ITEMS 8 THRU 14) 8 3044045 BAR, LINKAGE, TABLE ROLLER 1 3445001 LINK, CONNECTING 9 3445002 LEVER, HEIGHT ADJ. R.H. 2 6670082 RING, RETAINING, # 5305-31, 5/16" 4 6716003 SCR., SOC. SET, CUP PT. 3/8" - 16 X 3/8" 5 3025010 RIVET, FLAT HD. 5/16" X 1 5 SCR., SOC. SET, CUP PT. 3/8" - 16 X 3/8" 6 AMM, TABLE ROLL ADJ. (TWO ON LEFT SIDE NOT SHOWN) 6 CONSTRUCT SHOWN) 7 6715037 SCR., HEX HD. CAP 5/16" - 18 X 1 1/2" (TWO NOT SHOWN) 8 6515007 NUT. HEX JAM 5/16" - 18 (TWO NOT SHOWN) 9 6861201 WASHER, LOCK 5/16" (TWO NOT SHOWN) 1 2690019 SCR., ASSY., QUICK SET ROLLER ADJ. L.H. (NOT SHOWN) 2 2690020 CORDINATE OF THE STORE ADD. 2 2690020 CORDINATE OF THE STORE ADD. 3 3673013 ROLLER ASSY., TABLE, PLANER (ITEMS 23 THRU 27) 3 3673013 ROLLER ASSY., TABLE, PLANER (ITEMS 23 THRU 27) 3 3673014 BEARING, INNER RACE, TORRINGTON # IR- 1216 BEARING, NEEDLE, TORRINGTON # B 1616 0.H. 6 669004 FITTING, OIL # 1641, STRAIGHT, 1/4" -
3670104 BAR, QUICK SET, LINKAGE (NOT SHOWN) 4 3426003 LEVER, HEIGHT ADJ. L.H. 5 6670082 RING, RETAINING, # 5305-31, 5/16" (NOT SHOWN) 6 6680010 RIVET, FLAT MD. 5/16" X 1 (NOT SHOWN) 7 6716013 SCR., SOC. SET, CUP PT. 3/8" - 16 X 3/8" 2445006 LINKAGE ASSY., TABLE ADJ. R.H. (ITEMS B THRU 14) 8 3044045 BAR, LINKAGE, TABLE ROLLER LINK, CONNECTING 2 BAR, QUICK SET, LINKAGE 1 BAR, LINKAGE, TABLE ROLLER 1 LINK, CONNECTING 2 CONNECTING	3 3670104 BAR, QUICK SET, LINKAGE (NOT SHOWN) 4 3426003 LEVER, HEIGHT ADJ. L.H. 5 6670082 RING, RETAINING, # 5305-31, 5/16" (NOT SHOWN) 6 6680010 RIVET, FLAT HD. 5/16" X 1 (NOT SHOWN) 7 6716013 SCR., SOC. SET, CUP PT. 3/8" - 16 X 3/8" LINKAGE ASSY., TABLE ADJ. R.H. (ITEMS 8 THRU 14) 8 3044045 BAR, LINKAGE, TABLE ROLLER LINK, CONNECTING BAR, QUICK SET, LINKAGE LEVER, HEIGHT ADJ. R.H. RING, RETAINING, # 5305-31, 5/16" RIVET, FLAT HD. 5/16" X 1 SCR., SOC. SET, CUP PT. 3/8" - 16 X 3/8" ARM, TABLE ROLL ADJ. (TWO ON LEFT SIDE NOT SHOWN) SCR., SOC. SET, CUP PT. 3/8" - 16 X 3/8" ARM, TABLE ROLL ADJ. (TWO ON LEFT SIDE NOT SHOWN) SCR., SOC. SET, CUT PT. 5/16" - 18 X 5/16" (FOUR NOT SHOWN) SCR., HEX HD. CAP 5/16" - 18 X 1 1/2" (TWO NOT SHOWN) SCR., ASSY., QUICK SET ROLLER ADJ. L.H. (NOT SHOWN) SCR., ASSY., QUICK SET ROLLER ADJ. L.H. (NOT SHOWN) SCR., ASSY., QUICK SET ROLLER ADJ. L.H. (NOT SHOWN) SCR., ASSY., QUICK SET ROLLER ADJ. L.H. (NOT SHOWN) SCR., ASSY., QUICK SET ROLLER ADJ. L.H. (NOT SHOWN) SCR., ASSY., QUICK SET ROLLER ADJ. L.H. (NOT SHOWN) SCR., ASSY., TABLE, PLANER (ITEMS 23 THRU 27) ROLLER ASSY., TABLE, PLANER (ITEMS 23 THRU 27) ROLLER, TABLE BEARING, INNER RACE, TORRINGTON # IR-1216 BEARING, INNER RACE, TORRINGTON # B 1616 O.H. C.H. (NOT SHOWN) FITTING, OIL # 1641, STRAIGHT, 1/4" - C.H. (NOT SHOWN) FITTING, OIL # 1641, STRAIGHT, 1/4" - C.H. (NOT SHOWN) FITTING, OIL # 1641, STRAIGHT, 1/4" - C.H. (NOT SHOWN) FITTING, OIL # 1641, STRAIGHT, 1/4" - C.H. (NOT SHOWN) FITTING, OIL # 1641, STRAIGHT, 1/4" - C.H. (NOT SHOWN) FITTING, OIL # 1641, STRAIGHT, 1/4" - C.H. (NOT SHOWN) FITTING, OIL # 1641, STRAIGHT, 1/4" - C.H. (NOT SHOWN) FITTING, OIL # 1641, STRAIGHT, 1/
LEVER, HEIGHT ADJ. C.H. 6 6670082 RING, RETAINING, # 5305-31, 5/16" (NOT SHOWN) 7 6716013 SCR., SOC. SET, CUP PT. 3/8" - 16 X 3/8" LINKAGE ASSY., TABLE ADJ. R.H. (ITEMS 8 THRU 14) 8 3044045 BAR, LINKAGE, TABLE ROLLER 1 LINK, CONNECTING 8 BAR, QUICK SET, LINKAGE 1 3426002 LEVER, HEIGHT ADJ. R.H. 2 6670082 RING, RETAINING, # 5305-31, 5/16" 3 668010 RIVET, FLAT HD. 5/16" X 1 3 668010 RIVET, FLAT HD. 5/16" X 1 3 668010 ARIVET, FLAT HD. 5/16" X 1 3 8" 3 025010 ARM, TABLE ROLL ADJ. (TWO ON LEFT SIDE NOT SHOWN) 5 CR., SOC. SET, CUP PT. 3/8" - 16 X 3/8" 6 6715016 SCR., SOC. SET, CUT PT. 5/16" - 18 X 5/16" (FOUR NOT SHOWN) 7 6715037 SCR., HEX HD. CAP 5/16" - 18 X 1 1/2" (TMO NOT SHOWN) 8 651200 WASHER, LOCK 5/16" (TWO NOT SHOWN) 9 6861201 WASHER, LOCK 5/16" (TWO NOT SHOWN) 10 6861201 SCR., ASSY., QUICK SET ROLLER ADJ. L.H. (NOT SHOWN) 10 SCR. ASSY., QUICK SET ROLLER ADJ. R.H. 11 270 12 2690020 SCR. ASSY., QUICK SET ROLLER ADJ. L.H. (NOT SHOWN) 12 2690019 SCR. ASSY., QUICK SET ROLLER ADJ. R.H. 12 27 3673013 ROLLER ASSY., TABLE, PLANER (ITEMS 23 THRU 27) 13 3673014 BEARING, BEARING 15 6609004 FITTING, OIL # 1641, STRAIGHT, 1/4" - 28 16 6716003 SCR., SOC. SET, CUP PT. 3/8" - 16 X 3/8" 17 17 17 18 18 18" PLANER 18 3797075 TABLE. 18" PLANER 18 3797075 TABLE. 18" PLANER 19 3268012 KNOB, QUICK SET HANDLE 10 3604009 POINTER, QUICK SET HANDLE 11 SCR., SOC. SET, CUP PT. 3/8" - 16 X 3/8" 11 SCR., SOC. SET, CUP PT. 3/8" - 16 X 3/8" 12 36804201 KNOB, QUICK SET HANDLE 13 3604009 POINTER, QUICK SET ADJ. 15 3684236 JAMPONS SCR., PAN HD. SELF-TAPPING # 6 X 1/4" 15 3684236 JAMPONS SCR., PAN HD. SELF-TAPPING # 6 X 1/4" 15 3684236 JAMPONS SCR., PAN HD. SELF-TAPPING # 6 X 1/4" 15 3684236 JAMPONS SCR., PAN HD. SELF-TAPPING # 6 X 1/4" 15 3684236 JAMPONS SCR., PAN HD. SELF-TAPPING # 6 X 1/4" 15 3684236 JAMPONS SCR., PAN HD. SELF-TAPPING # 6 X 1/4" 15 3684236 JAMPONS SCR., PAN HD. SELF-TAPPING # 6 X 1/4" 15 3684236 JAMPONS SCR., PAN HD. SELF-TAPPING # 6 X 1/4" 15 3684236 JAMPONS SCR., PAN HD. SELF-TAPPING # 6 X 1/4"	44 3425003 LEVER, HEIGHT ADJ. L.N. 65 6670082 RING, RETAINING, # 5305-31, 5/16" 66 680010 RIVET, FLAT HD. 5/16" X 1 (NOT SHOWN) 76 6716013 SCR., SOC. SET, CUP PT. 3/8" - 16 X 87
(NOT SHOWN) RIVET, FLAT HD. 5/16" X 1 (NOT SHOWN) 2445006 RIVET, FLAT HD. 5/16" X 1 (NOT SHOWN) 13/8" 2445006 RIVET, FLAT HD. 5/16" X 1 (NOT SHOWN) 13/8" 2445006 RIVET, FLAT HD. 5/16" X 1 RINKAGE ASSY., TABLE ADJ. R.H. (ITEMS B THRU 14) 19 3445001 10 3044026 BAR. LINKAGE, TABLE ROLLER 11 10 10 10 10 10 10 10 10 10 10 10 10 1	(NOT SHOWN) RIVET, FLAT HD. 5/16" X 1 (NOT SHOWN) SCR., SOC. SET, CUP PT. 3/8" - 16 X 3/8" LINKAGE ASSY., TABLE ADJ. R.H. (ITEMS 8 THRU 14) BAR, LINKAGE, TABLE ROLLER LINK, CONNECTING BAR, QUICK SET, LINKAGE LEVER, HEIGHT ADJ. R.H. RING, RETAINING, # 5305-31, 5/16" RIVET, FLAT HD. 5/16" X 1 SCR., SOC. SET, CUP PT. 3/8" - 16 X 3/8" ARM, TABLE ROLL ADJ. (TWO ON LEFT SIDE NOT SHOWN) SCR., SOC. SET, CUT PT. 5/16" - 18 X 5/16" (FOUR NOT SHOWN) CR., HEX HD. CAP 5/16" - 18 X 1 1/2" (TWO NOT SHOWN) CRANCE HEX HOLLER HOL
