



20" SINGLE SURFACE PLANER 30-300 M1

OPERATING AND MAINTENANCE INSTRUCTIONS



FEATURES

- Heavy duty enclosed stand protects motor from dust and wood chips.
- Positive gear design for quick and accurate table adjustments.
- Large cast iron extension wings.
- Built in table rollers reduce friction.
- Large handwheel quickly adjusts table height.
- Convenient top mounted return rollers allow smooth stock handling for consecutive planing/multiple passes.
- Comes with knife setting gauge.
- Equipped with three (3) drive belts.
- Built-in mobile base with one-step lock-pedal.

SPECIFICATIONS

| | |
|-----------------------------|--|
| TABLE SIZE | 25 ⁹ / ₁₆ " X 20" (650 X 508 mm) |
| EXTENSION WING (2) SIZES | 15" X 21 ¹ / ₄ " (380 X 538 mm) |
| TOTAL SURFACE OF WORK TABLE | 55" X 20" (1437 X 506 mm) |
| MAX. PLANING WIDTH | 20" (508 mm) |
| MAX. THICKNESS OF STOCK | 8" (202 mm) |
| MAX. DEPTH OF CUT | ³ / ₃₂ " (2.3 mm) |
| MIN. LENGTH OF STOCK | 6 ³ / ₄ " (172 mm) |
| NUMBER OF KNIVES | 3 |
| CUTTERHEAD SPEED | 5000 RPM |
| CUTS PER INCH (26 mm) | 78 @ 16 FPM (4.87 MPM) |
| | 62.5 @ 20 FPM (6.10 MPM) |
| CUTTERHEAD DIAMETER | 3.15" (80 mm) |
| FEED RATES (2) | 16 & 20 FPM (4.87 & 6.1 MPM) |
| MOTOR | 5 HP, 220 V, 1 PH, 23.2 A |
| WEIGHT | 880 LBS (400 kg) |

SAFETY RULES

READ CAREFULLY BEFORE OPERATING THE MACHINE

1. Make sure that the operator has been properly trained and has read, and understands, the owners manual before operating any machinery.
2. Learn the machine's applications and it's limitations (what it can and cannot do), as well as the potential dangers that are particular to the unit. Carefully follow all operating instructions and safety guidelines.
3. Keep the work area clean and well lit.
4. Do not wear loose-fitting clothing or jewelry that may become caught in the machine or it's components, as this can lead to serious injury, including amputation and/or death. Always wear proper face, eye, ear, respiratory and body protection, suitable to the operation being performed.
5. Keep hands and other body parts safely away from feed rollers, cutters and all moving parts. Do not clear away chips and sawdust with hands. Use a brush.
6. Do not force or push the work piece too hard. The unit will perform better, safer and more effectively at the speed or rate for which it was designed.
7. Whenever possible use a dust collector to minimize health hazards.
8. Never leave the power on or the machine running while it is unattended.
9. Keep children away. Make sure that visitors are kept at a safe distance from the work area.
10. Only use recommended speed cutters, accessories and work piece materials.
11. Never stand or lean on the unit. Serious injury could occur if the unit is tipped or if unintentional contact is made with its' moving parts.
12. Be sure the cutters are properly sharpened and securely locked in the cutterhead before starting the machine. Never use dull, bent cracked or otherwise damaged cutter knives.
13. Keep all guards and safety devices in place and in good working order. If a guard must be removed for maintenance or cleaning make sure it is properly re-installed before using the machine again.
14. Make sure that anti-kickback devices are in place and functioning properly, and that the work piece is being fed through the machine in the right direction.
15. Before turning on the power, make sure that any adjustment tools, keys or wrenches have been removed and safely stored.
16. Use only accessories designed for the machine.
17. Make sure the machine is properly grounded. If equipped with three-prong plug, it should be plugged into a three-pole electrical receptacle. Never remove the third prong.
18. Make sure the power supply is disconnected and locked out before performing any maintenance, repairs or adjustments including any tool or blade changes.
19. Make sure that switch is in "OFF" position before plugging in the power cord.
20. Only use accessories that are made or designed for this machine. The use of parts or accessories that are not recommended will void any warranty claims and may result in injury.
21. Do not use this machine for any purpose other than it's intended use. If used for other purposes, General International disclaims any real or implied warranty and holds itself harmless for any injury which may result from such use.

GENERAL® International Warranty

All component parts of GENERAL® International machinery are carefully inspected during all stages of production and each unit is thoroughly inspected upon completion of assembly. Because of our commitment to quality, GENERAL® International agrees to repair or replace any part or parts which, upon examination, proves to be defective in either workmanship or material for a period of 24 months from date of purchase. To obtain warranty, all defective parts must be returned prepaid to GENERAL® International. Repairs made without the written consent of GENERAL® International will void all warranty.

20" SINGLE SURFACE PLANER

30-300

Thank you for choosing this **General International** model 30-300 planer. This unit is carefully tested and inspected before shipment and if properly used and maintained, will provide you with years of reliable service. To ensure optimum performance and trouble free operation a reasonable amount of care and attention is required. To get the most from your new planer, please take the time to read this manual before assembling, installing and operating the unit.



UNPACKING AND CLEANING

To ensure maximum performance from your **GENERAL® INTERNATIONAL** 20" planer, clean it properly; and install it accurately before use. As soon as you receive the planer, we recommend you follow these procedures:

1. Finish removing the contents of the shipping carton and compare with the contents list.
2. Report damage, if any to your local distributor.
3. Clean all rust protected surfaces with a mild solvent or kerosene. Do not use lacquer thinner; paint thinner, or gasoline. These will damage painted surfaces.
4. To prevent rust, apply a light coating of paste wax to surface.

CARRIAGE

The planer has four lifting handles (A), they are pulled out when needed, or pushed in when not in use. (Fig.1)

USING A SLING

When using a sling to carry machine, lifting handles must be pulled out (Fig.2). Try keeping sling parallel to machine and hold steady.

SWITCH MAGNETIC CONTACTOR CURCUIT

FIG.3

- Single phase motor
- Power source: R,T in put
- Motor source : U,W, out put
- Grounding: D

Fig. 1



Fig. 2

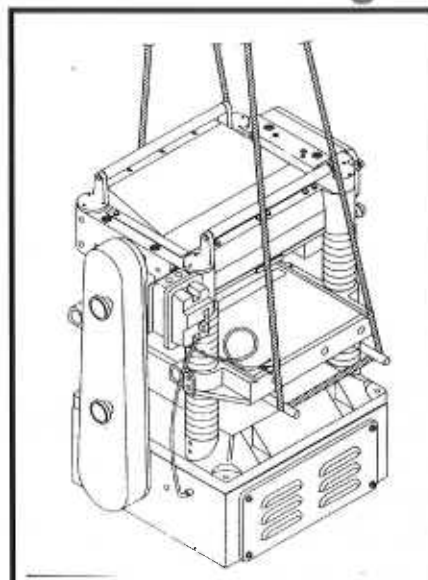


Fig. 3

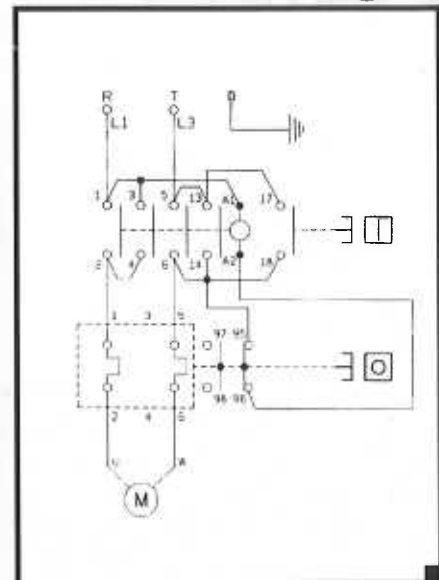
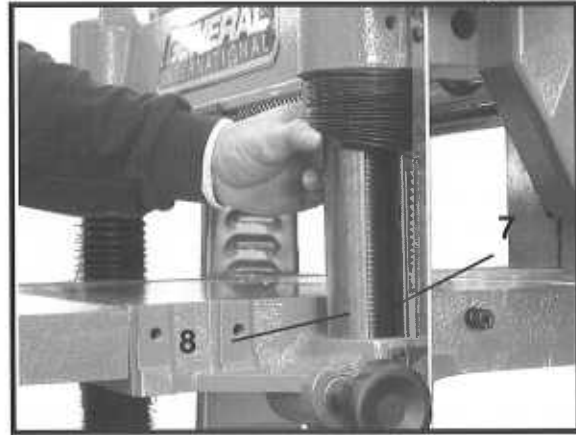
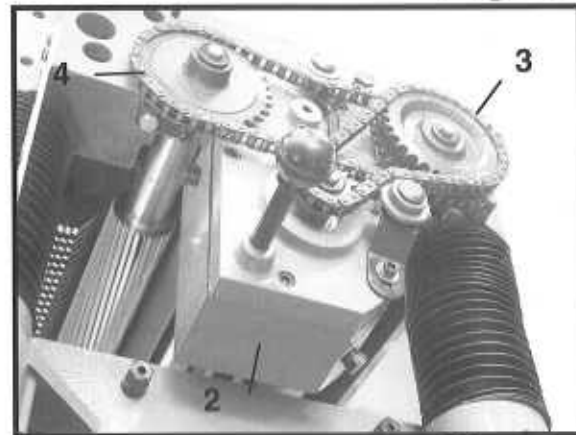
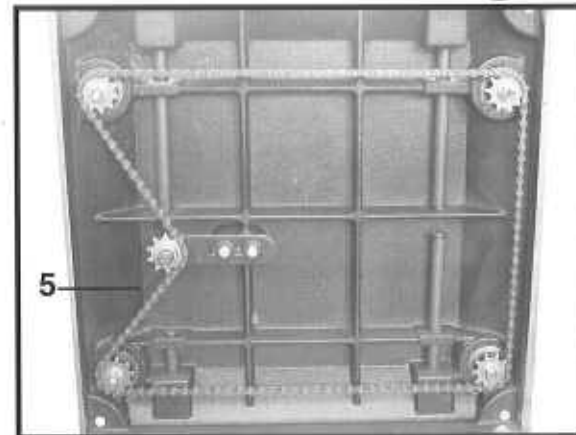
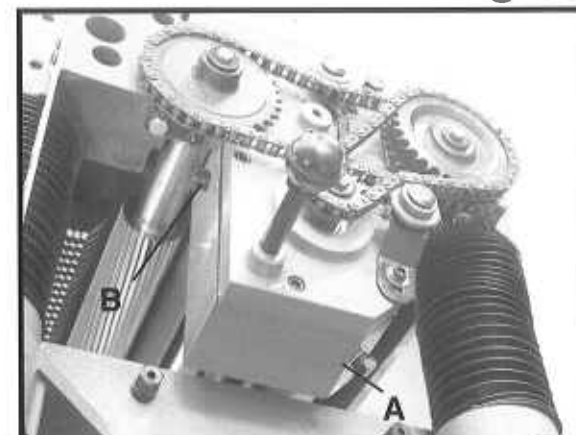


