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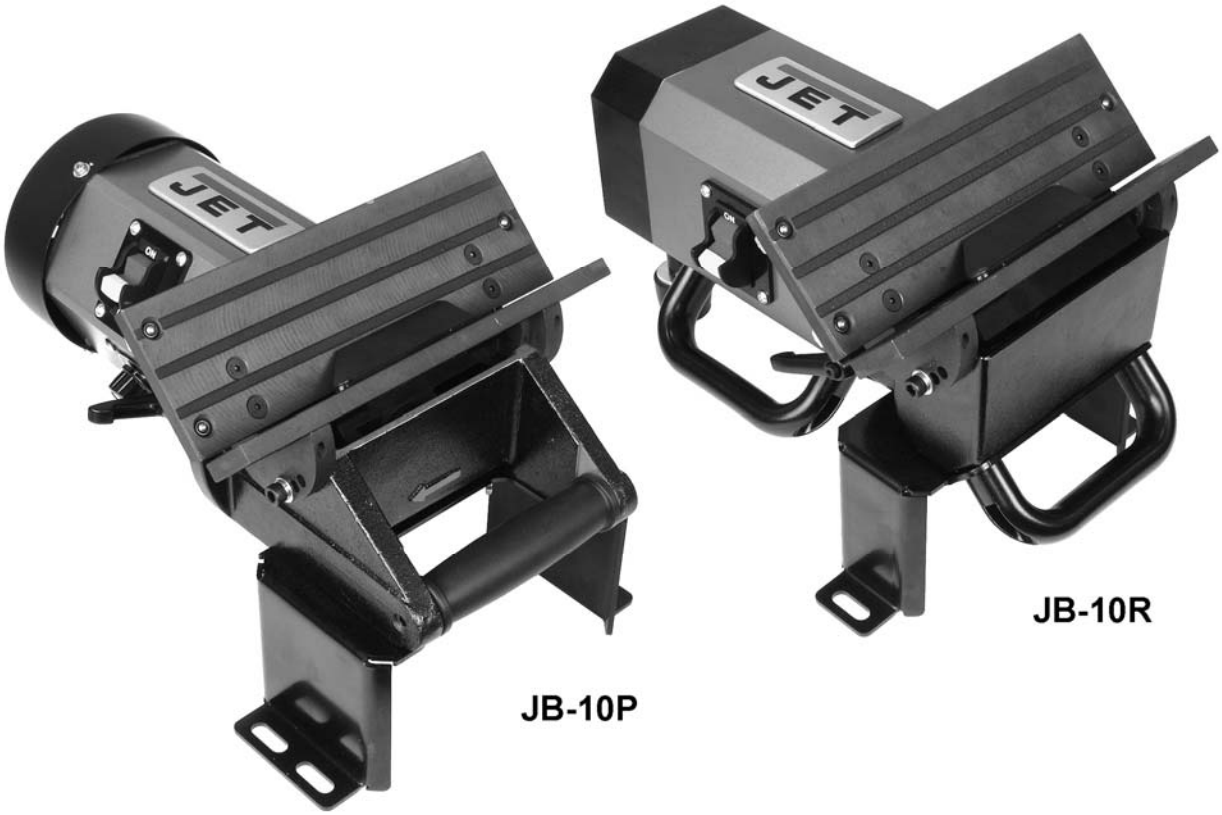
Operating Instructions and Parts Manual
Portable Plate Beveling Machine
Models JB-10P, JB-10R



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1.0 IMPORTANT SAFETY INSTRUCTIONS

1.1 General power tool safety warnings

WARNING: Read all safety warnings, instructions, illustrations and specifications provided with this power tool. Failure to follow all instructions listed below may result in electric shock, fire and/or serious injury.

Save all warnings and instructions for future reference.

The term "power tool" in the warnings refers to your mains-operated (corded) power tool or battery operated (cordless) power tool.

Work area safety

- **Keep work area clean and well lit.** Cluttered or dark areas invite accidents.
- **Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases or dust.** Power tools create sparks which may ignite the dust or fumes.
- **Keep children and bystanders away while operating a power tool.** Distractions can cause you to lose control.

Electrical safety

- **Power tool plugs must match the outlet. Never modify the plug in any way. Do not use any adapter plugs with earthed (grounded) power tools.** Unmodified plugs and matching outlets will reduce risk of electric shock.
- **Avoid body contact with earthed or grounded surfaces, such as pipes, radiators, ranges and refrigerators.** There is an increased risk of electric shock if your body is earthed or grounded.
- **Do not expose power tools to rain or wet conditions.** Water entering a power tool will increase the risk of electric shock.
- **Do not abuse the cord. Never use the cord for carrying, pulling or unplugging the power tool. Keep cord away from heat, oil, sharp edges or moving parts.** Damaged or entangled cords increase the risk of electric shock.
- **When operating a power tool outdoors, use an extension cord suitable for outdoor use.** Use of a cord suitable for outdoor use reduces the risk of electric shock.
- **If operating a power tool in a damp location is unavoidable, use a GFCI (ground fault circuit interruptor) protected supply.** Use of a GFCI reduces the risk of electric shock.

Personal safety

- **Stay alert, watch what you are doing and use common sense when operating a power tool. Do not use a power tool while you are tired or under the influence of drugs, alcohol or medication.** A moment of inattention while operating power tools may result in serious personal injury.
- **Use personal protective equipment. Always wear eye protection.** Protective equipment such as dust mask, non-skid safety shoes, hard hat, or hearing protection used for appropriate conditions will reduce personal injuries.
- **Prevent unintentional starting. Ensure the switch is in the off-position before connecting to power source and/or battery pack, picking up or carrying the tool.** Carrying power tools with your finger on the switch or energising power tools that have the switch on invites accidents.
- **Remove any adjusting key or wrench before turning the power tool on.** A wrench or a key left attached to a rotating part of the power tool may result in personal injury.
- **Do not overreach. Keep proper footing and balance at all times.** This enables better control of the power tool in unexpected situations.
- **Dress properly. Do not wear loose clothing or jewelry. Keep your hair, clothing and gloves away from moving parts.** Loose clothes, jewelry or long hair can be caught in moving parts.
- **If devices are provided for the connection of dust extraction and collection facilities, ensure these are connected and properly used.** Use of dust collection can reduce dust-related hazards.
- **Do not let familiarity gained from frequent use of tools allow you to become complacent and ignore tool safety principles.** A careless action can cause severe injury within a fraction of a second.

Power tool use and care

- **Do not force the power tool. Use the correct power tool for your application.** The correct power tool will do the job better and safer at the rate for which it was designed.
- **Do not use the power tool if the switch does not turn it on and off.** Any power tool that cannot be controlled with the switch is dangerous and must be repaired.
- **Disconnect the plug from the power source and/or remove the battery pack, if detachable, from the power tool before making any adjustments, changing accessories, or storing power tools.** Such preventive safety measures reduce the risk of starting the power tool accidentally.