	6 6680010 RIVET, FLAT HD. 5/16" X 1 (NOT SHOWN) 7 6716013 SCR., SOC. SET, CUP PT. 3/8" - 16 X 2445006 SCR., SOC. SET, CUP PT. 3/8" - 16 X 8 3044045 SAR, LINKAGE, TABLE ROLLER 10 3044026 BAR, LINKAGE, TABLE ROLLER 11 3426002 LEVER, HEIGHT ADJ. R.H. 12 RING, RETAINING, # 5305-31, 5/16" 13 6680010 RIVET, FLAT HD. 5/16" X 1 14 6716003 SCR., SOC. SET, CUP PT. 3/8" - 16 X 15 3025010 ARM, TABLE ROLL ADJ. (TWO ON LEFT SIDE NOT SHOWN) 16 6715016 SCR., SOC. SET, CUT PT. 5/16" - 18 X 17 6715037 SCR., HEX HD. CAP 5/16" - 18 X 1 1/2" (TWO NOT SHOWN) 18 6515007 RIVET, FLAT HD. 5/16" - 18 (TWO NOT SHOWN) 19 6861200 WASHER, LOCK 5/16" (TWO NOT SHOWN) 10 6861201 WASHER, LOCK 5/16" (TWO NOT SHOWN) 11 2690019 SCR., ASSY., QUICK SET ROLLER ADJ. L.H. (NOT SHOWN) 12 SCR., ASSY., QUICK SET ROLLER ADJ. R.H. 18 ROLLER ASSY., TABLE, PLANER (ITEMS 23 THRU 27) 18 3298008 HOUSTING, BEARING 19 BEARING, NEEDLE, TORRINGTON # IR-1216 10 BEARING, NEEDLE, TORRINGTON # B 1616 10 O.H. 17 6609004 FITTING, OIL # 1641, STRAIGHT, 1/4" -
7 6716013 SCR., SOC. SET, CUP PT. 3/8" - 16 X 3/8" 3/8" 3044045 BAR, LINKAGE, TABLE ROLLER LINK, CONNECTING 1 3426002 LEVER, HEIGHT ADJ. R.H. 2 6670082 RING, RETAINING, # 5305-31, 5/16" 4 6716003 SCR., SOC. SET, CUP PT. 3/8" - 16 X 3/8" 5 3025010 ARM, TABLE ROLL ADJ. (TWO ON LEFT SIDE HOT SHOWN) 6 6715016 SCR., SOC. SET, CUT PT. 5/16" - 18 X 5/16" (FOUR NOT SHOWN) 7 6715037 SCR., HEIGHT ADJ. (TWO NOT SHOWN) 8 651500 THUT, HEX JAM 5/16" - 18 (TWO NOT SHOWN) 9 6861200 WASHER, LOCK 5/16" (TWO NOT SHOWN) 10 6861201 WASHER, LOCK 5/16" (TWO NOT SHOWN) 11 2690019 SCR., ASSY., QUICK SET ROLLER ADJ. L.H. 12 2690020 SCR., ASSY., QUICK SET ROLLER ADJ. L.H. 12 2690020 SCR., ASSY., TABLE, PLANER (ITEMS 23 THRU 27) 13 673013 ROLLER, TABLE 10 6063014 BEARING, INHER RACE, TORRINGTON # IR- 12 16 18 3797075 TABLE, PLANER 19 3268012 HANDLE, QUICK SET HANDLE 20 3707075 TABLE, QUICK SET HANDLE 21 3671603 SCR., SOC. SET, CUP PT. 3/8" - 16 X 3/8" 22 6716003 SCR., SOC. SET, CUP PT. 3/8" - 16 X 3/8" 23 3797075 TABLE, QUICK SET ADJ. 26 671603 SCR., SOC. SET, CUP PT. 3/8" - 16 X 3/8" 27 3268012 HANDLE, QUICK SET ADJ. 28 3797075 SCR., SOC. SET, CUP PT. 3/8" - 16 X 3/8" 29 370705 SCR., SOC. SET, CUP PT. 3/8" - 16 X 3/8" 20 370705 SCR., SOC. SET, CUP PT. 3/8" - 16 X 3/8" 20 370707 SCR., SOC. SET, CUP PT. 3/8" - 16 X 3/8" 20 370707 SCR., SOC. SET, CUP PT. 3/8" - 16 X 3/8" 20 370707 SCR., SOC. SET, CUP PT. 3/8" - 16 X 3/8" 20 370707 SCR., SOC. SET, CUP PT. 3/8" - 16 X 3/8" 20 370707 SCR., SOC. SET, CUP PT. 3/8" - 16 X 3/8" 21 3684236 SCR., SOC. SET, CUP PT. 3/8" - 16 X 3/8" 22 370707 SCR., SOC. SET, CUP PT. 3/8" - 16 X 3/8" 23 370707 SCR., SOC. SET, CUP PT. 3/8" - 16 X 3/8" 24 370707 SCR., SOC. SET, CUP PT. 3/8" - 16 X 3/8" 25 370707 SCR., SOC. SET, CUP PT. 3/8" - 16 X 3/8" 26 370707 SCR., SOC. SET, CUP PT. 3/8" - 16 X 3/8" 27 370707 SCR., SOC. SET, CUP PT. 3/8" - 16 X 3/8" 28 370707 SCR., SOC. SET, CUP PT. 3/8" - 16 X 3/8" 29 370707 SCR., SOC. SET, CUP PT. 3/8" - 16 X 3/8" 20 370707 SCR., SOC. SET, CUP PT. 3/8" - 16 X 3/8" 20 370707 SCR., SO	7 6716013 SCR., SOC. SET, CUP PT. 3/8" - 16 X 3/8" LINKAGE ASSY., TABLE ADJ. R.H. (ITEMS 8 THRU 14) BAR, LINKAGE, TABLE ROLLER LINK, CONNECTING BAR, QUICK SET, LINKAGE LEVER, HEIGHT ADJ. R.H. RING, RETAINING, # 5305-31, 5/16" RIVET, FLAT HD. 5/16" X 1 SCR., SOC. SET, CUP PT. 3/8" - 16 X 3/8" ARM, TABLE ROLL ADJ. (TWO ON LEFT SIDE NOT SHOWN) SCR., SOC. SET, CUT PT. 5/16" - 18 X 5/16" (FOUR NOT SHOWN) SCR., HEX HD. CAP 5/16" - 18 X 1 1/2" (TWO NOT SHOWN) 8 6515007 NUT, HEX JAM 5/16" - 18 (TWO NOT SHOWN) WASHER, LOCK 5/16" (TWO NOT SHOWN) SCR., ASSY., QUICK SET ROLLER ADJ. L.H. (NOT SHOWN) SCR., ASSY., QUICK SET ROLLER ADJ. L.H. (NOT SHOWN) SCR. ASSY., QUICK SET ROLLER ADJ. L.H. (NOT SHOWN) SCR. ASSY., QUICK SET ROLLER ADJ. R.H. ROLLER ASSY., TABLE, PLANER (ITEMS 23 THRU 27) ROLLER ASSY., TABLE, PLANER (ITEMS 23 THRU 27) ROLLER, TABLE BEARING, NEEDLE, TORRINGTON # IR- 1216 BEARING, NEEDLE, TORRINGTON # B 1616 O.H. 6609004 FITTING, OIL # 1641, STRAIGHT, 1/4" -
2445006	2445006
## 14 ## 14 ## 14 ## 14 ## 15 ## 15 ## 15 ## 16 ## 15 ## 16	THRU 14) BAR, LINKAGE, TABLE ROLLER LINK, CONNECTING BAR, QUICK SET, LINKAGE LEVER, HEIGHT ADJ. R.H. G670082 RIVET, FLAT HD. 5/16" X 1 SCR., SOC. SET, CUP PT. 3/8" - 16 X 3/8" ARM, TABLE ROLL ADJ. (TWO ON LEFT SIDE NOT SHOWN) SCR., SOC. SET, CUT PT. 5/16" - 18 X 5/16" (FOUR NOT SHOWN) SCR., HEX HD. CAP 5/16" - 18 X 1 1/2" (TWO NOT SHOWN) CREATER ASSY., QUICK SET ROLLER ADJ. L.H. (NOT SHOWN) CRANCE ASSY., QUICK SET ROLLER ADJ. L.H. (NOT SHOWN) CRANCE ASSY., QUICK SET ROLLER ADJ. L.H. (NOT SHOWN) CRANCE ASSY., QUICK SET ROLLER ADJ. L.H. (NOT SHOWN) CRANCE ASSY., QUICK SET ROLLER ADJ. L.H. (NOT SHOWN) CRANCE ASSY., QUICK SET ROLLER ADJ. R.H. CRANCE ASSY., TABLE, PLANER (ITEMS 23 THRU 27) CRANCE ASSY., TABLE, PLANER (ITEMS 24 THRU 27) CRANCE ASSY., TABLE ROLL ADJ., TABLE ASSY., TABLE ASSY., TABLE ASSY., TABLE ASSY.,
3044026	3044001
1 3426002 LEVER, HEIGHT ADJ. R.H. 2 6670082 RING, RETAINING, # 5305-31, 5/16" 4 6680010 RIVET, FLAT HD. 5/16" X 1 5 716003 SCR., SOC. SET, CUP PT. 3/8" - 16 X 3/8" 5 3025010 ARM, TABLE ROLL ADJ. (TWO ON LEFT SIDE HOT SHOWN) 6 6715016 SCR., SOC. SET, CUT PT. 5/16" - 18 X 5/16" (FOUR NOT SHOWN) 7 6715037 (TWO NOT SHOWN) 8 6515007 RUT, HEX JAM 5/16" - 18 (TWO NOT SHOWN) 8 6861200 WASHER, LOCK 5/16" (TWO NOT SHOWN) 9 6861201 WASHER, LOCK 5/16" (TWO NOT SHOWN) 10 6861201 WASHER, LOCK 5/16" (TWO NOT SHOWN) 11 2690019 SCR., ASSY., QUICK SET ROLLER ADJ. L.H. 12 (NOT SHOWN) 12 2690020 SCR., ASSY., QUICK SET ROLLER ADJ. R.H. 13 3298008 HOUSING, BEARING 14 6063014 BEARING, INNER RACE, TORRINGTON # IR- 12 16 12 6063015 BEARING, NEEDLE, TORRINGTON # B 1616 0.H. 12 16 18 3797075 TABLE, BEARING 19 3268012 SCR., SOC. SET, CUP PT. 3/8" - 16 X 1 1/2" 18 6716003 SCR., SOC. SET, CUP PT. 3/8" - 16 X 3/8" 18 3797075 SCR., SOC. SET, CUP PT. 3/8" - 16 X 3/8" 18 3797075 SCR., SOC. SET, CUP PT. 3/8" - 16 X 3/8" 19 3684236 DIAL, QUICK SET ADJ. 20 3704005 SCR., PAN HD. SELF-TAPPING # 6 X 1/4" 21 32 3684236 DIAL, QUICK SET DEPTH 22 3704005 SHAFT, QUICK SET TABLE 18" PLANER	1 3426002 LEVER, HEIGHT ADJ. R.H. 1
1 3426002 LEVER, HEIGHT ADJ. R.H. 1	1 3426002 LEVER, HEIGHT ADJ. R.H. 6670082 RING, RETAINING, # 5305-31, 5/16" RING, RETAINING, # 5305-31, 5/16" RIVET, FLAT HD. 5/16" X 1 SCR., SOC. SET, CUP PT. 3/8" - 16 X 3/8" ARM, TABLE ROLL ADJ. (TWO ON LEFT SIDE HOT SHOWN) SCR., SOC. SET, CUT PT. 5/16" - 18 X 5/16" (FOUR NOT SHOWN) SCR., HEX HD. CAP 5/16" - 18 X 1 1/2" (TWO NOT SHOWN) SCR., HEX HD. CAP 5/16" - 18 X 1 1/2" (TWO NOT SHOWN) G861201 WASHER, LOCK 5/16" (TWO NOT SHOWN) SCR., ASSY., QUICK SET ROLLER ADJ. L.H. (NOT SHOWN) SCR., ASSY., QUICK SET ROLLER ADJ. L.H. (NOT SHOWN) SCR., ASSY., QUICK SET ROLLER ADJ. R.H. ROLLER ASSY., TABLE, PLANER (ITEMS 23 THRU 27) ROLLER ASSY., TABLE, PLANER (ITEMS 23 THRU 27) ROLLER, TABLE G063014 BEARING, INNER RACE, TORRINGTON # IR-1216 BEARING, NEEDLE, TORRINGTON # B 1616 O.H. G6699004 FITTING, OIL # 1641, STRAIGHT, 1/4" -