Fig. 4

| NO. | POSITION | GREASE | OIL |
|-----|--------------------|--------|-----|
| 1 | WORM GEAR | YES | NO |
| 2 | GEAR BOX | NO | YES |
| 3 | CHAIN | YES | NO |
| 4 | CHAIN | YES | NO |
| 5 | CHAIN | YES | NO |
| 6 | BRACKET | NO | YES |
| 7 | LEAD SCREW | YES | NO |
| 8 | COLUMN CLEAN & OIL | NO | YES |

Fig. 5**Fig. 6****Fig. 7****Fig. 8**

- Worm Gear is used to adjust the table up or down. (Fig.5).
- The oil in Gear Box must be changed after 2500 hours of work. (Fig.6).
- All chains must be lubricated regularly. (Fig.7)
- After 30 hours or more of work the lubrication of bracket must be changed. (Fig.8).
- The machine comes equipped with four head screws, it is important to always keep them lubricated. (Fig.9).
- To ensure maximum performance always keep the sliding rollers of table lubricated. (Fig.10).

CHANGE LUBRICANT

When lubrication needs to be changed:

1. Loosen the nut A on the outfeed hole.
2. Clean out old lubrication and let it dry.
3. Tighten nut A
4. Replace clean lubricant by hole B.

Fig. 9

CONTROL THE DEPTH OF CUTTING

The cutting depth scale is a combination, of inch/ metric scale, the cutting range is from 0 to 8" (204 mm). The distance between upward or downward of driving handle is 0.059" (1.5mm) one complete turn.

Before adjusting the table upward, or downward; loosen nut A, after positioning to required position, tighten nut A again to hold in position. (Fig.11)

CHECKING PULLEY

To verify that motor pulley (B) is in line with the shaft pulley of (A), using the edge of a straight scale check to see if they are on-line with each other. (Fig.12).

ADJUSTING MOTOR MOUNT

If motor pulley B and shaft pulley A, are not on-line loosen screw as shown in (Fig.13), move motor to left and right until adjusted to proper position and tighten the screw again.

ADJUSTING BELT TENSION

Use the two bolts to adjust the belt tension (Fig.14) When achieved proper position of adjustment tighten bolts to hold in place.

Fig. 10



Fig. 11

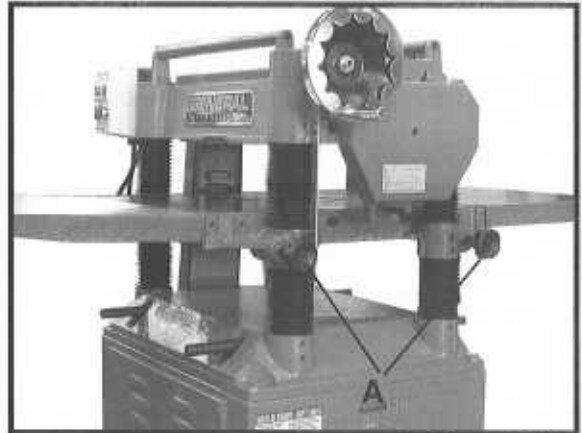


Fig. 12

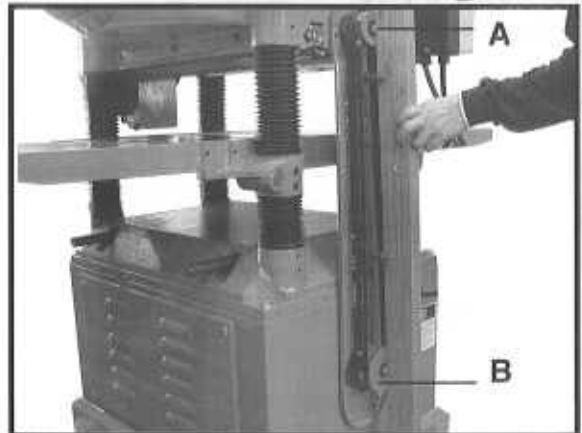
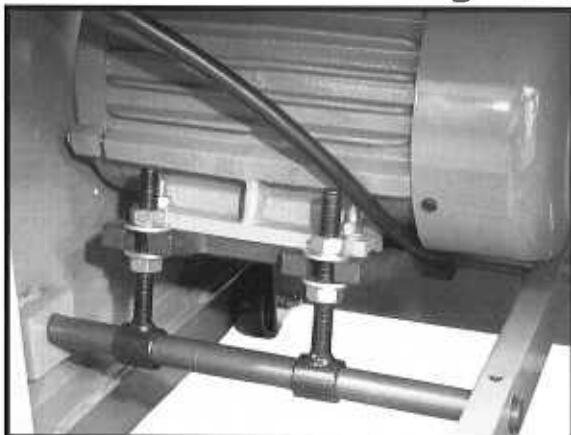


Fig. 13

Fig. 14



FEED ROLLER SPEED RATE

The rate of speed is transmitted by shift gears located in gear box.

The shift gear handle A (Fig.15) performs with three different methods of speed by using the shift handle to pull or push.

Fig.16

Position A: feed roller is functioning on 20-FPM speed rate

Position B: feed roller is functioning on 0-speed rate.

Position C: feed roller is functioning on 16-FPM speed rate.

ROLLER TRANSMITTING

The purpose of the roller located on top of machine, is transmitting stock after cutting and shaving workpieces. This roll will save you lots of time, and will speed up you're working rate. (Fig 17)

CONNECTING DUST COLLECTOR

Connect dust collector system to hood of machine, located at the back of machine. The dust collector will collect all dust and particles while planing in process, this system will give a clean and safe working environment. (Fig.18)

FEED ROLLER PRESSURE AJDUSTMENT

The pressure of the feed roller will depend on the pressure set by the springs, and screws.

To adjust the pressure, you must loosen or tighten the bolt.

There are two sets of springs on both ends of the feed roller, to ensure great results make sure both sides are at the same level pressure. (Fig.19)

Fig. 15

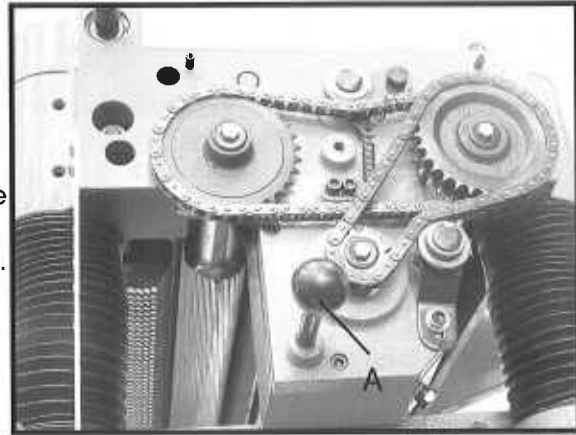


Fig. 16

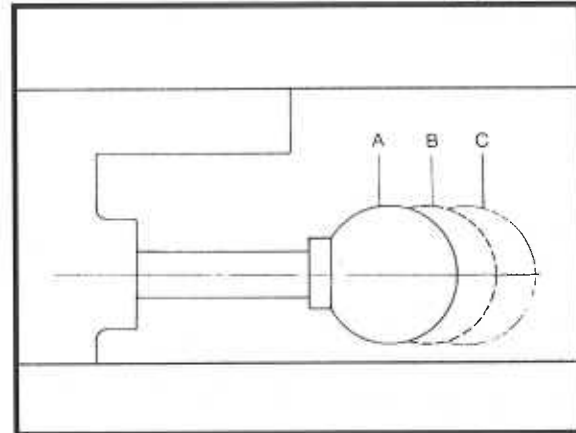
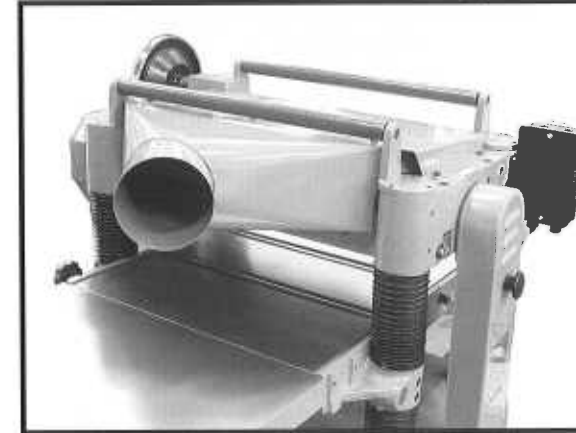


Fig. 17



Fig. 18

Fig. 19



TRANSMITTING ROLLER ADJUSTMENT

Verify that roller and table are both at the same height.
(Fig.20)

ADJUSTING TABLE ROLLER

To reduce friction between stock and table, two table rollers have been assembled on machine.