- **Store idle power tools out of the reach of children and do not allow persons unfamiliar with the power tool or these instructions to operate the power tool.** Power tools are dangerous in the hands of untrained users.
- **Maintain power tools and accessories. Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the power tool's operation. If damaged, have the power tool repaired before use.** Many accidents are caused by poorly maintained power tools.
- **Keep cutting tools sharp and clean.** Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.
- **Use the power tool, accessories and tool bits etc. in accordance with these instructions, taking into account the working conditions and the work to be performed.** Use of the power tool for operations different from those intended could result in a hazardous situation.
- **Keep handles and grasping surfaces dry, clean and free from oil and grease.** Slippery handles and grasping surfaces do not allow for safe handling and control of the tool in unexpected situations.

Service

- **Have your power tool serviced by a qualified repair person using only identical replacement parts.** This will ensure that the safety of the power tool is maintained.

Additional

- **Hold power tool by insulated gripping surfaces, because the cutter may contact its own cord.** Cutting a "live" wire may make exposed metal parts of the power tool "live" and shock the operator.
- **Use clamps or another practical way to secure and support the workpiece to a stable platform.** Holding the work by your hand or against the body leaves it unstable and may lead to loss of control.

1.2 Specific safety warnings for plate beveling machine

- **This beveling machine is designed and intended for use by properly trained and experienced personnel only.** If you are not familiar with the proper and safe operation of a plate beveling machine, do not use until proper training and knowledge have been obtained.
- **Do not use this beveling machine for other than its intended use.** If used for other purposes, JET disclaims any real or implied warranty and holds itself harmless from any injury that may result from that use.
- **CALIFORNIA PROPOSITION 65 WARNING**: This product contains chemicals known to the State of California to cause cancer, or birth defects or other reproductive harm.
- This product, when used for welding, cutting, or working with metal, produces fumes, gases, or dusts which contain chemicals known to the State of California to cause birth defects and, in some cases, cancer. (California Health and Safety Code Section 25249.5 et seq.)
- **Prevent unauthorized use of machine**. When machine is not being used, remove safety key from on/off switch and store in safe location.
- **Feed workpiece against direction of cutter rotation only**. Arrows are provided on the machine and its accessories to help identify proper direction.
- **Only use blade inserts designed for the cutterhead of the beveling machine**. Do not attempt to modify the cutterhead or use inserts that fail to comply with machine specifications. Make sure all inserts are securely fastened in cutterhead before operating machine.

Familiarize yourself with the following safety notices used in this manual:

⚠CAUTION This means that if precautions are not heeded, it may result in minor injury and/or possible machine damage.

⚠WARNING This means that if precautions are not heeded, it may result in serious or possibly fatal injury.

2.0 **Table of contents**

Section **Page**

3.0 **About this manual**

This manual is provided by JET covering the safe operation and maintenance procedures for a JET Portable Plate Beveling Machine. This manual contains instructions on installation, safety precautions, general operating procedures, maintenance instructions and parts breakdown. Your machine has been designed and constructed to provide consistent, long-term operation if used in accordance with the instructions as set forth in this document.

If there are questions or comments, please contact your local supplier or JET. JET can also be reached at our web site: www.jettools.com.

Retain this manual for future reference. If the machine transfers ownership, the manual should accompany it.

⚠WARNING **Read and understand the entire contents of this manual before attempting assembly or operation. Failure to comply may cause serious injury.**

Register your product using the mail-in card provided, or register online:

http://www.jettools.com/us/en/service-and-support/product-registration/

4.0 **Specifications**

Table 1

Model number	**JB-10P**	**JB-10R**
Stock number	751005	751010
Motor and Electricals		
Motor type	DC servo, brushless, fan cooled	
Horsepower	1HP (728 W)	
Motor phase	single	
Motor voltage	115 V	
Cycle	60/50 Hz	
Listed FLA (full load amps)	10 A	
Motor speed	variable, 2000-5000 RPM	variable, 2000-6000 RPM
PC board	310V DC output, 115VAC input	
Power transfer	Direct drive	
On/off switch	Magnetic switch, with removable safety key	
Power cord and plug	ST-201 3x14AWG 300V, 9 ft., 15A plug	
Recommended circuit size [1]	15 A	
Sound emission without load [2]	70dB	
Capacities		
Chamfer angle range	15° to 45°	
Maximum chamfer width	3/8 in. (9.5 mm) at 45°	
Guide plate adjustment stops	15°, 30°, 45°	
Number of blade inserts	5 (indexable)	
Guide plate length	9 in. (230 mm)	
Minimum workpiece thickness	1/8 in. (3 mm)	
Main materials		
Motor housing and end shields	Aluminum/sheet metal	aluminum
Blade inserts	Carbide steel	
Guide plates	Steel	
Handles	Polymer, rubber	Polymer
General Dimensions		
Overall dimensions L x W x H (approx.)	370 x 230 x 230 mm (14.6 x 239 x 9 in.)	
Shipping dimensions L x W x H (approx.)	400 x 280 x 300 mm (15.7 x 11 x 11.8 in.)	
Weights		
Net weight (approx.)	9.3 kg (20.46 lbs)	8.3 kg (18.26 lbs)
Shipping weight (approx.)	10 kg (22 lbs)	9 kg (19.8 lbs)

[1] subject to local/national electrical codes.

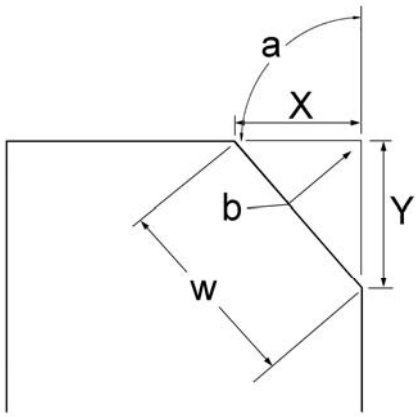
[2] The specified values are emission levels and are not necessarily to be seen as safe operating levels. As workplace conditions vary, this information is intended to allow the user to make a better estimation of the hazards and risks involved only.

L = length, W = width, H = height, D = depth

n/a = not applicable

The specifications in this manual were current at time of publication, but because of our policy of continuous improvement, JET reserves the right to change specifications at any time and without prior notice, without incurring obligations.

4.1 **Chamfering capacities**



a	X	Y	b
45°	7 mm (0.28 in.)	7 mm (0.28 in.)	5 mm (0.19 in.)
30°	3.3 mm (0.13 in.)	5.8 mm (0.23 in.)	2.9 mm (0.11 in.)
15°	1.4 mm (0.06 in.)	5.2 mm (0.20 in.)	1.3 mm (0.05 in.)

Figure 4-1: chamfering capacity (straight blade inserts)

w = chamfer width. Maximum chamfer width (w) is attainable at 45-deg.

5.0 Setup and assembly

5.1 Shipping contents

Inspect contents for shipping damage or part shortages. If either is found, contact your distributor. Do not discard carton or packing material until machine is set up and running satisfactorily.

1 Plate Beveling machine
1 Push plate
1 Pedestal
1 Prop stand (Model JB-10R only)
5 Carbide blade inserts, preinstalled *.
1 Operator's manual (not shown)
1 Product registration card (not shown)

* Model JB-10P is provided with straight carbide blade inserts (preinstalled) for making flat bevels.

* Model JB-10R is provided with R5 radiused inserts (preinstalled) and R3 radiused inserts for making rounded bevels.