1	1
\$ 6716003 \$CR., SOC. SET, CUP PT. 3/8" - 16 X 3/8" \$ 3025010 ARM, TABLE ROLL ADJ. (TWO ON LEFT SIDE NOT SHOWN) \$CR., SOC. SET, CUT PT. 5/16" - 18 X 5/16" (FOUR NOT SHOWN) \$CR., HEX HD. CAP 5/16" - 18 X 1 1/2" (TWO NOT SHOWN) \$CR., HEX HD. CAP 5/16" - 18 X 1 1/2" (TWO NOT SHOWN) \$CR., HEX HD. CAP 5/16" - 18 (TWO NOT SHOWN) \$CR., HEX HD. CAP 5/16" (TWO NOT SHOWN) \$CR. ASSY., QUICK SET ROLLER ADJ. L.H. (NOT SHOWN) \$CR., ASSY., QUICK SET ROLLER ADJ. L.H. (NOT SHOWN) \$CR. ASSY., QUICK SET ROLLER ADJ. R.H. (NOT SHOWN) \$CR. ASSY., QUICK SET ROLLER ADJ. R.H. (NOT SHOWN) \$CR. ASSY., TABLE, PLANER (ITEMS 23 THRU 27) \$CR. ASSY., TABLE, TABLE \$CR., TA	\$ 6716003 SCR., SOC. SET, CUP PT. 3/8" - 16 X 3/8" \$ 3025010 ARM, TABLE ROLL ADJ. (TWO ON LEFT SIDE NOT SHOWN) \$ 6715016 SCR., SOC. SET, CUT PT. 5/16" - 18 X 5/16" (FOUR NOT SHOWN) \$ 6715037 CR., HEX HD. CAP 5/16" - 18 X 1 1/2" (TWO NOT SHOWN) \$ 6861200 WASHER, LOCK 5/16" (TWO NOT SHOWN) \$ 6861201 WASHER, LOCK 5/16" (TWO NOT SHOWN) \$ 6861201 WASHER, FLAT 5/16" (TWO NOT SHOWN) \$ CR., ASSY., QUICK SET ROLLER ADJ. L.H. (NOT SHOWN) \$ CR., ASSY., QUICK SET ROLLER ADJ. L.H. (NOT SHOWN) \$ CR. ASSY., TABLE, PLANER (ITEMS 23 THRU 27) \$ 3673013 ROLLER, TABLE \$ 6063014 BEARING, INNER RACE, TORRINGTON # IR- \$ 1216 BEARING, NEEDLE, TORRINGTON # B 1616 \$ 0.H. \$ 27 6609004 FITTING, OIL # 1641, STRAIGHT, 1/4" -
3/8" ARM, TABLE ROLL ADJ. (TWO ON LEFT SIDE NOT SHOWN) SCR., SOC. SET, CUT PT. 5/16" - 18 X 5/16" (FOUR NOT SHOWN) SCR., HEX HD. CAP 5/16" - 18 X 1 1/2" (TWO NOT SHOWN) NUT, HEX JAM 5/16" - 18 (TWO NOT SHOWN) MASHER, LOCK 5/16" (TWO NOT SHOWN) MASHER, LOCK 5/16" (TWO NOT SHOWN) SCR., ASSY., QUICK SET ROLLER ADJ. L.H. (NOT SHOWN) SCR., ASSY., QUICK SET ROLLER ADJ. L.H. (NOT SHOWN) SCR., ASSY., QUICK SET ROLLER ADJ. R.H. ROLLER ASSY., TABLE, PLANER (ITEMS 23 THRU 27) ROLLER ASSY., TABLE, PLANER (ITEMS 23 THRU 27) ROLLER. TABLE MOUSING, BEARING BEARING, INNER RACE, TORRINGTON # IR- 1216 BEARING, NEEDLE, TORRINGTON # B 1616 O.H. MOBING, OIL # 1641, STRAIGHT, 1/4" - 28 3797075 TABLE, 18" PLANER TABLE, 18" PLANER TABLE, QUICK SET KNOB, QUICK SET SCR., SOC. SET, CUP PT. 3/8" - 16 X 3/8" TABLE, QUICK SET ADJ. SCR., PAN HD. SELF-TAPPING # 6 X 1/4" TABLE, QUICK SET TABLE 18" PLANER TABLE 18" PLANER TABLE 18" PLANER TABLE, TABLE 18" PLANER TABLE, QUICK SET ADJ. SCR., PAN HD. SELF-TAPPING # 6 X 1/4" TABLE, QUICK SET TABLE 18" PLANER	3/8" ARM, TABLE ROLL ADJ. (TWO ON LEFT SIDE NOT SHOWN) SCR., SOC. SET, CUT PT. 5/16" - 18 X 5/16" (FOUR NOT SHOWN) SCR., HEX HD. CAP 5/16" - 18 X 1 1/2" (TWO NOT SHOWN) 17 6715037 ROLLER ASSY., QUICK SET ROLLER ADJ. L.H. (NOT SHOWN) ROLLER ASSY., TABLE, PLANER (ITEMS 23 THRU 27) 3673013 ROLLER. TABLE ROLLER ASSY., TABLE, PLANER (ITEMS 23 THRU 27) ROLLER. TABLE ROBERTING, INNER RACE. TORRINGTON # IR- 1216 BEARING, NEEDLE, TORRINGTON # B 1616 O.H. 27 6609004 FITTING, OIL # 1641, STRAIGHT, 1/4" -
NOT SHOWN SCR., SOC. SET, CUT PT. 5/16" - 18 X 5/16" (FOUR NOT SHOWN) SCR., HEX HD. CAP 5/16" - 18 X 1 1/2" (TWO NOT SHOWN) SCR., HEX HD. CAP 5/16" - 18 X 1 1/2" (TWO NOT SHOWN) SCR., HEX HD. CAP 5/16" - 18 X 1 1/2" (TWO NOT SHOWN) 4	NOT SHOWN SCR., SOC. SET, CUT PT. 5/16" - 18 X 5/16" (FOUR NOT SHOWN) SCR., HEX HD. CAP 5/16" - 18 X 1 1/2" (TWO NOT SHOWN) SCR., HEX HD. CAP 5/16" - 18 X 1 1/2" (TWO NOT SHOWN) SCR., HEX JAM 5/16" - 18 (TWO NOT SHOWN) SCR. HEX JAM 5/16" (TWO NOT SHOWN) SCR. ASSY. QUICK SET ROLLER ADJ. L.H. (NOT SHOWN) SCR. ASSY., QUICK SET ROLLER ADJ. L.H. (NOT SHOWN) SCR. ASSY., TABLE, PLANER (ITEMS 23 THRU 27) SCR. ASSY., TABLE, PLANER (ITEMS 23 THRU 27) SCR. ASSY. SCR.
6	6 6715016 SCR., SOC. SET. CUT PT. 5/16" - 18 X 5/16" (FOUR NOT SHOWN) SCR., HEX HD. CAP 5/16" - 18 X 1 1/2" (TWO NOT SHOWN) SCR., HEX HD. CAP 5/16" - 18 X 1 1/2" (TWO NOT SHOWN) MASHER, LOCK 5/16" (TWO NOT SHOWN) MASHER, LOCK 5/16" (TWO NOT SHOWN) SCR., ASSY., QUICK SET ROLLER ADJ. L.H. (NOT SHOWN) SCR., ASSY., QUICK SET ROLLER ADJ. L.H. (NOT SHOWN) SCR., ASSY., TABLE, PLANER (ITEMS 23 THRU 27) 3673012 ROLLER ASSY., TABLE, PLANER (ITEMS 23 THRU 27) 3673013 ROLLER, TABLE HOUSING, BEARING BEARING, INNER RACE, TORRINGTON # IR-1216 BEARING, NEEDLE, TORRINGTON # B 1616 O.H. 1641, STRAIGHT, 1/4" -
6715037 SCR., HEX HD. CAP 5/16" - 18 X 1 1/2" (TWO NOT SHOWN) (TWO NOT SHOWN) 4	7 6715037 SCR., HEX HD. CAP 5/16" - 18 X 1 1/2" (TWO NOT SHOWN) 8 6515007 NUT. HEX JAM 5/16" - 18 (TWO NOT SHOWN) 9 6861200 WASHER, LOCK 5/16" (TWO NOT SHOWN) 10 6861201 WASHER, FLAT 5/16" (TWO NOT SHOWN) 11 2690019 SCR., ASSY., QUICK SET ROLLER ADJ. L.H. (NOT SHOWN) 12 2690020 SCR., ASSY., QUICK SET ROLLER ADJ. R.H. ROLLER ASSY., TABLE, PLANER (ITEMS 23 THRU 27) 13 298008 HOUSING, BEARING BEARING, INHER RACE, TORRINGTON # IR- 12 16 6063015 BEARING, NEEDLE, TORRINGTON # B 1616 O.H. 12 16 6609004 FITTING, OIL # 1641, STRAIGHT, 1/4" -
18	18 6515007 NUT. HEX JAM 5/16" - 18 (TWO NOT SHOWN) 19 6861201 WASHER, LOCK 5/16" (TWO NOT SHOWN) 20 6861201 WASHER, FLAT 5/16" (TWO NOT SHOWN) 21 2690019 SCR. ASSY. QUICK SET ROLLER ADJ. L.H. (NOT SHOWN) 22 2690020 SCR. ASSY., QUICK SET ROLLER ADJ. R.H. ROLLER ASSY., TABLE, PLANER (ITEMS 23 THRU 27) 3673013 ROLLER. TABLE 24 3298008 HOUSING, BEARING 25 6063014 BEARING, INNER RACE, TORRINGTON # IR- 1216 26 6063015 BEARING, NEEDLE, TORRINGTON # B 1616 0.H. 27 6609004 FITTING, OIL # 1641, STRAIGHT, 1/4" -
19	19
Masher, Flat 5/16" (Two Not Shown) Scr. Assy., Quick Set Roller Add. L.H. 2	1
(NOT SHOWN) SCR. ASSY., QUICK SET ROLLER ADJ. R.H. 26 2673012 ROLLER ASSY., TABLE, PLANER (ITEMS 23 THRU 27) 3673013 ROLLER. TABLE 3298008 HOUSING, BEARING 6063014 BEARING, INNER RACE. TORRINGTON # IR- 1216 BEARING, NEEDLE, TORRINGTON # B 1616 O.H. 6609004 FITTING, OIL # 1641, STRAIGHT, 1/4" - 28 3797075 TABLE. 18" PLANER 13 3268012 KNOB. QUICK SET HANDLE SCR., SLOTTED SET 3/8" - 16 X 1 1/2" CONE PT. 32 6716003 SCR., SOC. SET, CUP PT. 3/8" - 16 X 3/8" 13 3604009 POINTER, QUICK SET ADJ. 33 3604009 POINTER, QUICK SET ADJ. 36 3704005 SCR., PAN HD. SELF-TAPPING # 6 X 1/4" 18 3794005 SHAFT. QUICK SET TABLE 18" PLANER	(NOT SHOWN) SCR. ASSY., QUICK SET ROLLER ADJ. R.H. ROLLER ASSY., TABLE, PLANER (ITEMS 23 THRU 27) ROLLER. TABLE ROBERT TABLE ROBERTING, BEARING ROBERTING, INNER RACE. TORRINGTON # IR- 1216 BEARING, NEEDLE, TORRINGTON # B 1616 O.H. ROBERT TABLE ROBERT T