Adjustments will be needed when planing with the different types of wood.

- Roller must be adjusted high, when planing rough wood.
- Roller must be adjusted low, when planing smooth wood.

ADJUST ROLLER

- Disconnect machine from power source.
- Place a straight level on table roller, loosen screw A, adjust your shaft B to the proper height and tighten back the screw to hold in position (Fig.21)

Always check to make sure that the front and back height are the same. There must be no slant between roller and table.

CHECKING AND REPLACING KNIVES

Place knife gauge as shown in (Fig.22).

Knife gauge must be set on fix position when adjusting, and proceed as follows:

- Loosen six hex screws D on the knife locking bar C and be sure that knife doesn't have any pressure or stoppage from outside.
- Spring E will raise knife F naturally making knife F contact with point B, this would mean that the knife is in the proper position.
- Tighten the six hex screws D on the knife locking bar C evenly.
- Follow the same procedures to adjust the other two.
(Fig.23).

Fig. 23

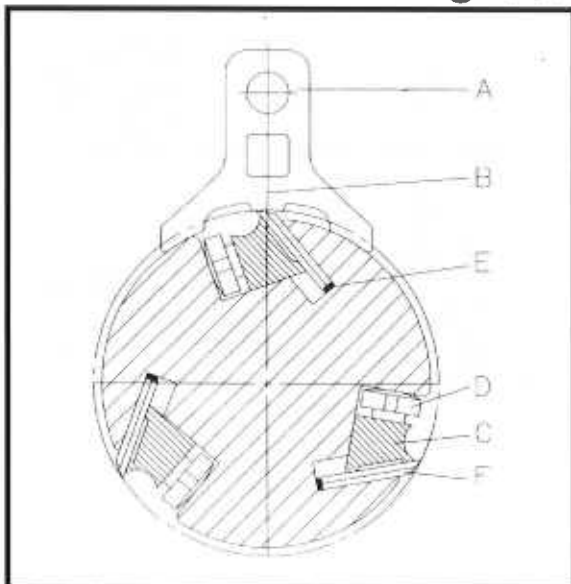


Fig. 20



Fig. 21

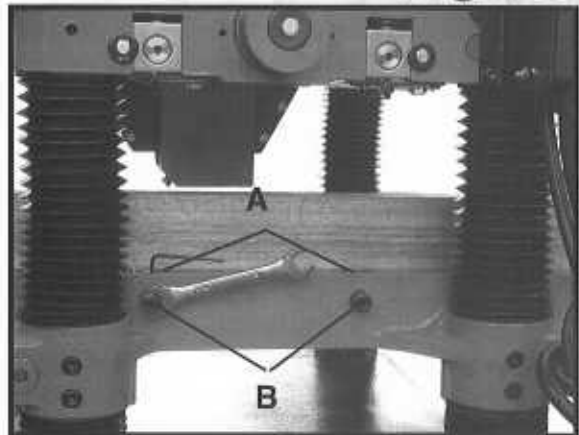


Fig. 22



REMOVING KNIVES

When removing knives proceed as follows:

1. Loosen screw D and make sure that knife doesn't have pressure or stoppage from the outside.
2. Remove knife F.
3. Remove knife locking bar C.
4. Remove the two springs E.
5. Follow same procedures to remove other knives.
(Fig.24)

ADJUSTMENTS

- Before starting any adjustments, disconnect the machine from the power source.

The manufacturer has adjusted all machines before shipment. Verify that the screws are properly tightened.

The only time you will have to adjust your machine is when it has been functioning for a long time. The adjustment will have to be made to adjust the precision of the machine.

Always check the adjustments before starting on a new project, this will save your time and money. To check you will need the following supplies.

- Straight scale
- Thickness gauge
- Home made gauge block of hard wood, with the dimensions as shown in Fig.25

ASSEMBLING CHAIN

If head casting is not parallel to table, tilt planer on it's side. Remove bolt C and loosen bolt D. (Fig.26) This will enable you to move the idler sprocket assembly E, this procedure will release the tension of the chain.

Remove chain from sprocket on the end that must be adjusted. When chain has to be released, do not turn the sprocket more than one or two teeth. Turn sprocket clockwise to decrease the distance, and counter clockwise to increase the distance between the table and head caster.

WARNING!

ALWAYS DOUBLE CHECK THAT THE DIRECTION OF THE KNIVES ARE CORRECT, AFTER YOU FINISH REPLACING THEM ! VERIFY THAT ALL HEX SCREWS ARE FIXED TIGHTLY!

Fig. 24

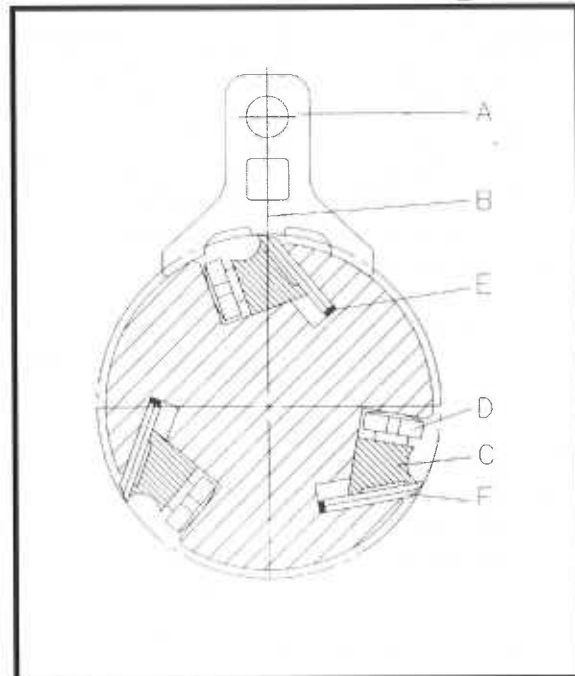


Fig. 25

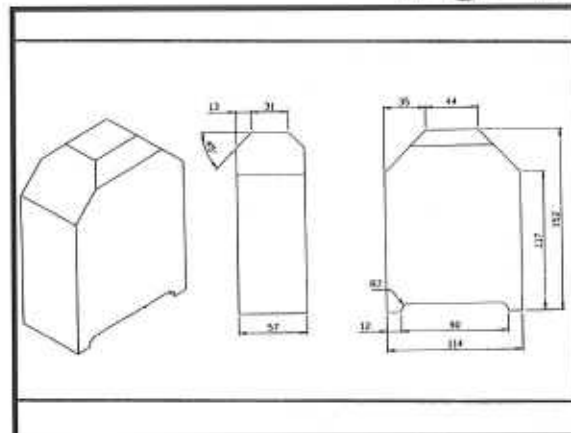
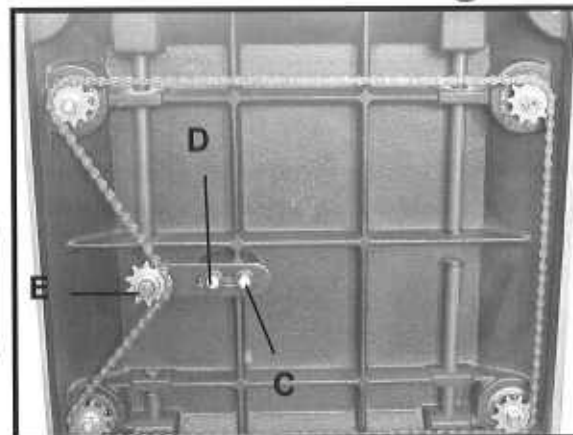


Fig. 26



ADJUSTING CUTTING HEAD PARALLEL TO TABLE

All parallel adjustments have been made to table before shipment, no further adjustments are required. The only verification you should make is to check indirectly the parallel of the cutter head and table. Proceed with the following:

1. Disconnect machine from the power source.
2. Place gauge block between upper head casting and table, make them contact slightly. (Fig.27).
3. Move gauge block to the opposite side, making them to the same height.
4. Follow the same procedures to check the backside.