5.2 Setup options

The Plate Beveling Machine may be used in portable or hand-held position, as shown in Figure 8-2; or mounted to a workbench in fixed position as shown on cover photo. If mounting to workbench, attach the pedestal using the provided wing screws, and use appropriate fasteners (not provided) to secure to bench.

NOTE: When mounting in fixed position, install guard plate, shown in Figure 8-3. When using as portable machine, leave guard plate off.

6.0 Electrical connections

⚠WARNING Electrical connections should be made by a qualified electrician in compliance with all relevant codes. Failure to comply may cause serious injury.

The JB-10 series Beveling Machine is prewired for single phase, 115V power. It is provided with a plug designed for use on a circuit with a grounded outlet that looks like the one pictured in Figure 6-1.

Before connecting to power source, be sure switch is in *off* position.

It is recommended that the Plate Beveling Machine be connected to a dedicated 15 amp circuit with circuit breaker or fuse. If fuses are used, they should be time-delay fuse marked "D". **Local codes take precedence over recommendations.**

6.1 GROUNDING INSTRUCTIONS

1. All Grounded, Cord-connected Tools:

This machine must be grounded. In the event of a malfunction or breakdown, grounding provides a path of least resistance for electric current to reduce the risk of electric shock. This tool is equipped with an electric cord having an equipment-grounding conductor and a grounding plug. The plug must be plugged into a matching outlet that is properly installed and grounded in accordance with all local codes and ordinances.

Do not modify the plug provided - if it will not fit the outlet, have the proper outlet installed by a qualified electrician.

Improper connection of the equipment-grounding conductor can result in a risk of electric shock. The conductor with insulation having an outer surface that is green with or without yellow stripes is the equipment-grounding conductor. If repair or replacement of the electric cord or plug is necessary, do not connect the equipment-grounding conductor to a live terminal.

⚠WARNING Check with a qualified electrician or service personnel if the grounding instructions are not completely understood, or if in doubt as to whether the tool is properly grounded. Failure to comply may cause serious or fatal injury.

Use only 3-wire extension cords that have 3-prong grounding plugs and 3-pole receptacles that accept the tool's plug.

Repair or replace damaged or worn cord immediately.

*2. Grounded, cord-connected tools intended for use on a supply circuit having a nominal rating **less than 150** volts:*

This tool is intended for use on a circuit that has an outlet that looks like the one illustrated in Figure 6-1.

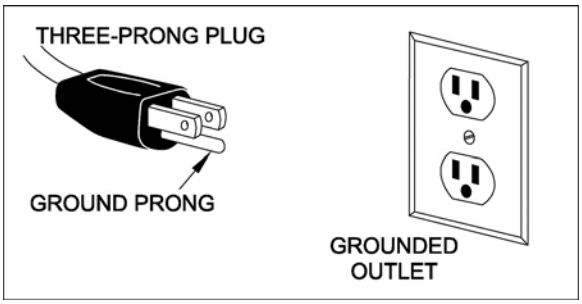


Figure 6-1

6.2 **Extension cords**

The use of extension cords is discouraged. Try to position machines within reach of the power source. If an extension cord must be used, make sure it is heavy enough to carry the current your product will draw. An undersized cord will cause a drop in line voltage resulting in loss of power and overheating. Table 2 shows correct size to use depending on cord length and nameplate ampere rating. If in doubt, use the next heavier gauge. The smaller the gauge number, the heavier the cord.

Ampere Rating		Volts	Total length of cord in feet			
More Than	Not More Than	120	25	50	100	150
			AWG			
0	6		18	16	16	14
6	10		18	16	14	12
10	12		16	16	14	12
12	16		14	12	Not Recommended	

Extension Cord Recommendations
Table 2

7.0 **Adjustments**

Note: Figures may show either JB-10P or JB-10R, but procedures are identical for both models, unless indicated otherwise.

7.1 **Tools required for adjustments**

Hex (Allen) wrenches, 2.5, 5 mm
Open-end wrench, 14 mm

7.2 **Depth of cut**

1. Loosen locking handle (A, Figure 7-1) on each side of machine.
2. Rotate knob (B) until desired depth is shown on scale in millimeters (C, Figure 7-2). NOTE: The scale is only a general guide based upon 45° position. Actual depth will vary depending upon chamfering angle.
3. Retighten locking handles (A).

   Note: Locking handles are adjustable: Lift up on handle, rotate it to more convenient position, then release.

7.3 **Chamfer angle**

1. Remove stop screw (D_1, Figure 7-2) on both sides of machine.
2. Loosen screw (D_2) on both sides of machine.
3. Tilt guide plate assembly (E) until screw hole aligns with 15, 30 or 45 degrees.
4. Insert stop screw (D_1) on both sides.
5. Tighten all four screws.

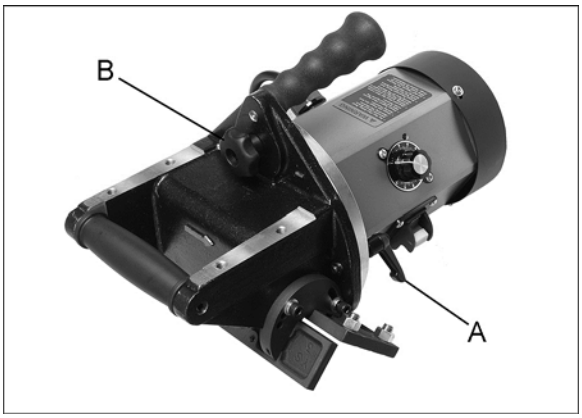


Figure 7-1: adjustments

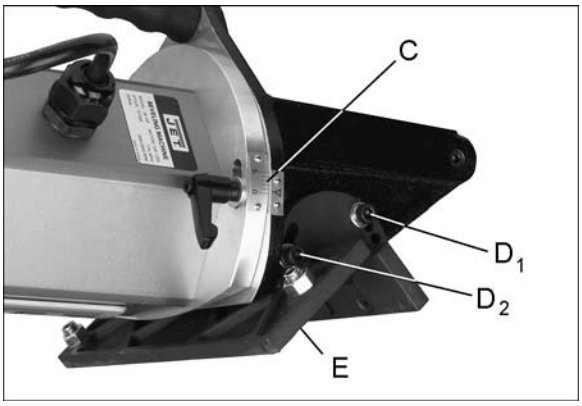


Figure 7-2: adjustments

7.4 **Bead positioning**

Steel beads in the guide plates can be positioned to reduce friction between workpiece and guide plates, resulting in smoother, more rapid progress of the cut. This is particularly useful when workpiece surface is rough or textured.

1. Loosen hex nut (F_1, Figure 7-3) with 14mm wrench.
2. Turn set screw (F_2) with 5mm hex wrench to raise steel bead (G) slightly above guide plate surface.
3. Retighten hex nut(s).