22 2690020 SCR. ASSY., QUICK SET ROLLER ADJ. R.H. 2673012 ROLLER ASSY., TABLE, PLANER (ITEMS 23 THRU 27) 3673013 ROLLER. TABLE 27 ROLLER ADJ. R.H. 27 ROLLER. TABLE 3298008 HOUSING, BEARING 4063014 BEARING, INNER RACE. TORRINGTON # IR-1216 PLANER 1216 PLANER PLANER 1216 PLANER 1216 PLANER 1216 PLANER 1216 PLANER 1216	22 2690020 SCR. ASSY., QUICK SET ROLLER ADJ. R.H. ROLLER ASSY., TABLE, PLANER (ITEMS 23 THRU 27) 3673013 ROLLER. TABLE 3298008 HOUSING, BEARING 6063014 BEARING, INNER RACE. TORRINGTON # IR- 1216 8EARING, NEEDLE, TORRINGTON # B 1616 0.H. 27 6609004 FITTING, OIL # 1641, STRAIGHT, 1/4" -
2673012 ROLLER ASSY., TABLE, PLANER (ITEMS 23 THRU 27) 3673013 ROLLER. TABLE 27 ROLLER. TABLE 28 3298008 HOUSING, BEARING 29 BEARING, INNER RACE, TORRINGTON # IR- 1216 20 6063015 BEARING, NEEDLE, TORRINGTON # B 1616 0.H. 27 6609004 FITTING, OIL # 1641, STRAIGHT, 1/4" - 28 3797075 TABLE, 18" PLANER 29 3268012 HANDLE, QUICK SET 30 3406201 KNOB, QUICK SET HANDLE 31 6716135 SCR., SLOTTED SET 3/8" - 16 X 1 1/2" CONE PT. 32 6716003 SCR., SOC. SET, CUP PT. 3/8" - 16 X 3/8" 33 3604009 POINTER, QUICK SET ADJ. 34 6746001 SCR., PAN HD. SELF-TAPPING # 6 X 1/4" 35 3684236 DIAL, QUICK SET TABLE 18" PLANER	2673012 ROLLER ASSY., TABLE, PLANER (ITEMS 23 THRU 27) 3673013 ROLLER. TABLE 3298008 HOUSING, BEARING 6063014 BEARING, INNER RACE. TORRINGTON # IR- 1216 8EARING, NEEDLE, TORRINGTON # B 1616 0.H. 27 6609004 FITTING, OIL # 1641, STRAIGHT, 1/4" -
3673013 ROLLER. TABLE 4 3298008 HOUSING, BEARING 25 6063014 BEARING, INNER RACE. TORRINGTON # IR- 1216 26 6063015 BEARING, NEEDLE, TORRINGTON # B 1616 0. H. 27 6609004 FITTING, OIL # 1641, STRAIGHT, 1/4" - 28 3797075 TABLE. 18" PLANER 29 3268012 HANDLE, QUICK SET 31 6716135 SCR., SLOTTED SET 3/8" - 16 X 1 1/2" CONE PT. 32 6716003 SCR., SOC. SET, CUP PT. 3/8" - 16 X 3/8" 33 3604009 POINTER, QUICK SET ADJ. 34 6746001 SCR., PAN HD. SELF-TAPPING # 6 X 1/4" 35 3684236 DIAL, QUICK SET TABLE 18" PLANER	3673013 ROLLER. TABLE 3298008 HOUSING, BEARING 6063014 BEARING, INNER RACE. TORRINGTON # IR- 1216 6063015 BEARING, NEEDLE, TORRINGTON # B 1616 0.H. 27 6609004 FITTING, OIL # 1641, STRAIGHT, 1/4" -
24 3298008 HOUSING, BEARING 25 6063014 BEARING, INNER RACE, TORRINGTON # IR- 1216 26 6063015 BEARING, NEEDLE, TORRINGTON # B 1616 0.H. 27 6609004 FITTING, OIL # 1641, STRAIGHT, 1/4" - 28 3797075 TABLE, 18" PLANER 29 3268012 HANDLE, QUICK SET 30 3406201 KNOB, QUICK SET HANDLE 31 6716135 SCR., SLOTTED SET 3/8" - 16 X 1 1/2" CONE PT. 32 6716003 SCR., SOC. SET, CUP PT. 3/8" - 16 X 3/8" 33 3604009 POINTER, QUICK SET ADJ. 34 6746001 SCR., PAN HD. SELF-TAPPING # 6 X 1/4" 35 3684236 DIAL, QUICK SET DEPTH 36 3704005 SHAFT, OUICK SET TABLE 18" PLANER	24 3298008 HOUSING, BEARING 25 6063014 BEARING, INNER RACE. TORRINGTON # IR- 1216 26 6063015 BEARING. NEEDLE, TORRINGTON # B 1616 0.H. 27 6609004 FITTING, OIL # 1641, STRAIGHT, 1/4" -
25 6063014 BEARING, INNER RACE. TORRINGTON # IR- 1216 BEARING, NEEDLE, TORRINGTON # B 1616 O.H. 27 6609004 FITTING, OIL # 1641, STRAIGHT, 1/4" - 28 3797075 TABLE, 18" PLANER 29 3268012 HANDLE, QUICK SET HANDLE 30 3406201 KNOB, QUICK SET HANDLE 31 6716135 SCR., SLOTTED SET 3/8" - 16 X 1 1/2" CONE PT. 32 6716003 SCR., SOC. SET, CUP PT. 3/8" - 16 X 3/8" 33 3604009 POINTER, QUICK SET ADJ. 34 6746001 SCR., PAN HD. SELF-TAPPING # 6 X 1/4" 35 3684236 DIAL, QUICK SET DEPTH 36 3704005 SHAFT. QUICK SET TABLE 18" PLANER	25 6063014 BEARING, INNER RACE, TORRINGTON # IR- 1216 6063015 BEARING, NEEDLE, TORRINGTON # B 1616 0.H. 27 6609004 FITTING, OIL # 1641, STRAIGHT, 1/4" -
26 6063015 BEARING, NEEDLE, TORRINGTON # B 1616 0.H. 27 6609004 FITTING, OIL # 1641, STRAIGHT, 1/4" - 28 3797075 TABLE. 18" PLANER 3268012 HANDLE, QUICK SET 3406201 KNOB, QUICK SET HANDLE SCR., SLOTTED SET 3/8" - 16 X 1 1/2" CONE PT. 32 6716003 SCR., SOC. SET, CUP PT. 3/8" - 16 X 3/8" 33 3604009 POINTER, QUICK SET ADJ. 34 6746001 SCR., PAN HD. SELF-TAPPING # 6 X 1/4" 35 3684236 DIAL, QUICK SET DEPTH 36 3704005 SHAFT. OUICK SET TABLE 18" PLANER	26 6063015 BEARING, NEEDLE, TORRINGTON # B 1616 0.H. 27 6609004 FITTING, OIL # 1641, STRAIGHT, 1/4" -
27 6609004 FITTING, OIL # 1641, STRAIGHT, 1/4" - 28 3797075 TABLE, 18" PLANER 29 3268012 HANDLE, QUICK SET 31 6716135 SCR., SLOTTED SET 3/8" - 16 X 1 1/2" 31 6716003 SCR., SOC. SET, CUP PT. 3/8" - 16 X 3/8" 33 3604009 POINTER, QUICK SET ADJ. 34 6746001 SCR., PAN HD. SELF-TAPPING # 6 X 1/4" 35 3684236 DIAL, QUICK SET TABLE 18" PLANER	27 6609004 FITTING, OIL # 1641, STRAIGHT, 1/4" -
28 3797075 TABLE. 18" PLANER 29 3268012 HANDLE, QUICK SET 31 6716135 SCR., SLOTTED SET 3/8" - 16 X 1 1/2" 32 6716003 SCR., SOC. SET, CUP PT. 3/8" - 16 X 3/8" 33 3604009 POINTER, QUICK SET ADJ. 34 6746001 SCR., PAN HD. SELF-TAPPING # 6 X 1/4" 35 3684236 DIAL, QUICK SET DEPTH 36 3704005 SHAFT. QUICK SET TABLE 18" PLANER	
37940573 HANDLE, QUICK SET 30 3268012 HANDLE, QUICK SET 31 6716135 SCR., SLOTTED SET 3/8" - 16 X 1 1/2" CONE PT. 32 6716003 SCR., SOC. SET, CUP PT. 3/8" - 16 X 3/8" 33 3604009 POINTER, QUICK SET ADJ. 34 6746001 SCR., PAN HD. SELF-TAPPING # 6 X 1/4" 35 3684236 DIAL, QUICK SET DEPTH 36 3704005 SHAFT. QUICK SET TABLE 18" PLANER	28
3406201 KNOB. QUICK SET HANDLE 31 6716135 SCR., SLOTTED SET 3/8" - 16 X 1 1/2" CONE PT. 32 6716003 SCR., SOC. SET, CUP PT. 3/8" - 16 X 3/8" 33 3604009 POINTER, QUICK SET ADJ. 34 6746001 SCR., PAN HD. SELF-TAPPING # 6 X 1/4" 35 3684236 DIAL, QUICK SET DEPTH 36 3704005 SHAFT. QUICK SET TABLE 18" PLANER	28 3797075 TABLE TO TENE
31 6716135 SCR., SLOTTED SET 3/8" - 16 X 1 1/2" CONE PT. 32 6716003 SCR., SOC. SET, CUP PT. 3/8" - 16 X 3/8" 33 3604009 POINTER, QUICK SET ADJ. 34 6746001 SCR., PAN HD. SELF-TAPPING # 6 X 1/4" 35 3684236 DIAL, QUICK SET DEPTH 36 3704005 SHAFT. OUICK SET TABLE 18" PLANER	30 3406201 KNOR OUICK SET HANDLE
32 6716003 SCR., SOC. SET, CUP PT. 3/8" - 16 X 3/8" 3604009 POINTER, QUICK SET ADJ. 33 6746001 SCR., PAN HD. SELF-TAPPING # 6 X 1/4" 3684236 3704005 SHAFT. QUICK SET DEPTH	31 6716135 SCR., SLOTTED SET 3/8" - 16 X 1 1/2"
33 3604009 POINTER, QUICK SET ADJ. 34 6746001 SCR., PAN HD. SELF-TAPPING # 6 X 1/4" 35 3684236 DIAL, QUICK SET DEPTH 36 3704005 SHAFT, QUICK SET TABLE 18" PLANER	32 6716003 SCR., SOC. SET, CUP PT. 3/8" - 16 X 3/8"
34 6746001 SCR., PAN HD. SELF-TAPPING # 6 X 1/4" 35 3684236 DIAL, QUICK SET DEPTH 37 3704005 SHAFT, DUICK SET TABLE 18" PLANER	23 3604009 POINTER OUICK SET ADJ.
3704005 SHAFT OUICK SET TABLE 18" PLANER	34 6746001 SCR., PAN HD. SELF-TAPPING # 6 X 1/4"
	TARLET CUITCU CET TARLE 100 DI ANER
37 6420002 KEY, WOODRUFF # 608	37 6420002 KEY, WOODRUFF # 608
38 3096243 COLLAR, 5/8"	