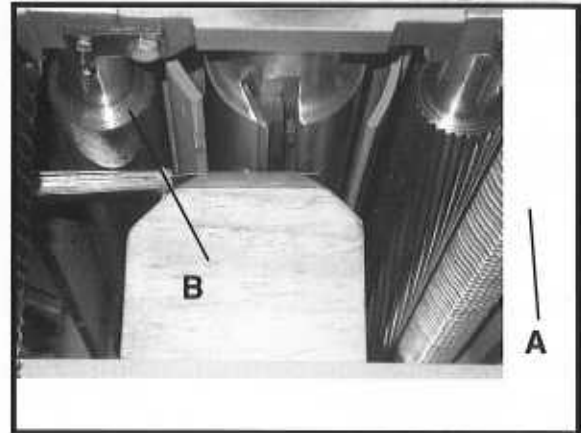


Fig. 27

ADJUSTING SPRING TENSION OF FEED ROLLER

The infeed roller A and the outfeed roller B are two of the major parts of automatic transmitting of planer. (Fig.27). To control pressure, spring tensions are used.(Fig.28).

CUTTING AND ROLLER

Look at Fig.29 to follow with the following instructions.

- No. 1 is the infeed roll
- No. 2 is the chipbreaker
- No. 3 is the cutting head
- No. 4 is the pressure bar
- No. 5 is the outfeed roll



Fig. 28

ADJUSTING INFEEED AND OUTFEED ROLLER

Before starting with the adjustment, you must check the position of the cutting head. You will need;

1. Thickness gauge 0.5m/m
2. Home made gauge block

- First turn the wheel handle to make table upward.
- Use hand to turn cutting head left and right, to make blade contact with the gauge block.
- Do not move the table or make any adjustments. (Fig. 30)



Fig. 29

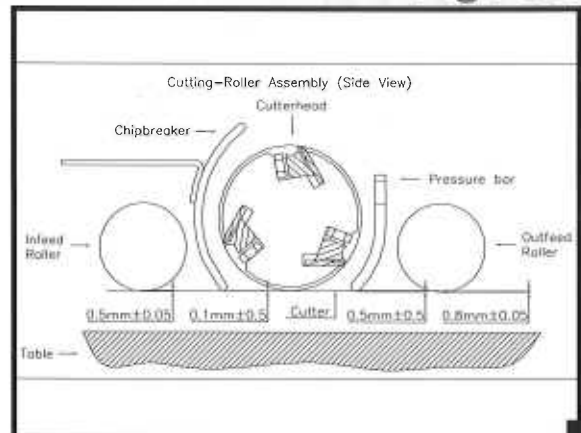


Fig. 30

CHECKING INFEEED ROLLER

Place gauge block under the cutterhead, there must be a thickness gauge of 0.5m/m to get the correct position. (Fig. 31)

Adjustments:

1. Place gauge block under the infeed roller.
2. Loosen nut no. 2, turn screw no. 1, this will make the infeed roller move upwards, or downwards.
3. Make infeed roller touch the top of gauge block.
4. Once adjusted, turn the nut tightly (2), and replace screw (1). (Fig. 32).
5. The same procedures apply for the other end.

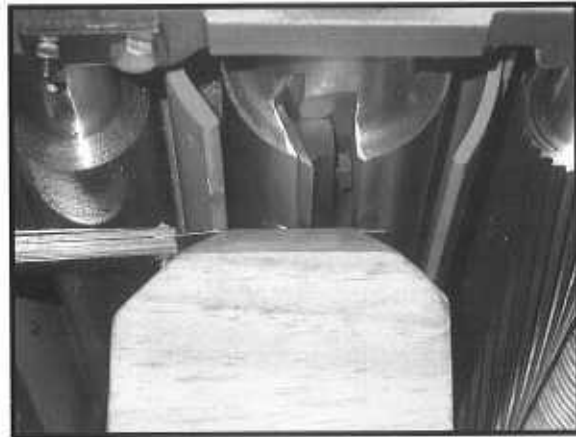


Fig. 31

CHECKING OUTFEED ROLLER

1. Place gauge block under outfeed roll. (Fig.32)
2. Loosen nut no.2 and screw no.1, this will allow for the outfeed roller to move upwards, or downwards.
3. Make the roller touch the top of gauge block.
4. When adjustments have been finished, tighten nut (4), and replace screw (3).
5. The same procedures apply for the other end.

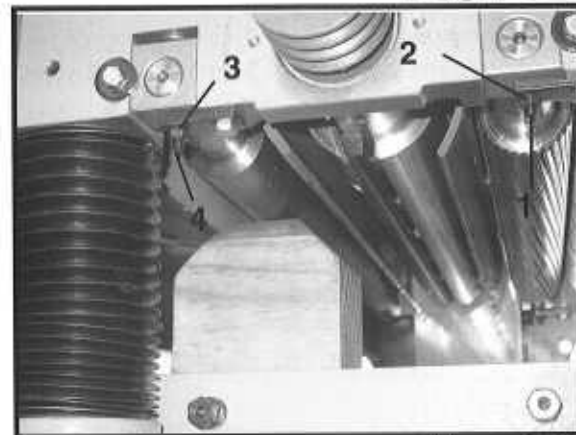


Fig. 32

CHECK HEIGHT OF PRESSURE BAR

When adjusting pressure bar, the correct position of wooden gauge is the same height as cutterhead as shown in (Fig. 33).

Adjustment

1. Loosen screw no.1 and nut no.2, turn the screw to the right so that the pressure bar moves upward. (Fig.34)
2. Place gauge block and 0.2m/m thickness gauge under the cutterhead as shown in (Fig.35).
3. Place gauge block under pressure bar.
4. Make pressure bar touch the top of the gauge block.
5. Final, turn the screw (1) tightly, and replace the nut (2).

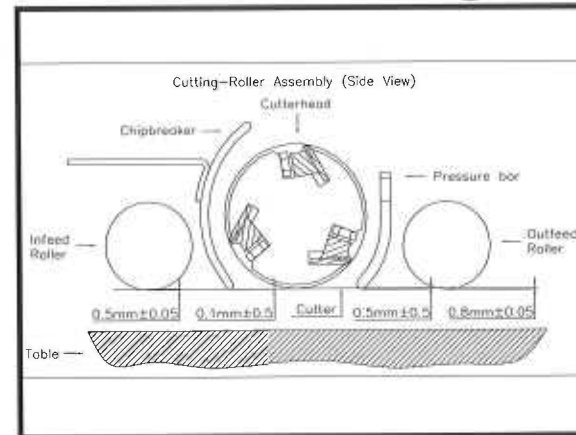


Fig. 33



Fig. 34

CHECK HEIGHT OF CHIPBREAKER

When adjusting the chipbreaker, the correct position of wooden gauge is the same height as cutterhead as shown in (Fig.35). Adjust process of screw and nut as shown in (Fig. 36).