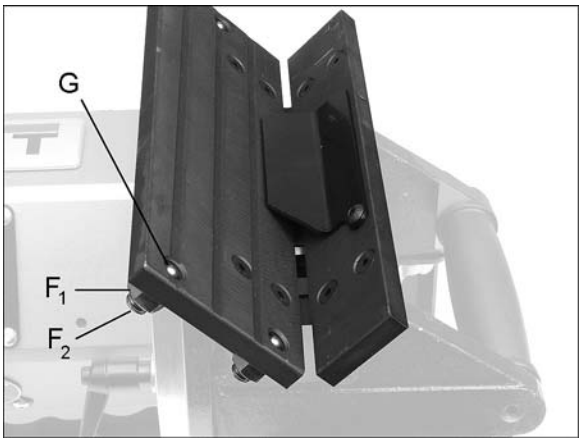


Figure 7-3: bead positioning

8.0 **Operations**

8.1 **On/off switch**

Switch has removable safety key to prevent unauthorized use of machine (Figure 8-1). Move switch to OFF and pull out key; store key in safe place. Key must be reinserted to start machine.

Figure 8-1: safety key

8.2 **Portable operation**

1. Unplug machine from power source.
2. Set depth and angle of chamfer (see *sect. 7.0*). Make sure adjustment handles and screws are tightened securely.
3. Turn speed dial (A, Figure 8-2) to “0”.
4. Plug machine into power source, and turn on switch.
5. Adjust speed dial (A). Red light near dial will illuminate.
6. Position machine at edge of workpiece, and slide in direction of arrow on machine (B, Figure 9-10). Hold machine securely during operation. Rate of feed will depend upon workpiece structure and size of chamfer. The majority of chamfer cuts can be made with a single pass.

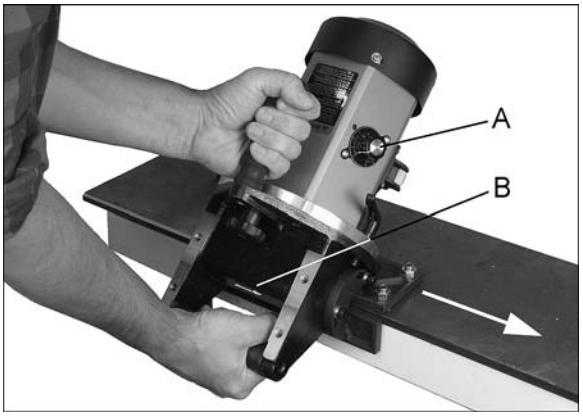


Figure 8-2: portable operation

⚠CAUTION Do not turn ON machine while cutterhead is engaging workpiece. Position machine so that cutter blades can be introduced gradually into workpiece.

8.3 **Fixed position**

1. Unplug machine from power source.
2. Install pedestal to machine using provided wing screws (model JB-10P), and mount to a stable surface, such as table or work bench. Additional fasteners required.
3. Install guard plate with screw (C, Figure 8-3). Note: A set screw limits depth of the guard screw so that guard plate can still swing freely when tightened down.

   ⚠WARNING Always install cutter guard in stationary operations which will allow its use.
4. Turn speed dial to “0”.
5. Connect machine to power and adjust speed dial. Red light near dial will illuminate.
6. Keep workpiece firmly against guide plates and slide it against cutterhead rotation, as shown in Figure 8-3.

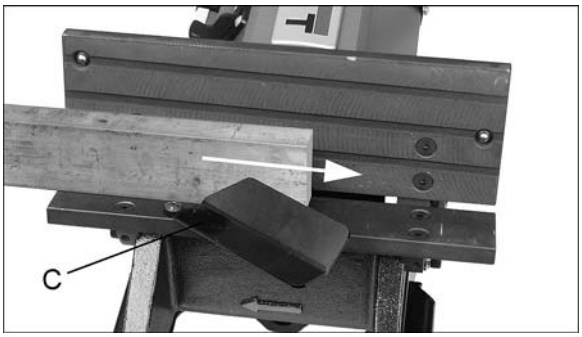


Figure 8-3: stationary operation

8.4 **Chamfering small pieces**

Multiple, small workpieces can be chamfered at once, when machine is secured in fixed position.

Position workpiece(s) inside push plate (Figure 8-4). Use clamp to secure them to plate. *Make sure clamp handle will not interfere with push plate movement.*

Keep push plate firmly against guide plates, and slide push plate across cutter in direction of arrow (D, Figure 8-4). **Keep fingers away from cutterhead area.**

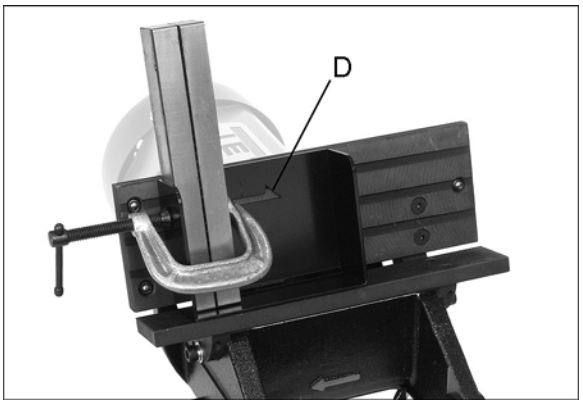


Figure 8-4: push plate

9.0 User-maintenance

⚠WARNING Always disconnect power to machine (unplug) before doing maintenance. Failure to do this may result in serious personal injury.

After each use, clean chips and shavings from the machine. **Use brush or vacuum, not bare hands.**

Apply light coat of oil to exposed metal areas, such as guide plates and cutterhead, to inhibit rust.

Inspect blade insert edges; if dull, rotate or replace.

Inspect power cord; if worn, cut, frayed or damaged in any way, replace.

9.1 Blade insert rotation/replacement

Blade inserts are indexable; if one edge becomes worn or nicked, rotate insert for a fresh edge. When all four edges have become worn, replace all 5 inserts as a set.

To rotate/replace inserts:

1. Unplug machine from power source.
2. Remove 4 screws (D_1, D_2, Figure 7-2) and lift off guide plate assembly.
3. Loosen set screw (Figure 9-1) with 2.5 mm hex wrench, until blade insert can be removed.
4. Remove blade insert and rotate it 90-degrees. Slide blade insert into position and securely tighten set screw.

   Tip: Make a practice of rotating all inserts the same direction, to keep track of used edges.

   ⚠CAUTION Make sure all set screws in cutterhead are securely tightened.

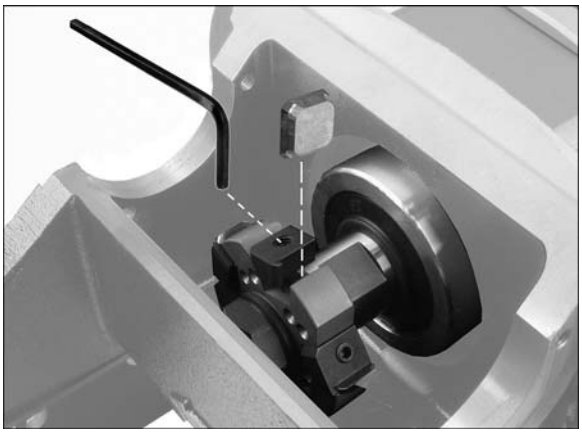


Figure 9-1: blade insert rotation/replacement

9.2 Cutterhead replacement

If cutterhead replacement is needed:

1. Unplug machine from power source.
2. Remove 4 screws (D_1, D_2, Figure 7-2) and lift off guide plate assembly.
3. Remove E-retaining rings (A, Figure 9-2) with pliers and unscrew both locking handles (B) with 2.5mm hex wrench.
4. Pull main body out of cutterhead cover.
5. Hold spindle stationary with 21mm wrench on the flats (C), while removing hex nut (D) with 23mm or adjustable wrench.
6. Remove old cutterhead and install new one. Make sure key is installed in keyway of spindle. Make sure cutterhead is securely tightened on shaft.
7. Reverse above procedure to reassemble.