NO.	PART NO.	DESCRIPTION	QTY
		(6)	
	(B) (N
			M
M			M
123			F
		0 3//	
	(67)	0 10	
		-/y/ E (G	
	3	10//	
	172	1 AAI 1// 0	
	NI	TY TOTAL	
	4/_	0-00/0/00000	
	100		
		10/10/	
	1		
	1	0 0 0	
		3-18-19) - min-19	
	(4)	4-0 6	
	In		



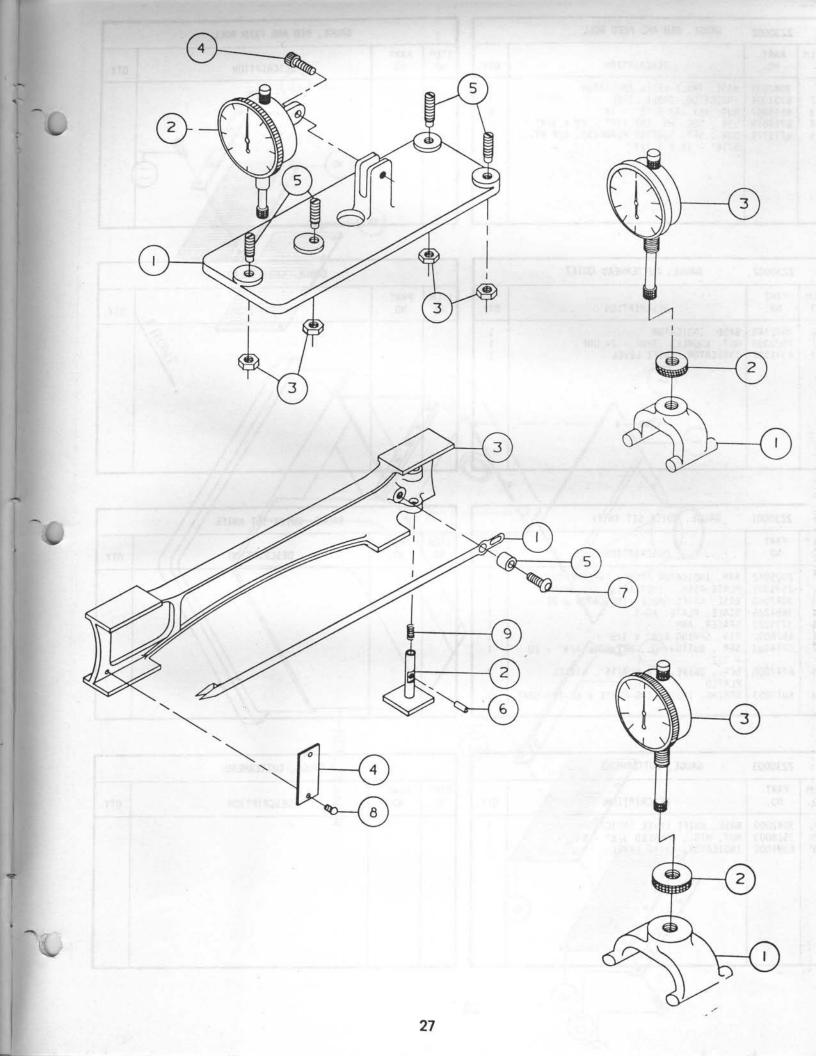
-4	PART NO.	DESCRIPTION	QTY
3/15	2268019	HANDLE ASSY., CLUTCH (ITEMS 1 THRU 9)	4
1	3268015	HANDLE, CLUTCH (TIEMS I THRO 9)	1
2	3274009	HANGER, CLUTCH HANDLE	i
3	3585205	PIN, CLUTCH SHIFTING	2
4	6516009	NUT, HEX JAM 3/8" - 16	
5	6715016	SCR., SOC. SET, CUP PT. 5/16" - 18 X	2
6	6716035	SCR., HEX HD. CAP 3/8" - 16 X 1 3/4"	1
7 8	6861300	WASHER, LOCK 3/8" WASHER, FLAT 3/8"	1
0	6861301 2719030	SHEAVE ASSY., CLUTCH (ITEMS 9 THRU 14)	١,
9	3716011	SHEAVE, DRIVE CLUTCH	1
0	3096026	COLLAR, PINION	1
2	3095005 3388008	CLUTCH, COLLAR DRIVEN KEY, 3/16" X 3/16" X 1 1/2"	1
3	3586015	PINION, FEED ROLLER GEAR DRIVE	1
4	6095026	BUSHING, 3/4" I.D. X 7/8" O.D. X 1	2
		WIDE, PS-700-64	2
5	2063015	BRKT. ASSY., FEED DRIVE MTG. (WELDMENT)	1
7	6716031	SCR., HEX HD. CAP 3/8" - 16 X 1 FITTING, OIL, # 1641, 1/4" - 28	1
8	6807014	SHEAVE, BROWNING # AS-28, 3/4" BORE	2 2 1 3 1 1
9	3388004	KEY, 3/16" X 3/16" X 1 BELT, "V" 5L - 440	1
0	6077039 3298044	BELT, "V" 5L - 440 HOUSING. CUTTERHEAD BEARING R.H.	1 1 4 2 2 2 2
2	6717015	SCR., HEX HD. CAP 7/16" - 14 X 1 1/4"	4
3	3237030	GEAR, FEED ROLLER DRIVE	2
4	3388008	KEY, 3/16" X 3/16" X 1 1/2"	2
5	6715016	SCR., SOC. SET, CUP PT. 5/16" - 18 X	2
	2404002	KIT, VARIABLE SPEED ASSY. (ITEMS 26	
,	2200010	THRU 35)	,
5	3298019 3096214	HOUSING, BEARING, V.S. COUNTERSHAFT COLLAR, V.S. SHAFT	1
	3716010	SHEAVE, V.S. DRIVE SHAFT	1
	6715016	SCR., SOC. SET, CUP PT. 5/16" - 18 X	1
0	6716003	5/16" SCR., SOC. SET, CUP PT. 3/8" - 16 X 3/8"	1
1	3388004	KEY, 3/16" X 3/16" X 1	i
2	3388008	KEY, 3/16" X 3/16" X 1 1/2"	1
3	6060014	BEARING, SKF 62062RS	2
4	2/19000	SHEAVE, V.S. ASSY.	1 1 2 1 1
	6717015	SCR., HEX HD. CAP 7/16" - 14 X 1 1/4"	2
7	6861401	WASHER, FLAT 7/16"	2
8	6077030	BELT, "V" 4L-620	ļ
9	3578041	BELT, "V" 5L-500 PANEL, SIDE R.H.	1
0	2730011	SLIDE ASSY., V.S. ADJUSTING (ITEMS 41	-
		THRU 55)	110-
1	3096243	COLLAR, 5/8"	1
2	3690022 3063059	SCR., V.S. ADJ. BRKT., MTG., V.S.	1
4	3730001	SLIDE, MTG. BRKT., V.S. ADJ.	1
5	3244027	GIB, V.S. SLIDE ADJ.	1
6	3706004 6715016	SHAFT, COMPOUND DRIVE SCR., SOC. SET, CUP PT. 5/16" - 18 X	1
	0,13010	5/16"	
8	6716003	SCR., SOC. SET, CUP PT. 3/8" - 16 X 3/8"	1
9	6714005	SCR., SOC. SET CUP PT. 1/4" - 20 X 1 NUT, JAM 1/4" - 20	3
1	6064001	BEARING, THRUST, NICE # 605, 5/8" I.D.	1
		X 1 1/8" O.D. X 11/32" W	1 (5)
2	3268201	HANDLE, NYLON MACHINE	1
3	3271049 6624006	HANDWHEEL, 6" DIA. PIN, GROOVE, STEEL, 1/4" X 3	1
5	6715013	SCR., SOC. SET, CUP PT. 5/16" - 18 X	i
		3/8"	
	6716032	SCR. HEX HD. CAP 3/8" - 16 X 1 1/2"	2 2
	6861301 6609004	WASHER, FLAT 3/8" FITTING, OIL # 1641, 1/4" - 28	1
	2719031	SHEAVE ASSY., COMPOUND (ITEMS 59 THRU	
		(60)	,
9	3717028	SHEAVE, MULTI-GROOVE	1