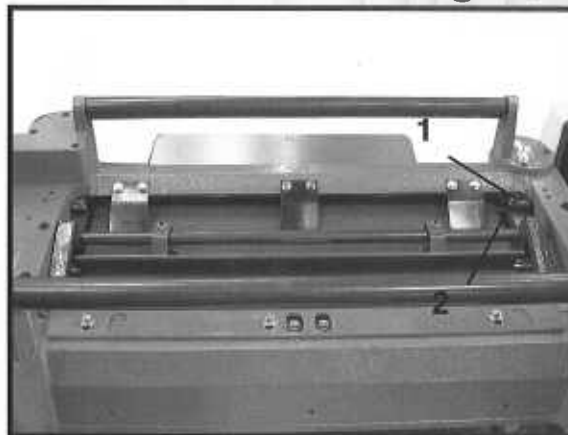
Adjustments

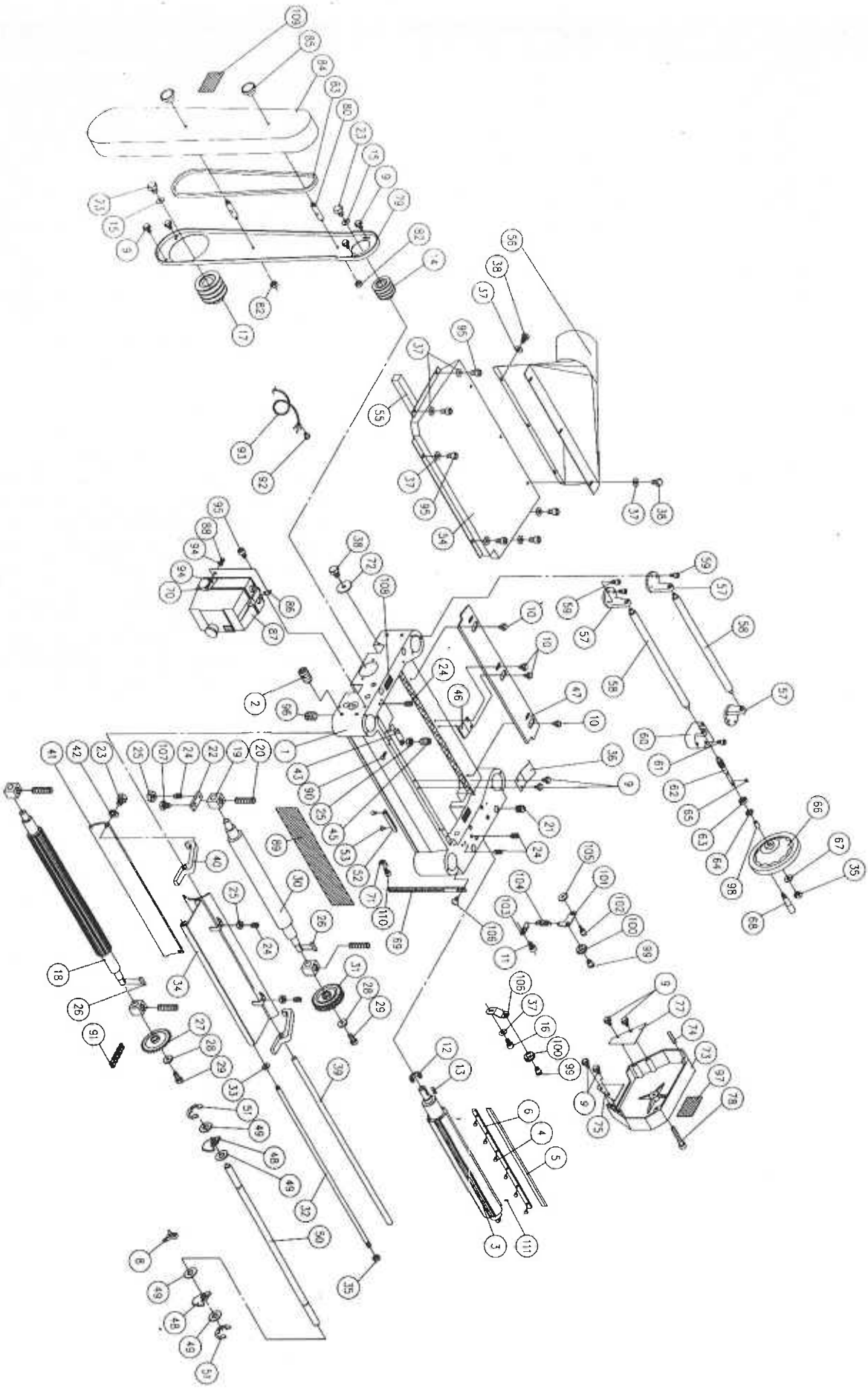
1. Place wooden gauge and thickness gauge as shown in (Fig.35)
2. Loosen screw no.1, and nut no.2, turn screw to the right to make chipbreaker move upward.
3. Place gauge block under the chipbreaker.
4. Make chipbreaker move downwards slowly until it touches the top of the gauge block.
5. Once adjusted, turn screw (1) tightly, and replace the nut (2).

Fig. 35



Fig. 36





**PARTS LIST
30-300**

| PART NO. | DESCRIPTION | SPECIFICATION | QTY |
|-----------------|------------------------|----------------------|------------|
| 30300-01 | HEAD CASTING | | 1 |
| 30300-02 | SET SCREW | M10 X 1.5P -12 | 8 |
| 30300-03 | CUTTER HEAD | | 1 |
| 30300-04 | HEX. HD. SCREW | M8 X 1.25P -10 | 18 |
| 30300-05 | KNIVES | | 3 |
| 30300-06 | KNIFE LOCKING BAR | | 3 |
| 30300-07 | HEX. HD. SCREW | | 6 |
| 30300-08 | KNIFE GAUGE | | 14 |
| 30300-09 | HEX HD. SCREW W/WASHER | | 14 |
| 30300-10 | HEX HD. SCREW W/WASHER | | 4 |
| 30300-11 | CAP SCREW | | 2 |
| 30300-12 | BEARING | 6206 2NSE | 1 |
| 30300-13 | KEY | 8 X 8 X 35 | 1 |
| 30300-14 | MACHINE PULLEY | | 1 |
| 30300-15 | WASHER | 8 X 30 X 3t | 2 |
| 30300-17 | MOTOR PULLEY | | 1 |
| 30300-18 | INFEED ROLLER | | 1 |
| 30300-19 | BUSH | | 4 |
| 30300-20 | SPRING | | 4 |
| 30300-21 | SCREW | M22 X 1.5P-20 | 4 |
| 30300-22 | PLATE | | 1 |
| 30300-23 | HEX. HD. SCREW | M8 X 1.25P - 20 | 8 |
| 30300-24 | SET SCREW | M6 X 1.0P - 16 | 4 |
| 30300-25 | NUT | M6 X 1.0P | 8 |
| 30300-26 | KEY | 5 X 5 X 22 | 2 |
| 30300-27 | SPROCKET | 31T | 1 |
| 30300-28 | WASHER | 6.2 X 22 X 3 | 2 |
| 30300-29 | HEX. HD. SCREW | M6 X 1.0P | 2 |
| 30300-30 | OUTFEED ROLLER | | 1 |
| 30300-31 | SPROCKET | | 1 |
| 30300-32 | SHAFT | | 1 |
| 30300-33 | RETAINING RING | STW-12 | 1 |
| 30300-34 | CHIP BREAKER | | 1 |
| 30300-35 | NUT | M12 X 1.75P | 2 |
| 30300-36 | PLATE SPRING | | 3 |
| 30300-37 | WASHER | 6.6 X 13 X 1.0 | 14 |
| 30300-38 | HEX. HD. SCREW | M6 X 1.0P X 12 | 11 |

NOTES

**PARTS LIST
30-300**

| PART NO. | DESCRIPTION | SPECIFICATION | QTY |
|-----------------|----------------------|----------------------|------------|
| 30300-39 | SHAFT | | 1 |
| 30300-40 | BRACKET | | 2 |
| 30300-41 | PRESSURE PLATE | | 1 |
| 30300-42 | SPRING WASHER | 8.2 x 15.4 x 2 | 2 |
| 30300-43 | SHAFT | | 2 |
| 30300-45 | SET SCREW | M6 X 1.0P -20 | 2 |
| 30300-46 | PLATE SPRING | 0.6T | 3 |
| 30300-47 | CHIP DEFLECTOR PLATE | | 1 |
| 30300-48 | ANTI-KICK FINGER | | 86 |
| 30300-49 | COLLAR | | 86 |
| 30300-50 | SHAFT | | 1 |
| 30300-51 | RETAINING RING | ETW-15 | 2 |
| 30300-52 | CUT LIMITER PLATE | | 1 |
| 30300-53 | FLAT HD. MACH SCREW | M5 X 0.8P X 12 | 2 |
| 30300-54 | UPPER COVER | | 1 |
| 30300-55 | GASKET | | 1 |
| 30300-56 | COLLECTOR TUBE | | 1 |
| 30300-57 | ROLLER STAND | | 3 |
| 30300-58 | ROLLER | | 2 |
| 30300-59 | CAP SCREW | M6 X 1.0P - 16 | 9 |
| 30300-60 | WORM GEAR BOX | | 1 |
| 30300-61 | CAP SCREW | M6 X 1.0P - 50 | 3 |
| 30300-62 | WORM | | 1 |
| 30300-63 | BEARING | 6201 z | 1 |
| 30300-64 | RETAINING RING | RTW-32 | 1 |
| 30300-65 | KEY | 4 X 4 X 10 | 1 |
| 30300-66 | HAND WHEEL | | 1 |
| 30300-67 | WASHER | 13 X 28 X 3 | 1 |
| 30300-68 | HANDLE | | 1 |
| 30300-69 | SCALE | | 1 |
| 30300-70 | PAN HD. SCREW | 3/16" x 24NC x 3/8" | 2 |
| 30300-71 | CUT LIMIT POINTER | | 1 |
| 30300-72 | WASHER | 8.2 X 23 X 2† | 2 |
| 30300-73 | COVER | | 1 |
| 30300-74 | SPRING PIN | ø6 X 20 | 2 |
| 30300-75 | SAFETY HATCH | | 1 |
| 30300-76 | PAN HD. SCREW | M6 X 1.0P - 12 | 6 |