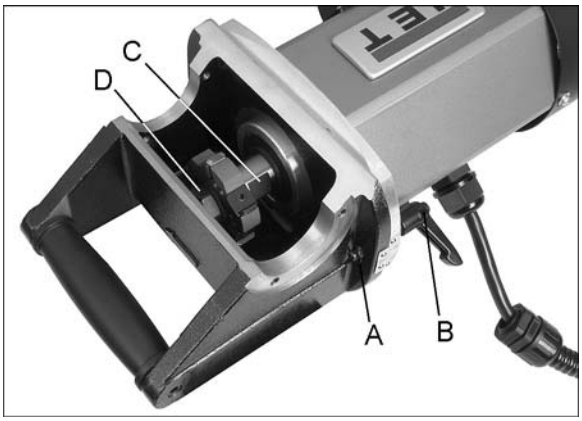


Figure 9-2

9.3 Additional servicing

Any additional servicing should be performed by authorized service personnel.

10.0 **Troubleshooting JB-10P, JB-10R**

Symptom	Possible Cause	Correction *
Motor will not start	Safety key removed from switch.	Insert safety key to start machine.
	Low voltage.	Check power line for proper voltage.
	Open circuit in motor or loose connection.	Inspect all lead connections on motor for loose or open connections.
Motor will not start: fuses or circuit breakers blow.	Short circuit in line cord or plug.	Inspect cord or plug for damaged insulation and shorted wires.
	Short circuit in motor or loose connections.	Inspect all connections on motor for loose or shorted terminals or worn insulation.
	Incorrect fuses or circuit breakers in power line.	Install correct fuses or circuit breakers.
Motor overheats, overload protection activated.	Motor overloaded.	Allow machine to cool, then restart. Reduce feed speed.
	Air circulation through motor restricted.	Clean motor fan with compressed air to restore normal air circulation.
Motor stalls, resulting in blown fuses or tripped circuit.	Motor overloaded.	Reduce load on motor.
	Short circuit in motor or loose connections.	Inspect connections on motor for loose or shorted terminals or worn insulation.
	Low voltage.	Correct the low voltage conditions.
	Incorrect fuses or circuit breakers in power line.	Install correct fuses or circuit breakers.
Motor slows when operating.	Applying too much pressure to workpiece.	Feed workpiece more slowly.
	Cutterhead rotation too slow for workpiece.	Increase rotation speed.
	Too deep of a cut.	Reduce cutting depth. Make multiple passes if needed.
	Blade inserts are dull.	Rotate or replace inserts.
Machine slides along workpiece with difficulty.	Excess friction.	Raise steel balls on guide plates to provide smoother travel.
Loud, repetitive noise coming from machine.	Motor fan is hitting fan cover.	Tighten fan or shim cover.
	Bearing failure or motor malfunction.	Have machine elements inspected, replace parts as needed (qualified personnel only).

Table 3

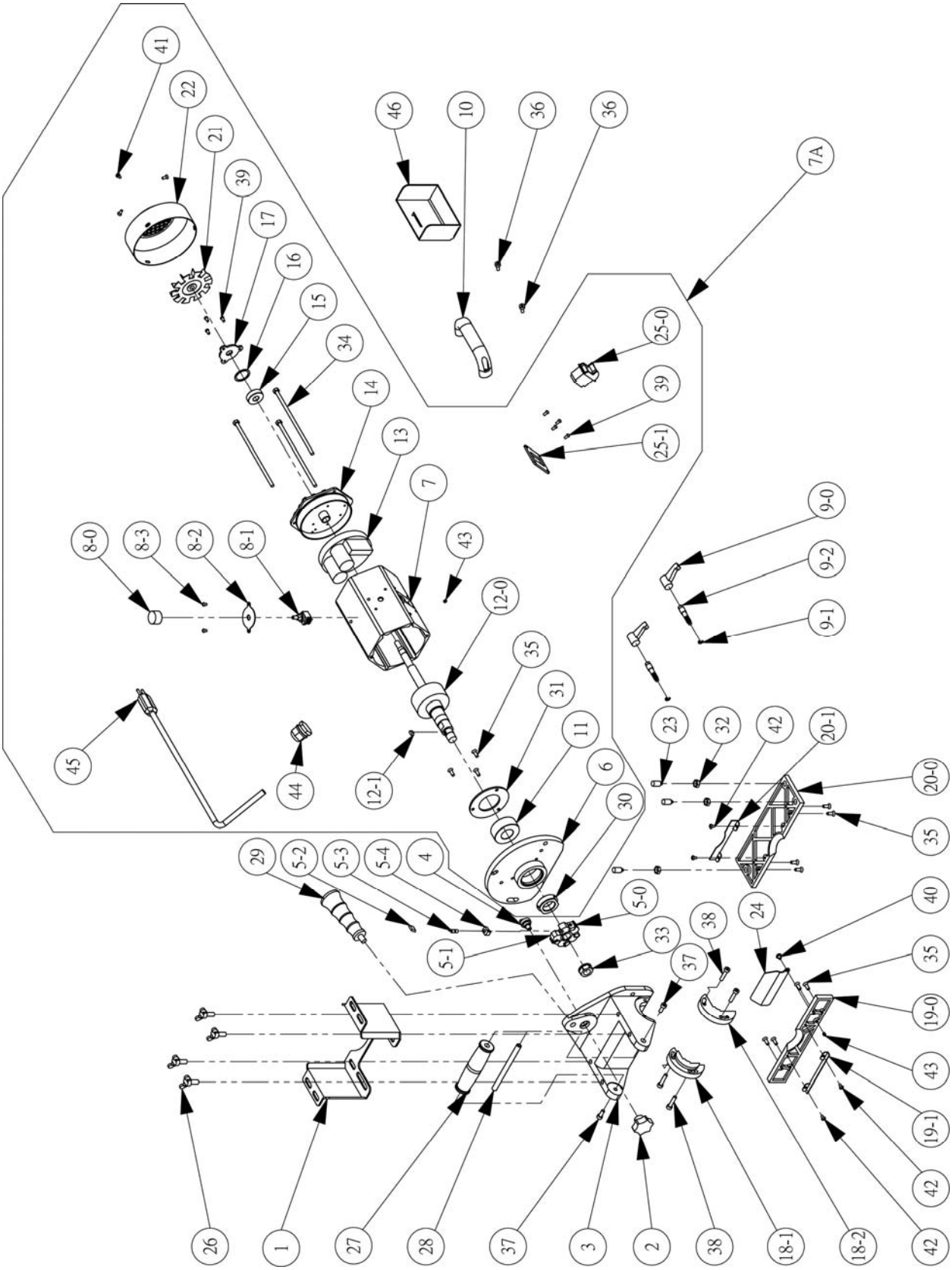
* **WARNING**: Some corrections may require a qualified electrician.