ITEM NO.	PART NO.	DESCRIPTION	QTY
61 62	3096214 6715016	X 1 LG. PS-1000-64 COLLAR, V.S. SHAFT SCR., SOC. SET, CUP PT. 5/16 - 18 X 5/16"	1
	(9)		
		A CO	
		7(2)	



	PART NO.	DESCRIPTION
1	204201	4 BASE ASSY., MOTOR (WELDMENT)
3	338804	GUARD, CUTTERHEAD SHEAVE KEY, 5/16" X 5/16" X 2
4	371700	SHEAVE, MOTOR, 1 1/8" BORE, 2 GROOVE (ALT. FOR 3717026 (USED ON 160 & 180
5	371700	SHEAVE, MOTOR, 1 3/8" ROPE 2 CROOVE
	1 8545 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	PLANERS AS A MOTOR SHEAVE WITH STACCED
		BLADE CUTTERHEAD ONLY. USED AS A CUTTERHEAD SHEAVE ON 160 & 180 PLANERS ON EITHER CUTTERHEAD.
6	3717026	SHEAVE, MOTOR, 1 3/8" BORE, 2 GROOVE (160 & 180 PLANERS WITH 3 KNIFE CUTTER-
7	6077035	BELT, 5L-360 (160 & 180 PLANERS WITH
	6077036	BELT, 5L-380 (160 & 180 PLANERS WITH
8	6472013	MOTOR, 3 HP., 1 PH. 60 HZ 3600 DDM
	6472026	115/230 V, 182 T FRAME, TEFC MOTOR, 3 HP., 3 PH., 60 HZ., 3600 RPM, 230/460 V, 182 T FRAME, TEFC
	6472027	MOTOR. 3 HP., 3 PH., 60 HZ., 3600 RPM,
	6472319	MOTOR, 5 HP., 3 PH., 60 HZ., 3600 RPM, 230/460 V. 184 T FRAME TEEC
	6472320	200 V, 184 T FRAME TEFC
	6472328	MOTOR, 5 HP., 1 PH., 60 HZ., 3600 RPM,
	6472512	RPM, 230/460 V. 213 T FRAME TEEC
	6516007	MOTOR. 7 1/2 HP., 3 PH., 60 HZ., 3600 RPM. 200 V. 213 T FRAME, TEFC NUT, HEX 3/8
0	6715016	SCR., SOC. SET, CUP PT. 5/16" - 18 X 5/16"
1	6716003	SCR., SOC. SET, CUP PT. 3/8" - 16 X
3	6718047	SCR. HEX HD. CAP 3/8" - 16 X 1 1/4" SCR., HEX HD. CAP 1/2" - 13 X 1 1/4" (PLATED)
4	6746023	SCR., HEX HD., SELF-TAPPING 1/4" - 20 X 5/8 "
5	6807104	SHEAVE. MOTOR. 1 1/8" BORE, 2 GROOVE, BROWNING, 2 BK 36 (160 & 180 PLANERS
5	6861300 6861301	W/STAGGER BLADE CUTTERHEAD ONLY) WASHER, LOCK 3/8" WASHER, FLAT 3/8"
8		WASHER, FLAT 1/2'