NOTES

**PARTS LIST
30-300**

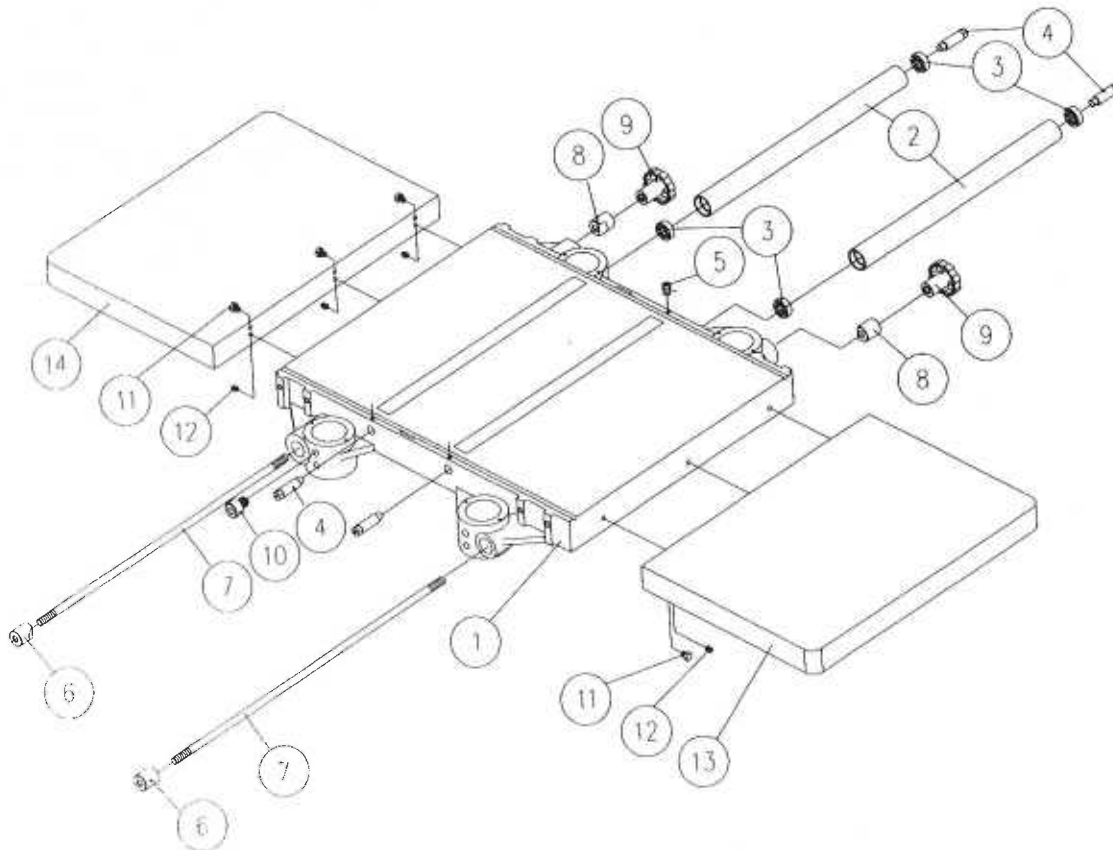
| PART NO. | DESCRIPTION | SPECIFICATION | QTY |
|-----------------|--------------------|----------------------|------------|
| 30300-77 | SAFETY HATCH | | 1 |
| 30300-78 | CAP SCREW | M8 X 1.25P - 40 | 1 |
| 30300-79 | PULLEY GUARD | | 1 |
| 30300-80 | BOLT | | 2 |
| 30300-82 | NUT | 5/16" - 18NC | 2 |
| 30300-83 | BELT | | 3 |
| 30300-84 | PULLEY COVER | | 3 |
| 30300-85 | NUT | 5/16" - 18NC | 1 |
| 30300-86 | SWITCH BOARD | | 2 |
| 30300-87 | SWITCH | | 1 |
| 30300-88 | HEX NUT | 3/16" x 24 | 1 |
| 30300-89 | NAME PLATE | | 2 |
| 30300-90 | RIVET | 2 x 5 | 1 |
| 30300-91 | CHAIN | 06B x 67P | 4 |
| 30300-92 | RELIEF BUSHING | | 1 |
| 30300-93 | POWER SUPPLY WIRE | | 1 |
| 30300-94 | TOOTH WASHER | BW-5 | 1 |
| 30300-95 | CAP SCREW | M6 X 1.0P - 12 | 2 |
| 30300-96 | SET SCREW | M8 X 1.25P - 8 | 11 |
| 30300-97 | LABEL | | 1 |
| 30300-98 | COLLAR | | 1 |
| 30300-99 | SHAFT | | 1 |
| 30300-100 | IDLE PULLEY | | 1 |
| 30300-101 | BRACKET | | 1 |
| 30300-102 | SHAFT | | 1 |
| 30300-103 | HANGER | | 1 |
| 30300-104 | SPRING | | 1 |
| 30300-105 | WASHER | 8.2 X 22 X 3† | 1 |
| 30300-106 | BRACKET | M6 X 1.0P X 12 | 2 |
| 30300-107 | CAP SCREW | M6 X 1.25 X 18 | 1 |
| 30300-108 | LABEL | | 2 |
| 30300-109 | WARNING LABEL | | 1 |
| 30300-110 | CAP SCREW | M5 X 0.8 X 10 | 1 |

NOTES

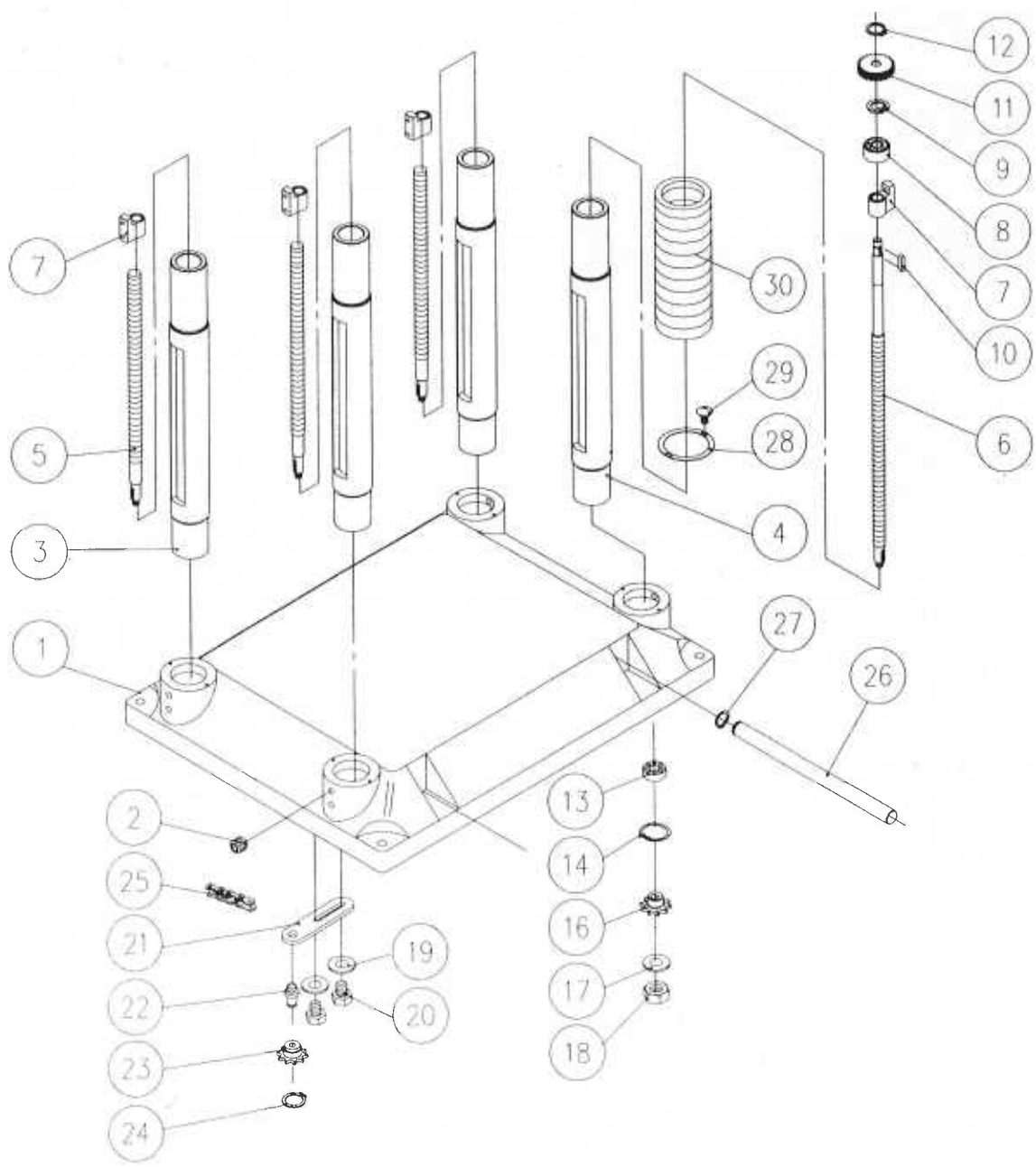
**PARTS LIST
30-300**

| PART NO. | DESCRIPTION | SPECIFICATION | QTY |
|------------|-----------------|-----------------|-----|
| 30300-01 T | MIDDLE TABLE | | 1 |
| 30300-02 T | ROLLER | | 2 |
| 30300-03 T | BEARING | 6201Z | 4 |
| 30300-04 T | ECCENTRIC SHAFT | | 4 |
| 30300-05 T | SET SCREW | M6 X 1.0P - 12 | 4 |
| 30300-06 T | LOCK BAR | | 2 |
| 30300-07 T | LOCKING BOLT | | 2 |
| 30300-08 T | LOCKSMITH | | 2 |
| 30300-09 T | KNOB | | 2 |
| 30300-10 T | CAP SCREW | M8 X 1.25P - 16 | 8 |
| 30300-11 T | HEX HD. SCREW | M8 X 1.25P -25 | 6 |
| 30300-12 T | SET SCREW | M8 X 1.25P X 20 | 6 |
| 30300-13 T | EXTENSION WING | | 1 |
| 30300-14 T | EXTENSION WING | | 1 |