11.0 **Replacement Parts**

Replacement parts are listed on the following pages. To order parts or reach our service department, call 1-800-274-6848 Monday through Friday, 8:00 a.m. to 5:00 p.m. CST. Having the Model Number and Serial Number of your machine available when you call will allow us to serve you quickly and accurately.

Non-proprietary parts, such as fasteners, can be found at local hardware stores, or may be ordered from JET. Some parts are shown for reference only, and may not be available individually.

11.1.1 **JB-10P Portable Plate Beveling Machine – Exploded View**

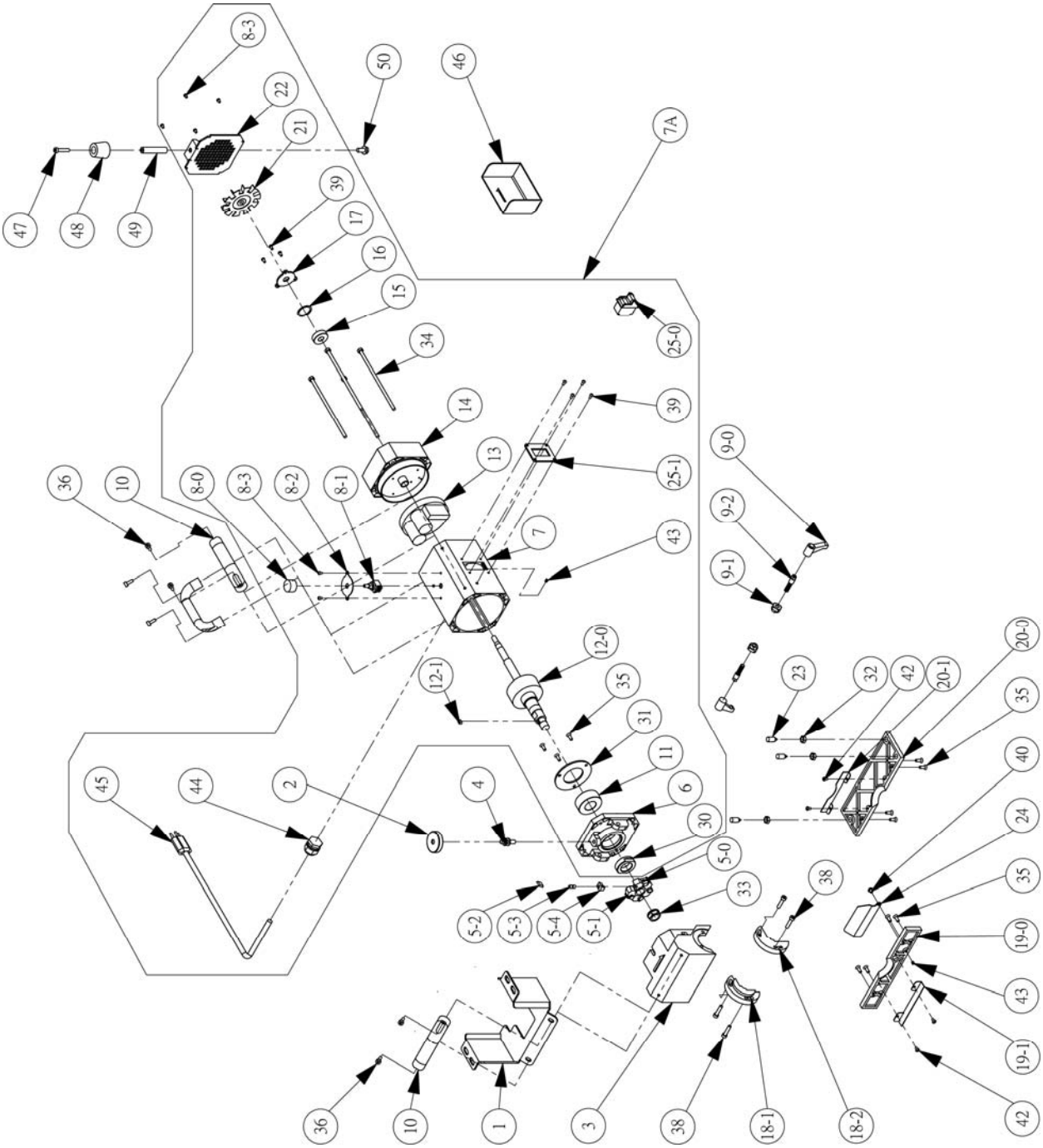


11.1.2 **JB-10P Portable Plate Beveling Machine – Parts List**

Index No	Part No	Description	Size	Qty
1	JB-10P-01	Pedestal		1
2	JB-10P-02	Depth Adjust Nut		1
3	JB-10P-03	Cutter Guard		1
4	JB-10P-04	Eccentric Wheel		1
5	JB-10P-05	Cutterhead Set (with Blade Inserts)		1
5-1	JB-10P-5-1	Cutterhead (no Blade Inserts)		1
5-2	JB-10P-5-2	Blade Inserts, Straight (set of 5)		1
5-3	JB-10P-5-3	Cutterhead Screw		5
5-4	JB-10P-5-4	Blade Press Block		5
6	JB-10P-06	Front Motor Endshield		1
7	JB-10P-07	Motor Housing with Stator Winding		1
7A	JB-10P-07A	Motor Assembly		1
8	JB-10P-08	Speed Adjust Nut		1
8-1	JB-10P-8-1	Variable Resistor		1
8-2	JB-10P-8-2	VR Plate		1
8-3	F009923	Socket Head Button Screw	M4-0.7x6	2
9-0	JB-10P-09	Lock Handle		2
9-1	F006087	E-Retaining Ring, Ext	E5	2
9-2	JB-10P-9-2	Lock Handle Screw	M8	2
10	JB-10P-10	U-Handle		1
11	BB-5205ZZ	Ball Bearing	5205ZZ	1
12-0	JB-10P-12	Motor Shaft		1
12-1	KEY5510	Flat Key, Dbl Rd Hd	5x5x10 mm	1
13	JB-10P-13	Motor Driver		1
14	JB-10P-14	Rear Motor Endshield		1
15	BB-6201ZZ	Ball Bearing	6201ZZ	1
16	JB-10P-16	O-Ring (2532)		1
17	JB-10P-17	Bearing Cover		1
18-1	JB-10P-18-1	Guide Base B		1
18-2	JB-10P-18-2	Guide Base A		1
19	JB-10P-19	Small Guide Plate		1
19-1	JB-10P-19-1	Small Side Plate		1
20	JB-10P-20	Large Guide Plate		1
20-1	JB-10P-20-1	Large Side Plate		1
21	JB-10P-21	Fan		1
22	JB-10P-22	Fan Cowl		1
23	JB-10P-23	Steel Bead Screw	M10	3
24	JB-10P-24	Guard Plate		1
25-0	JB-10P-25	Power Switch		1
25-1	JB-10P-25-1	Switch Plate		1
26	JB-10P-26	Wing Screw	M8x20	4
27	JB-10P-27	Handle		1
28	JB-10P-28	Handle Shaft		1
29	JB-10P-29	Rubber Handle		1
30	JB-10P-30	Bearing ID Nut		1
31	JB-10P-31	Bearing OD Ring		1
32	TS-1540071	Hex Nut	M10-1.5	3
33	TS-154010	Hex Nut	M16-1.5	1
34	JB-10P-34	Hex Cap Screw	M6-1.0x170	3
35	F010988	Flat Head Socket Screw	M5-0.8x14	11
36	F005669	Socket Head Cap Screw	M5-0.8X14	2
37	F005670	Socket Head Cap Screw	M6-1.0x14	2
38	TS-1503061	Socket Head Cap Screw	M6-1.0x25	4
39	F001175	Socket Head Button Screw	M4-0.7x8	7
40	F009919	Socket Head Button Screw	M5-0.8x6	1
41	F001175	Socket Head Button Screw	M4-0.7x8	3
42	F009923	Socket Head Button Screw	M4-0.7x6	4
43	TS-1522011	Socket Set Screw	M5-0.8x5	2
44	JB-10P-44	Cable Gland	MG20A	1
45	JB-10P-45	Cable with Plug	3x14AWG SJT 300V	1