ITEM NO.	PART		DRIVE A		
NO.	PART NO.	DESC	RIPTION		Q1
	TE				
	19				
	1				
10	-08				
				T)	
	19/13				
İ				9	
-					
-					
1					
į					
	1				



	2230002	GAUGE, BED AND FEED ROLL	
EM	PART NO.	DESCRIPTION	QTY.
2 3 4 5	3042031 6391901 6515007 6714018 6715171	BASE, TABLE LEVEL INDICATOR INDICATOR, TABLE LEVEL NUT, HEX JAM 5/16" - 18 SCR. SOC. HD. CAP 1/4" - 20 X 3/4" SCR., SET, SLOTTED HEADLESS, CUP PT., 5/16" - 18 X 1 1/4"	1 1 4 1 4

GAUGE, BED AND FEED ROLL					
ITEM NO.	PART NO.	DESCRIPTION	QTY		
			5)		
	1				

EM .C.	PART NO.	Thursday and	18
	110.	DESCRIPTION	QTY.
2 3	3042340 3523303 3391332	BASE, INDICATOR NUT, KNURLED 3/8 - 24 UNF INDICATOR, ENIFE LEVEL	1 1 1
		2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	-

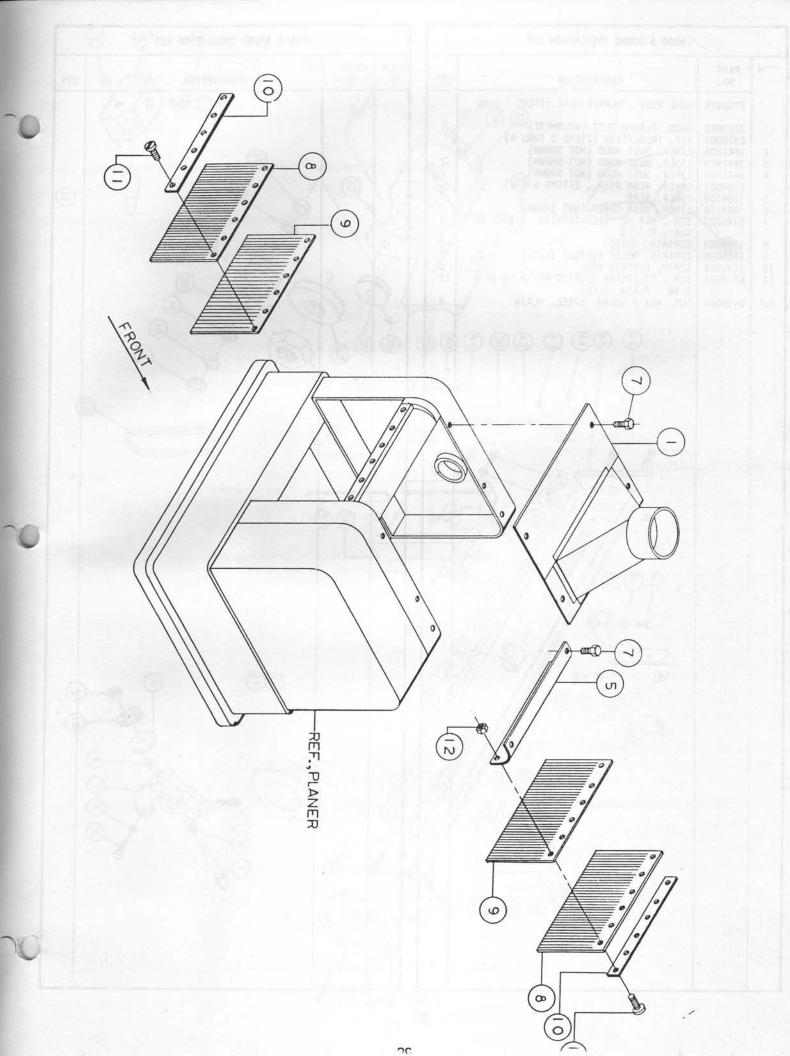
GAUGE, CUTTERHEAD						
NO.	PART NO. DESCRIPTION		ρŢΥ			

	2230001	GAUGE, QUICK SET KNIFE	
0	PART NO.	DESCRIPTION	QTY.
1	2025012	ARM, INDICATOR ASSY., (WELDMENT)	1
2	2595005	PLATE ASSY. INDICATING (WELDMENT)	1
3	3042060	BASE. KNIFE GAUGE, INDICATOR J-21	1
4	3684226	SCALE, PLATE, KG-1	1
4 5 6	3735222	SPACER, ARM	1
6	6626002	PIN, SPRING 1/8" X 3/8"	1
7	6714083	SCR., BUTTON HD., HEX SOC. 1/4" - 20 x 1/2"	1
8	6747000	SCR., DRIVE, # 4 X 3/16", NICKEL PLATED	2
9	6813053	SPRING, INDICATING PLATE # KG-140-0041	1