TABLE



BASE

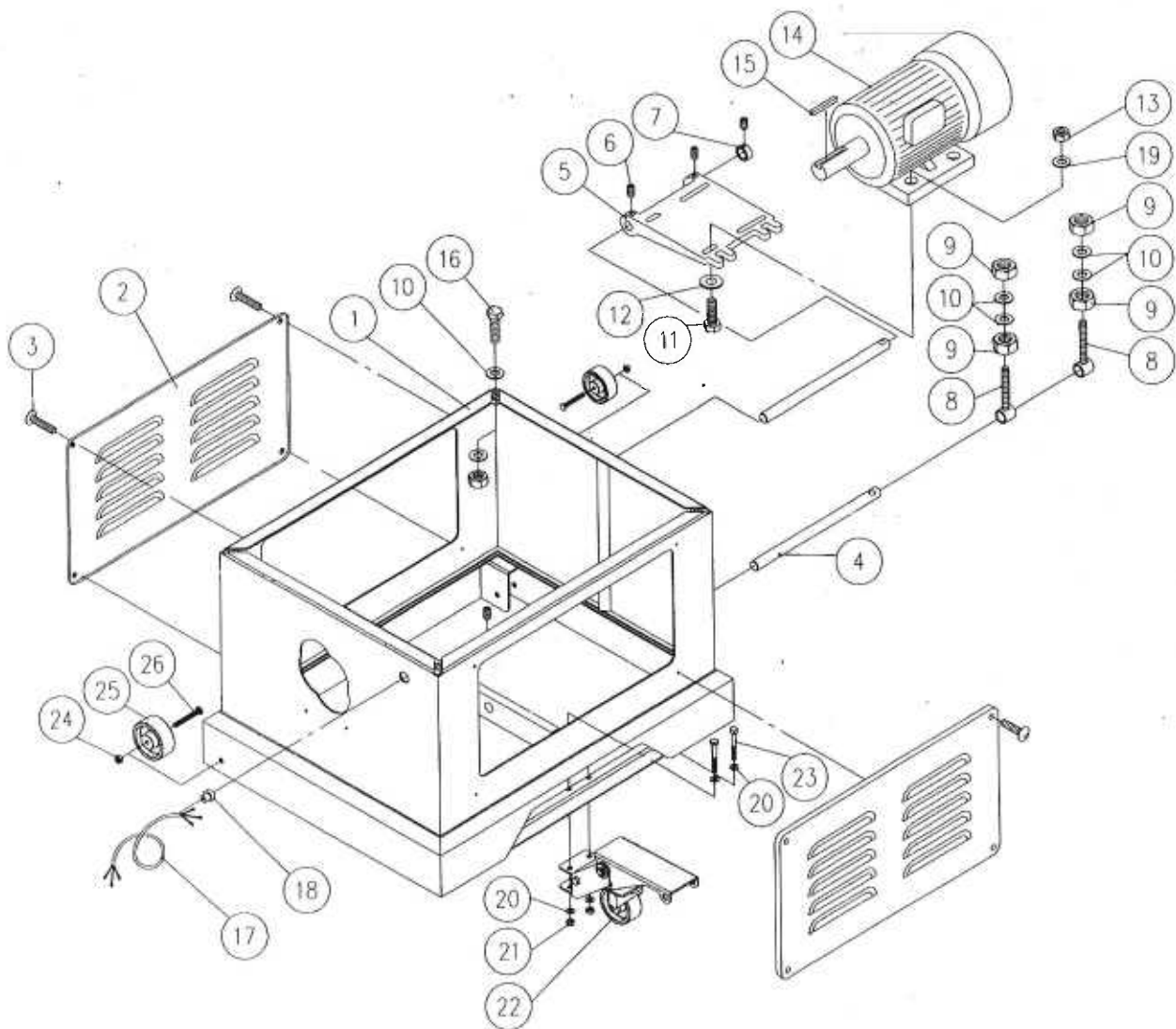


**PARTS LIST
30-300**

| PART NO. | DESCRIPTION | SPECIFICATION | QTY |
|-----------------|--------------------|----------------------|------------|
| 30300-01 B | BASE | | 1 |
| 30300-02 B | SET SCREW | M10 X 1.5P -12 | 8 |
| 30300-03 B | COLUMN | | 3 |
| 30300-04 B | COLUMN | | 1 |
| 30300-05 B | LEAD SCREW | | 2 |
| 30300-06 B | LEAD SCREW | | 1 |
| 30300-07 B | NUT | | 4 |
| 30300-08 B | BUSH | | 1 |
| 30300-09 B | RETAINING RING | RTW-38 | 1 |
| 30300-10 B | KEY | 4 X 4 X 10 | 1 |
| 30300-11 B | GEAR | 24T | 1 |
| 30300-12 B | RETAINING RING | STW-12 | 1 |
| 30300-13 B | BEARING | 6202 | 4 |
| 30300-14 B | RETAINING RING | RTW-35 | 4 |
| 30300-16 B | SPROCKET | 10T | 4 |
| 30300-17 B | WASHER | 3/8" X 20 X 1.5 | 4 |
| 30300-18 B | NUT | M10 X 1.25P | 4 |
| 30300-19 B | WASHER | ø8.2 X 22 X 3 | 2 |
| 30300-20 B | HEX. HD. SCREW | M18 X 1.25P-25 | 2 |
| 30300-21 B | BRACKET | | 1 |
| 30300-22 B | SHAFT | | 1 |
| 30300-23 B | SPROCKET | 10T | 2 |
| 30300-24 B | RETAINING RING | STW-15 | 1 |
| 30300-25 B | CHAIN | NO. 40 x 16 6P | 1 |
| 30300-26 B | CRANE POST | | 4 |
| 30300-27 B | RETAINING RING | ETW-19 | 4 |
| 30300-28 B | PIPE BAND | | 16 |
| 30300-29 B | MACHINE SCREW | M5 X 0.8P - 10 | 32 |
| 30300-30 B | EXPANSION BEND | | 8 |