Index No	Part No	Description	Size	Qty
46	JB-10P-46	Push Plate		1
	LM000324	Warning Label, JB-10P (not shown)	50x70mm	2
	LM000325	ID Label, JB-10P (not shown)		1
	JET-92	JET Logo (not shown)	92x38mm	1

11.2.1 **JB-10R Portable Plate Beveling Machine – Exploded View**

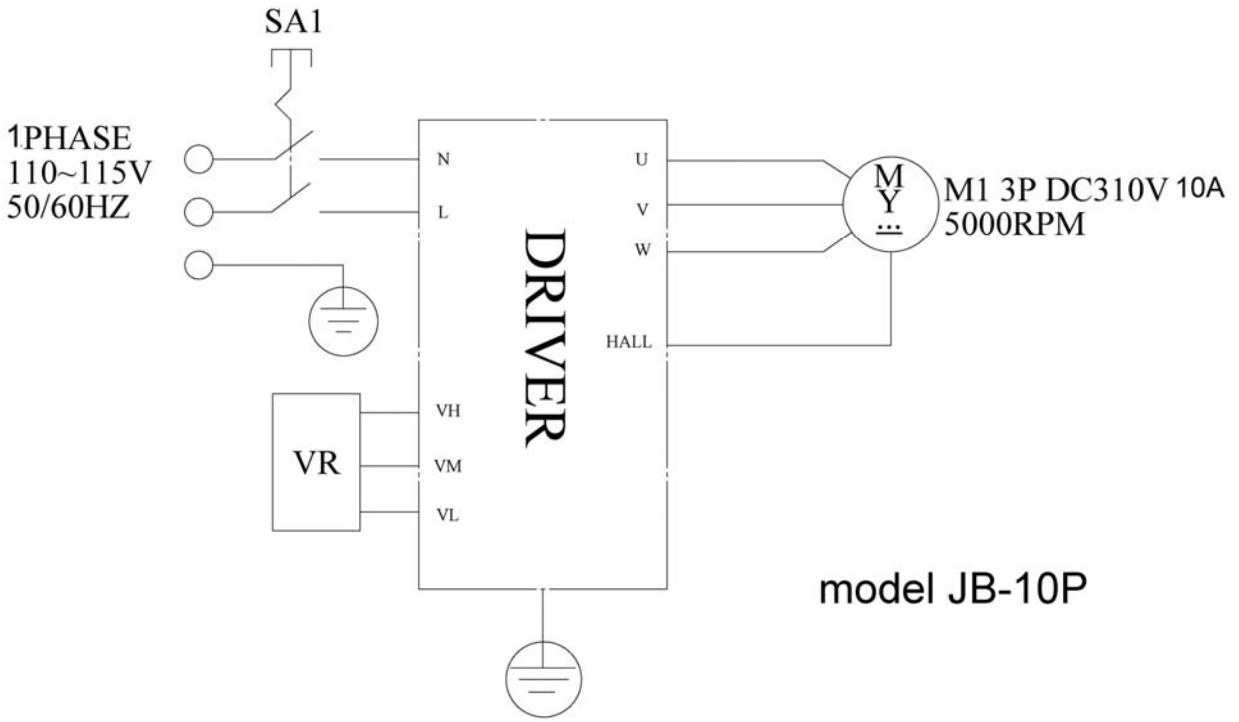


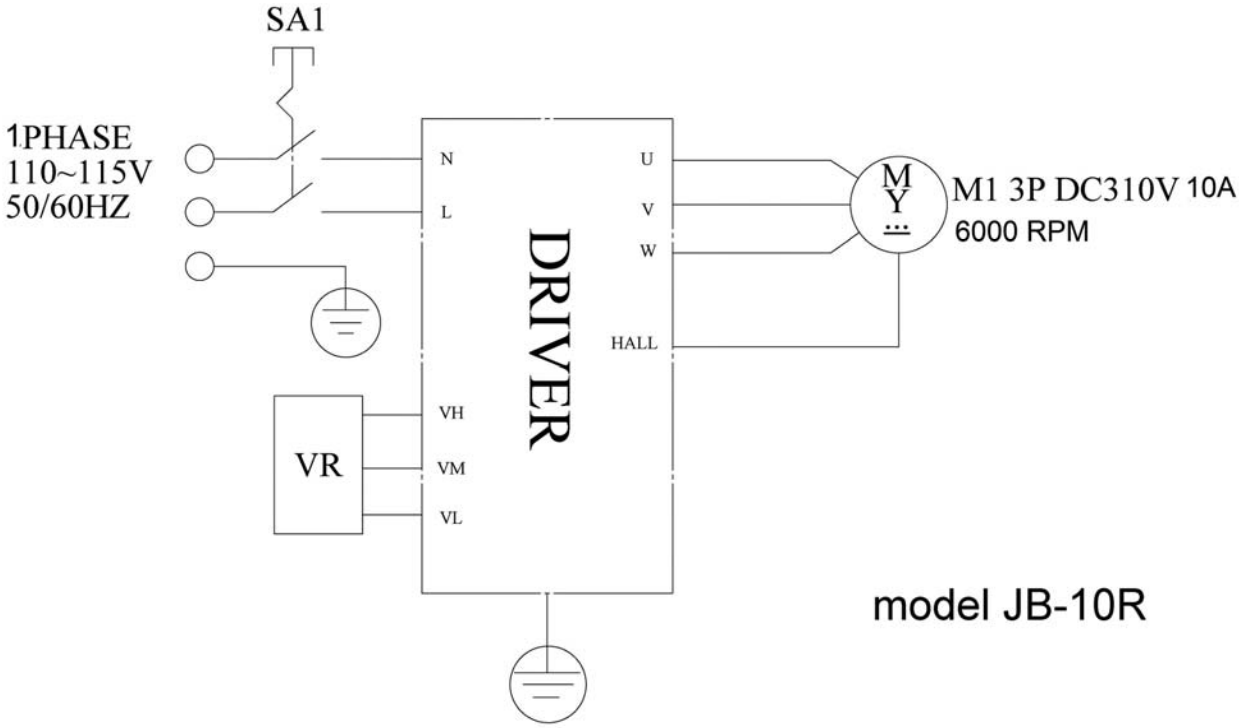
11.2.2 **JB-10R Portable Plate Beveling Machine – Parts List**