GAUGE, QUICK SET KNIFE					
ITEM NO.	PART NO. DESCRIPTION		QTY.		
			>		
1	3511				

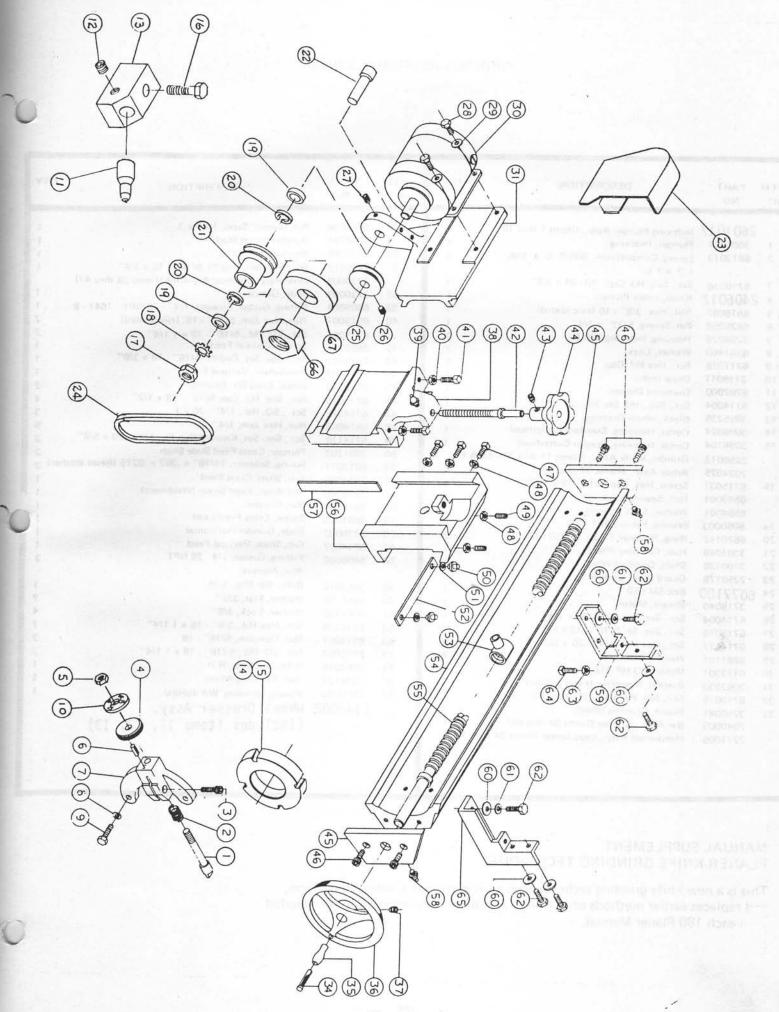
	2230003	GAUGE, CUTTERHEAD	
'EM'	PART NO.	DESCRIPTION	QTY.
1 2 3	3042009 3528003 6391002	BASE, KNIFE LEVEL INDICATOR NUT, MTG., KNURLED 3/8" - 24 INDICATOR, KNIFE LEVEL	1 1 1

GAUGE, CUTTERHEAD						
DESCRIPTION	QTY.					



м	PART NO.	DESCRIPTION	QTY.
	2292025	HOOD ASSY., PLANER DUST (ITEMS 1 THRU	
1	2292020	HOOD, PLANER DUST (WELDMENT)	1
2	2378003 3441006	KIT, INSULATION (ITEMS 2 THRU 4) LINER, DUST HOOD (NOT SHOWN)	1
3	3441009 3441003	LINER, DUST HOOD (NOT SHOWN) LINER, DUST HOOD (NOT SHOWN)	2 2
5	2104027 3104308	COVER, REAR ASSY., (ITEMS 5 & 6)	1
6	3441016 6746023	LINER, REAR COVER (NOT SHOWN) SCR., HEX HD. SELF-TAPPING, 1/4" - 20 X	1 8
8	3108003	5/8", PLATED CURTAIN, NOISE	2
9	3108008 3770226	CURTAIN, NOISE (OFFSET SLITS)	2 2 2
11	6710024	SCR., FILLISTER SLOTTED HD. # 10-24 X 7/16", PLAIN, STEEL	12
12	6510001	NUT, HEX # 10-24, STEEL, PLAIN	6
		20000000	
		Constitution of the second	
		(6)	
		1 de //	
i			
		and the least the last the las	
		and astronomy and an	
		more the my fight	
		AND SHE WAY DO - IN-	
		14 TO 1/15 TO 1	
		Miller & Joseph William Co.	
14		SHITE A SEED AND TO DEED	
		of retirement of the second	C C
	103		т
580			
	Ol test		
		11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	

TEM	PART	- Englysman - Englysman	
NO.	NO.	DESCRIPTION	QTY.
		77.5	-
		17	
		/A B	
		1. 10 0	
		The second second	
		/ / /	
		The second second	
		The same of the sa	
		3/	
N			
	Bud	1 11	
		The same of the same of	
1		7/1/20	10
1.		1 111	
		/ ///	
		11/10	
		/ ///	
1			
		11/1	
8			
		attempt the state of the	



GRINDER ASSEMBLY, KNIFE

NO	PART NO	DESCRIPTION	QTY.	ITEN NO.	A PAR	Dis
	260 10 1	7 Indexing Plunger Assy., (Items 1 thru 10)		24	-	
1	3001031	Flunger, Indexing		34 35	6624000	,
2	6813073	Spring, Compression, .600 O. D. x .556	1		3268201	Handle, Nylon Machine
-		1.9 × 1 ¼"		36	3271049	9 Handwheel, 6" Dig.
3	6710016	Scr., Soc. Hd. Cap, 10 - 24 x 5/8"		3.	6715013	Scr., Soc. Set. Cup Pt. 5/16" 19 - 2/0"
	2406012	Knob, Index Plunger	1	20	2730008	Singe Assy., Vertical Adjusting Utage 20 th
5	6516007	Nut, Hex. 3/8" - 16 (zinc plated)	1	38	3730009	
6	6626056	Pin, Spring, 5/32" x 3/4"	. 1	39	6609004	Ting, Grease Straight 1/4" 20 Mp.
7	3298029	Housing, Indexing Belt Dr.	1	40	6515007	Nut, Hex Jam, 5/16" - 18, (zinc plated)
8	6861400	Washer, Lock		41	6/1509/	Scr., SQ. Hd., 5/16", 10 1 1/4"
9	6717018	Scr., Hex Hd. Cap	2	12	3690214	Screw, Vertical Feed
10	3119017	Decal Index	2	43	6715013	Scr., Soc. Set, Cup Pt. 5/16" - 18 x 3/8"
11	6202000	Diamond Dresser	1	44	3271007	Handwheel, Vertical Feed
12	6714004	Scr., Soc., Hd. Set 1/4 - 20 x 1/4	1	45	3055016	Block, Lead Scr. Bearing
13	3055235	Block, Wheel Dressing	1	46	6715023	Scr., Soc. Hd. Cap, 5/16" - 18 x 1/2"
14	3096024	Collar, Indexing, Standard Cutterhead	1	47	6714072	Scr. , SQ. Hd., 1/4" - 20 x 1
15	3096104	Collar, Indexing, Stagger Cutterhead	1	48	6514008	Nut, Hex Jam, 1/4"- 20
	2258013	Grinder, Knife Assy., (Items 17 thru 31), 66 & 67	1	49	6714139	Scr., Soc. Set, Knurled Cup Pt., 1/4" - 20 x 5/8"
	2024025	Arbor Assy., (Items 17 thru 22)		50	3601202	Plunger, Cross Feed Slide Shim
16	6715037	Screw, Hex, Cap 5 /16 - 18 x 1 1/2		51	6813071	Spring, Schnorr, 11/16" x .382 x .0275 (Bevel Washer)
	6549001	Nut, Bearing Lock	1	52	3244008	Gib, Shim, Cross Feed
	6864001	Washer, Lock Bearing	1	53	2526002	Nut Assy., Feed Screw (Weldment)
9	6060003	Bearing, Fafnir 9101 NPP	1	54	3044058	Bar, Grinder
0	6670142	Ring, Retainer Truarc N5000 - 106	2	55	3691015	Screw, Cross Feed Lead
		Hub, Grinding Wheel	2	25	3730002	Slide, Grinder Horizontal
2 ;		Shaft, Grinding Wheel	1	57	3244007	Gib, Shim, Vertical Feed
		Guard Assy. Grinder	1	58	6609002	Fitting, Grease, 1/4 - 28 NPT
		Belt-SM 650	1			45o, Alemite
		Sheave, Motor	1	59	3063013	Bikt., Bar Mtg., L.H.
		Scr., Soc. Set 1/4" - 20 x 1/4"	1		6851309	Washer, Flat, 3/8"
		Scr., Soc. Set 5/16" - 18 x 5/8"	1	2.0	6861300	Washer, Lock, 3/8"
		Scr., Hex Hd., 1/4" - 20 x 1/2"	1	R. Carrier	6716039	Scr., Hex Hd., 3/8" - 16 x 1 1/4"
	861101	Washer, Flat, 1/4"	4		6515007	Nut, Hex Jam, 5/16" - 18
			1		6715097	Scr. SO. Hd. 5 /16" 18
10,500		Motor, 1/3 HP, Marathon			3063015	- 18 x 1 1/4"
		Bracket, Mounting (knife grinder)		12 Te	3526125	Brkt., Bar Mtg., R.H.
	50041	Scr., Soc. Hd. Cap, 10 -24 x 1/2"			6900003	Nut, Grinding Wheel
		Guard, Grinding Wheel		200	1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	Wheels, Grinding WA 46H8V
		Bar Assy., Grinder (Items 34 thru 65)		2	142002	
22	71006	fandwheel Assy., Lead Screw (Items 34 thru 37)				(Includes items 11, 12, 13)

MANUAL SUPPLEMENT PLANER-KNIFE GRINDING TECHNIQUES

This is a new knife grinding technique which is more rapid, easier to perform, replaces earlier methods of jointing. A Manual Supplement will be included each 180 Planer Manual.

Better By Design® POWERNATC McMINNVILLE, TENNESSEE 37110 AC 615-473-5551