NOTES

STAND

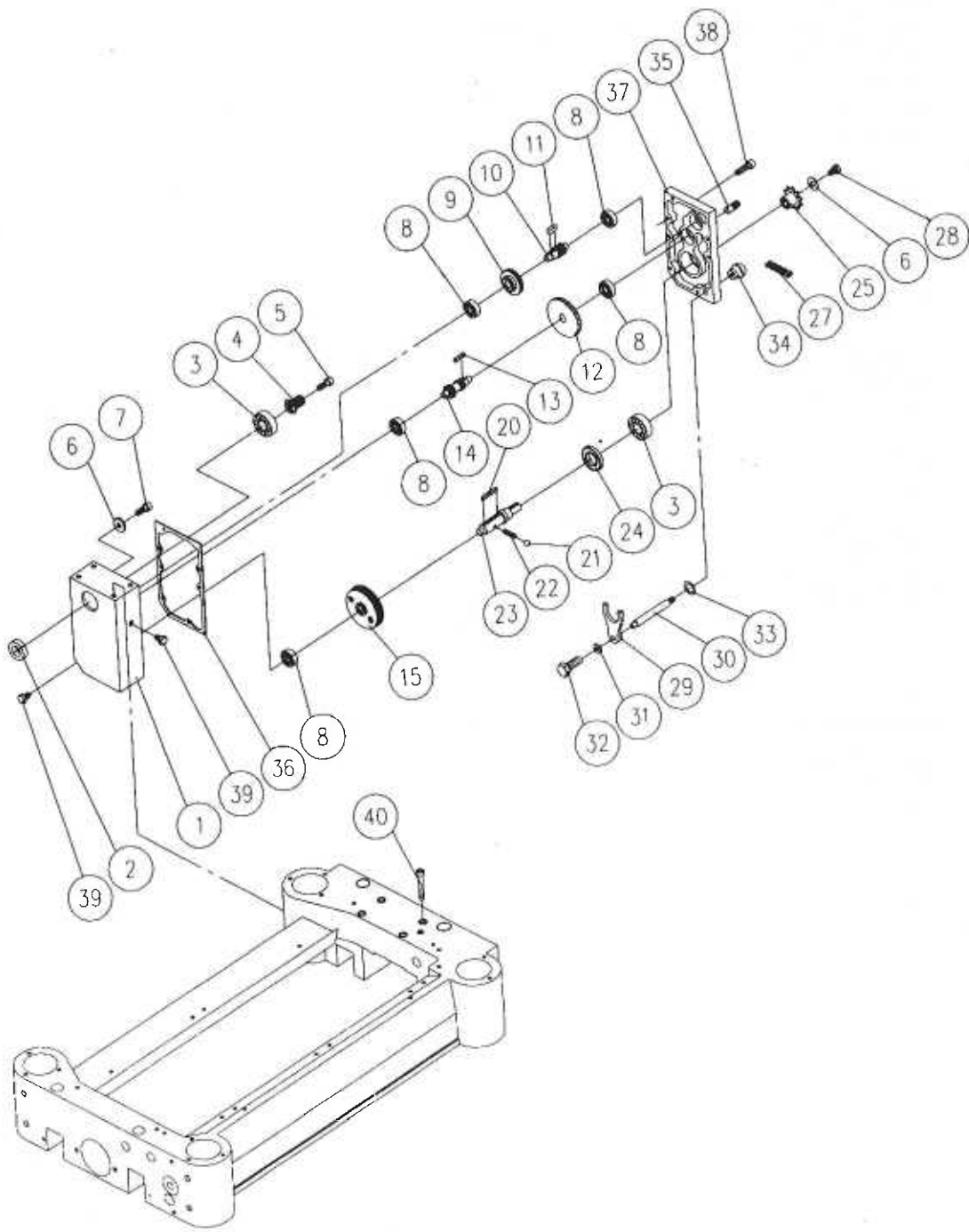


**PARTS LIST
30-300**

| PART NO. | DESCRIPTION | SPECIFICATION | QTY |
|-----------------|--------------------|----------------------|------------|
| 30300-01 S | STAND | | 1 |
| 30300-02 S | COVER | | 2 |
| 30300-03 S | MACHINE SCREW | M6 X 1.0P - 20 | 8 |
| 30300-04 S | BAR | | 2 |
| 30300-05 S | MOTOR MOUNT | | 1 |
| 30300-06 S | SET SCREW | M8 X 1.25P - 8 | 4 |
| 30300-07 S | COLLAR | | 1 |
| 30300-08 S | ADJUSTING BOLT | | 2 |
| 30300-09 S | HEX NUT | M12 X 1.75P | 8 |
| 30300-10 S | WASHER | 1/2 X 28 X 3 | 12 |
| 30300-11 S | HEX HD. SCREW | M8 X 1.25P - 25 | 4 |
| 30300-12 S | WASHER | 5/16" X 23 X 2 | 8 |
| 30300-13 S | NUT | M8 X 1.25P | 6 |
| 30300-14 S | MOTOR | | 1 |
| 30300-15 S | KEY | 5 X 5 X 30 | 1 |
| 30300-16 S | HEX HD. SCREW | M12 X 1.75P - 60 | 4 |
| 30300-17 S | POWER SUPPLY WIRE | | 1 |
| 30300-18 S | RELIEF BUSHING | | 1 |
| 30300-19 S | WASHER | 5/16" X 16 X 1.8 | 8 |
| 30300-20 S | HEX SCREW | | 2 |
| 30300-21 S | HEX NUT | M8 X 1.25P | 2 |
| 30300-22 S | PEDAL ASSY | | 1 |
| 30300-23 S | HEX SCREW | M8 X 1.25P X 60 | 2 |
| 30300-24 S | NUT | M8 X 1.25P | 2 |
| 30300-25 S | WHEEL | | 2 |
| 30300-26 S | SCREW | M8 X 1.25P X 60 | 2 |

NOTES

GEAR BOX



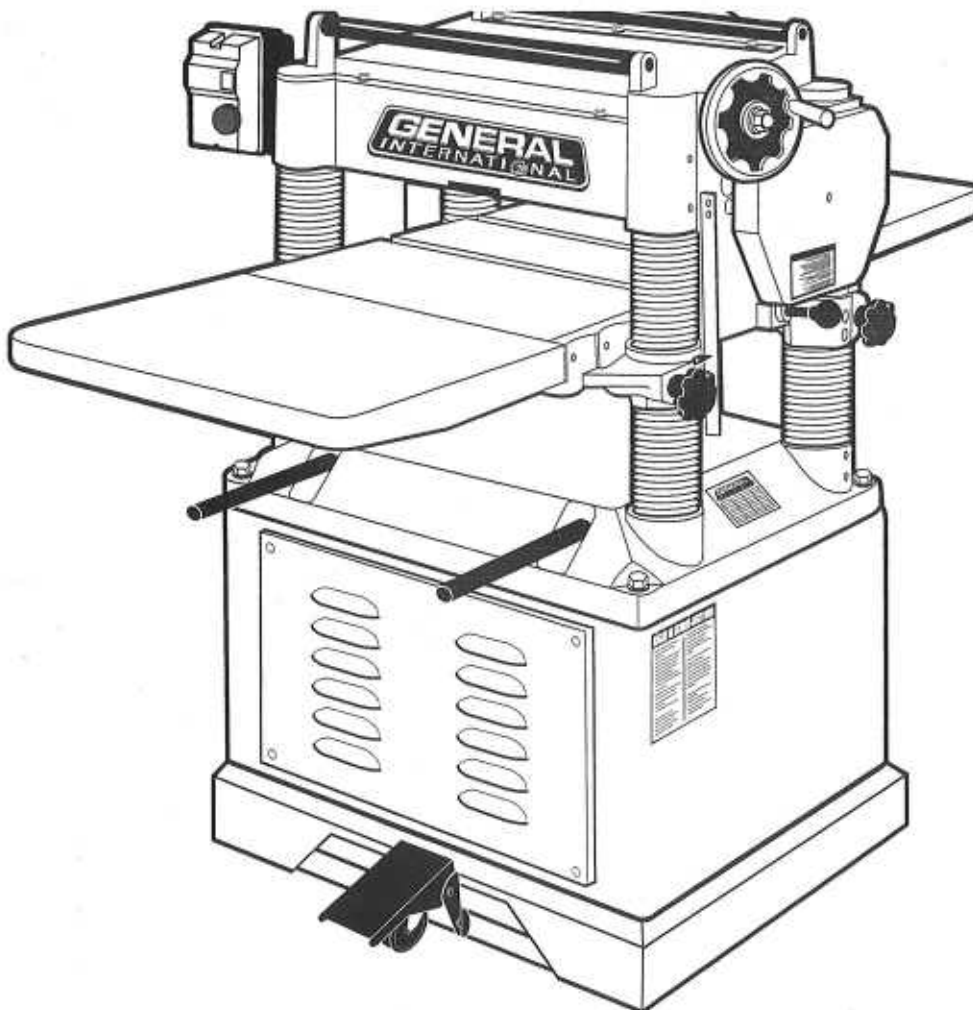
**PARTS LIST
30-300**

| PART NO. | DESCRIPTION | SPECIFICATION | QTY |
|-----------------|--------------------------------------|----------------------|------------|
| 30300-01 G | GEAR BOX | | 1 |
| 30300-02 G | OIL SEAL | TC 28 X 40 X 8 | 1 |
| 30300-03 G | BEARING | 6204 ZZ | 2 |
| 30300-04 G | GEAR | | 1 |
| 30300-05 G | CAP SCREW | M6 X 1.0P - 25 | 1 |
| 30300-06 G | WASHER | 6.2 x 22 x 3† | 2 |
| 30300-07 G | CAP SCREW | M6 X 1.0P - 12 | 1 |
| 30300-08 G | BEARING | .6201 | 5 |
| 30300-09 G | GEAR | | 1 |
| 30300-10 G | SHAFT | | 1 |
| 30300-11 G | KEY | 5 X 5 X 12 | 1 |
| 30300-12 G | GEAR | | 1 |
| 30300-13 G | KEY | 5 X 5 X 10 | 2 |
| 30300-14 G | SHAFT | | 1 |
| 30300-15 G | GEAR | | 1 |
| 30300-20 G | KEY | 6 X 6 X 40 | 3 |
| 30300-21 G | BALL | 6 | 1 |
| 30300-22 G | SPRING | | 1 |
| 30300-23 G | SHAFT | | 1 |
| 30300-24 G | OIL SEAL | SC24 | 1 |
| 30300-25 G | SPROCKET | | 1 |
| 30300-27 G | CHAIN | 06B x 47 | 1 |
| 30300-28 G | HEX. HD. SCREW | M6 X 1.0P - 16 | 1 |
| 30300-29 G | CLUTCH | | 1 |
| 30300-30 G | HANDLE | | 1 |
| 30300-31 G | WASHER | 6.3 X 13 X 1.5† | 1 |
| 30300-32 G | HEX. HD. SCREW | M6 X 1.0P - 12 | 1 |
| 30300-33 G | OIL RING | P-12 | 1 |
| 30300-34 G | KNOB | | 1 |
| 30300-35 G | PIN | 8 x 20 | 2 |
| 30300-36 G | PACKING PIECE | | 1 |
| 30300-37 G | COVER | | 1 |
| 30300-38 G | CAP SCREW | M6 X 1.0P - 25 | 5 |
| 30300-39 G | OIL PLUG | PT1 / 4-19 | 2 |
| 30300-40 G | CAP SCREW | M8 X 1.25P - 50 | 4 |
| 30300-41 G | KNIFE SETTING GAUGE ROD (NOT SHOWN) | | 1 |
| 30300-42 G | KNIFE SETTING GAUGE FOOT (NOT SHOWN) | | 2 |
| 30300-43 G | C-CLIP (NOT SHOWN) | | 4 |
| 30300-44 G | 17-19 MM WRENCH (NOT SHOWN) | | 1 |
| 30300-45 G | 12-14 MM WRENCH (NOT SHOWN) | | 1 |
| 30300-46 G | 8-10 MM WRENCH (NOT SHOWN) | | 1 |
| 30300-47 G | SCREW (FOR DUST CHUTE) (NOT SHOWN) | | 6 |
| 30300-48 G | WASHER (FOR DUST CHUTE) (NOT SHOWN) | | 6 |

NOTES

NOTES

30-300



**8360, Champ-d'Eau, Montreal (Quebec)
Canada H1P 1Y3**

Tel.: (514) 326-1161

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IMPORTANT: When ordering replacement parts, always give the model number, serial number of the machine and part number. Also a brief description of each item and quantity desired.