Index No	Part No	Description	Size	Qty
1	JB-10R-01	Pedestal		1
2	JB-10R-02	Depth Adjust Nut		1
3	JB-10R-03	Cutter Cover		1
4	JB-10R-04	Depth Adjust Screw	M8	1
5	JB-10P-05	Cutterhead Set (with Blade Inserts)		1
5-1	JB-10P-5-1	Cutterhead (no Blade Inserts)		1
5-2	751015	Blade Inserts, Radiused (set of 5)	R3	1
	751017	Blade Inserts, Radiused (set of 5)	R5	1
5-3	JB-10P-5-3	Cutterhead Screw		5
5-4	JB-10P-5-4	Blade Press Block		5
6	JB-10R-06	Front Motor Endshield		1
7	JB-10R-07	Motor Housing with Stator Winding		1
7A	JB-10R-7A	Motor Assembly		1
8	JB-10P-08	Speed Adjust Nut		1
8-1	JB-10P-8-1	Variable Resistor		1
8-2	JB-10P-8-2	VR Plate		1
8-3	F009923	Socket Head Button Screw	M4-0.7x6	6
9	JB-10P-09	Lock Handle		2
9-1	JB-10R-9-1	Side Washer		2
9-2	JB-10R-9-2	Lock Handle Screw	M8	2
10	JB-10P-10	U-Handle		3
11	BB-5205ZZ	Ball Bearing	5205ZZ	1
12	JB-10P-12	Motor Shaft		1
12-1	KEY5510	Flat Key, Dbl Rd Hd	5x5x10 mm	1
13	JB-10R-13	Motor Driver		1
14	JB-10R-14	Rear Motor Endshield		1
15	BB-6201ZZ	Ball Bearing	6201ZZ	1
16	JB-10P-16	O-Ring	2532	1
17	JB-10P-17	Bearing Cover		1
18-1	JB-10P-18-1	Guide Base B		1
18-2	JB-10P-18-2	Guide Base A		1
19	JB-10P-19	Small Guide Plate		1
19-1	JB-10R-19-1	Small Side Plate		1
20	JB-10P-20	Large Guide Plate		1
20-1	JB-10R-20-1	Large Side Plate		1
21	JB-10P-21	Fan		1
22	JB-10R-22	Fan Cowl		1
23	JB-10P-23	Steel Bead Screw	M10	3
24	JB-10P-24	Guard Plate		1
25	JB-10P-25	Power Switch		1
25-1	JB-10P-25-1	Switch Plate		1
30	JB-10P-30	Bearing ID Nut		1
31	JB-10P-31	Bearing OD Ring		1
32	TS-1540071	Hex Nut	M10-1.5	3
33	TS-154010	Hex Nut	M16-1.5	1
34	JB-10P-34	Hex Cap Screw	M6-1.0x170	4
35	F010988	Flat Head Socket Screw	M5-0.8x14	11
36	F005669	Socket Head Cap Screw	M5-0.8x14	6
38	TS-1503061	Socket Head Cap Screw	M6-1.0x25	4
39	F001175	Socket Head Button Screw	M4-0.7x8	7
40	F009919	Socket Head Button Screw	M5-0.8x6	1
42	F009923	Socket Head Button Screw	M4-0.7x6	4
43	TS-1522011	Socket Set Screw	M5-0.8x5	2
44	JB-10P-44	Cable Gland	MG20A	1
45	JB-10P-45	Cable with Plug	3x14AWG SJT 300V	1
46	JB-10P-46	Push Plate		1
47	TS-1503071	Socket Head Cap Screw	M6-1.0x30	1
48	JB-10R-48	Rubber Pad		1
49	TS-1522011	Prop Stand		1

Index No	Part No	Description	Size	Qty
50	TS-1490021	Hex Cap Screw	M8-1.25x16	1
	LM000329	Warning Label, JB-10R (not shown)	60x35mm	2
	LM000326	ID Label, JB-10R (not shown)		1
	JET-92	JET Logo (not shown)	92x38mm	1

12.0 **Electrical connections**





13.0 **Warranty and Service**

JET® warrants every product it sells against manufacturers' defects. If one of our tools needs service or repair, please contact Technical Service by calling 1-800-274-6846, 8AM to 5PM CST, Monday through Friday.

Warranty Period
The general warranty lasts for the time period specified in the literature included with your product or on the official JET branded website.

- JET products carry a limited warranty which varies in duration based upon the product. (See chart below)
- Accessories carry a limited warranty of one year from the date of receipt.
- Consumable items are defined as expendable parts or accessories expected to become inoperable within a reasonable amount of use and are covered by a 90 day limited warranty against manufacturer's defects.

Who is Covered
This warranty covers only the initial purchaser of the product from the date of delivery.

What is Covered
This warranty covers any defects in workmanship or materials subject to the limitations stated below. This warranty does not cover failures due directly or indirectly to misuse, abuse, negligence or accidents, normal wear-and-tear, improper repair, alterations or lack of maintenance.

Warranty Limitations
Woodworking products with a Five Year Warranty that are used for commercial or industrial purposes default to a Two Year Warranty. Please contact Technical Service at 1-800-274-6846 for further clarification.

How to Get Technical Support
Please contact Technical Service by calling 1-800-274-6846. **Please note that you will be asked to provide proof of initial purchase when calling.** If a product requires further inspection, the Technical Service representative will explain and assist with any additional action needed. JET has Authorized Service Centers located throughout the United States. For the name of an Authorized Service Center in your area call 1-800-274-6846 or use the Service Center Locator on the JET website.

More Information
JET is constantly adding new products. For complete, up-to-date product information, check with your local distributor or visit the JET website.

How State Law Applies
This warranty gives you specific legal rights, subject to applicable state law.

Limitations on This Warranty
JET LIMITS ALL IMPLIED WARRANTIES TO THE PERIOD OF THE LIMITED WARRANTY FOR EACH PRODUCT. EXCEPT AS STATED HEREIN, ANY IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE EXCLUDED. SOME STATES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE LIMITATION MAY NOT APPLY TO YOU.

JET SHALL IN NO EVENT BE LIABLE FOR DEATH, INJURIES TO PERSONS OR PROPERTY, OR FOR INCIDENTAL, CONTINGENT, SPECIAL, OR CONSEQUENTIAL DAMAGES ARISING FROM THE USE OF OUR PRODUCTS. SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATION OR EXCLUSION MAY NOT APPLY TO YOU.

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Product Listing with Warranty Period

90 Days – Parts; Consumable items; Light-Duty Air Tools
1 Year – Motors; Machine Accessories; Heavy-Duty Air Tools; Pro-Duty Air Tools
2 Year – Metalworking Machinery; Electric Hoists, Electric Hoist Accessories
5 Year – Woodworking Machinery
Limited Lifetime – JET Parallel clamps; VOLT Series Electric Hoists; Manual Hoists; Manual Hoist Accessories; Shop Tools; Warehouse & Dock products; Hand Tools

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