

SNB-B24 24" BAND SAW



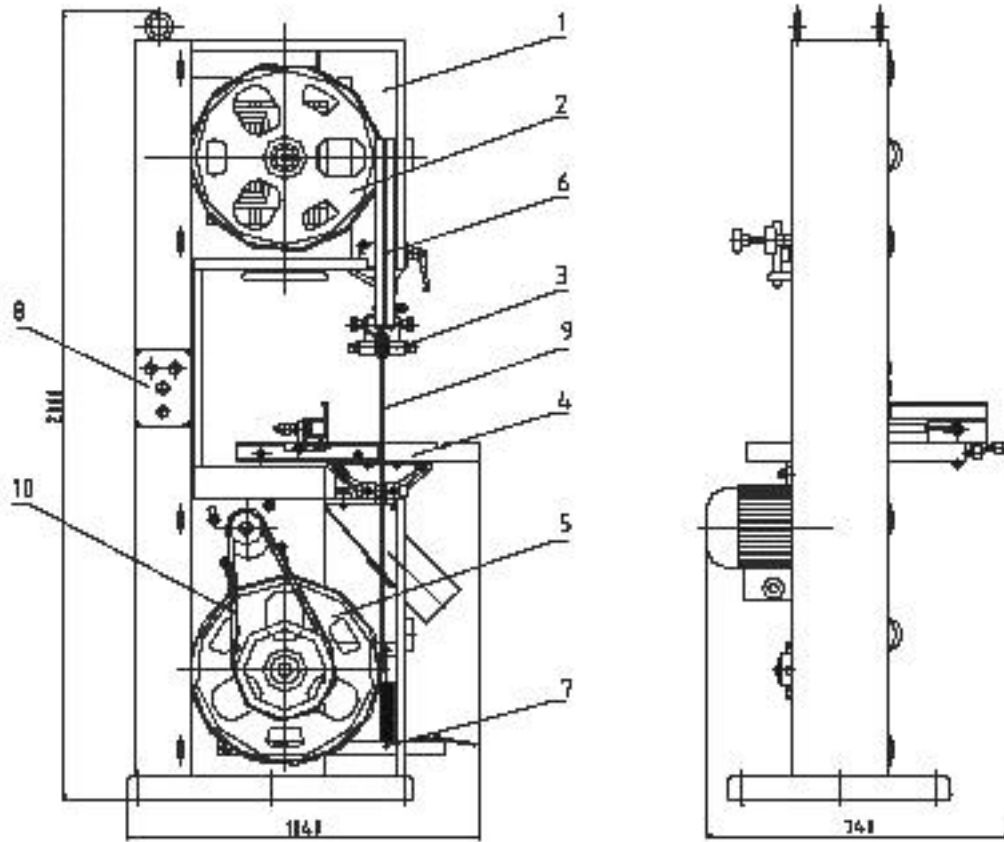
MANUAL

CONTENTS

1. CONFIGURATION.....	3
2. USE AND APPLICATION.....	4
3. SPECIFICATIONS.....	4
4. OPERATION.....	4
5. SAFETY.....	5
6. TRANSMISSION.....	7
7. TRANSPORTATION & INSTALLATION.....	7
8. MAINTENANCE.....	7
9. TROUBLESHOOTING.....	7
10. APPENDIX & BEAR LIST.....	8
11. ELECTRICAL CONFIGURATION.....	9

CAUTION: Read these instructions carefully before turning on the machine.

1. CONFIGURATION



1. Machine Body
2. Top Saw Wheel
3. Saw Blade Guide
4. Working Table
5. Bottom Saw Wheel
6. Safety Cover
7. Brake System
8. Electrical
9. Saw Blade
10. V-Blade

2. USE AND APPLICATION

The SNB-B24 is suitable for wood, plastic applications. Some features include sawing, re-sawing, cross cutting & angle cutting.

Main Characteristics:

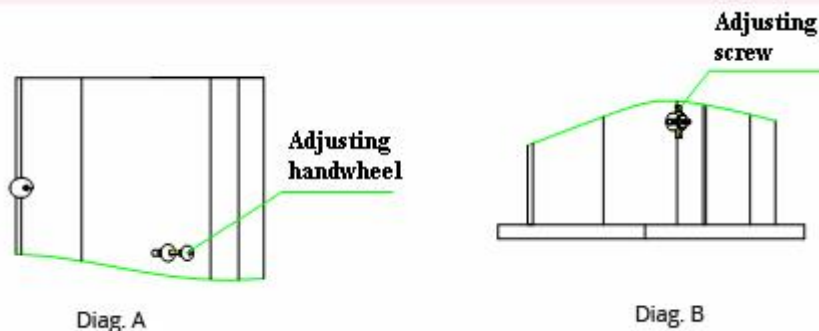
- i) Narrow saw blade which provides for a smooth cutting surface therefore saving material.
- ii) Special steel wheel to ensure a smooth and steady cut.
- iii) Strong welded machine base.
- iv) Light top and bottom pulley with a special guide system.

3. SPECIFICATIONS

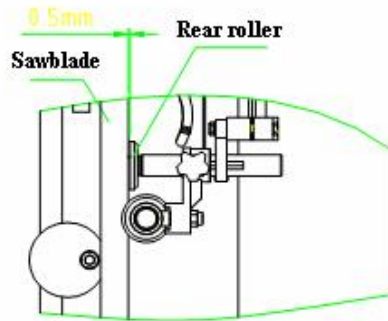
- (a) Motor Power-----3kw
- (b) Power Source-----3Phase / 220v / 60Hz
- (c) Saw Wheel Speed-----800 r/min
- (d) Saw Wheel Diameter-----24" inches (600mm)
- (e) Table Tilt Angle-----0-20°

4. OPERATION

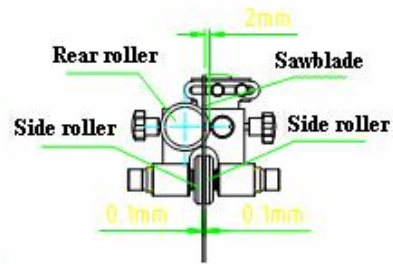
- Before operating the SNB-B24, please ensure that all run partment are well prepared.
- First, pull the blade over the top pulley, turn the knob slightly to stretch blade. Check that the teeth of the blade are facing the cutting direction and that the blade passes between each guide. Saw blade surface will appear about 3/16" (5mm) of the side of the top pulley and bottom pulley's same side will be in the same plane. Turn pulley round by hand to check the position. If not aligned, adjust the screw on the rear of the machine support (diag. A), or adjust the bottom wheel screw (diag. B).



3. Adjusting Saw Guides: Turn pulleys round by hand until saw blade passes through the two guides, then adjust the height of the guide. Make the roller higher than the work piece. The distance between the rear roller and the back of the blade must be about 0.5-1mm (Diag. C). The distance between the back of the blade and the rollers must be about 2mm (Diag., D).



Diag. C



Diag. D

4. Adjusting the Fence: The surface of the fence must be parallel to the saw blade side-surface.
5. Different Blade Size; Every time a different blade size is installed, the top and bottom blade guides must be readjusted. To ensure that the teeth of the blades are correct, the blade must be slackened. This prevents the lateral deformation of the cork. Always ensure the blade teeth are sharpened and set. Worm blades can easily overheat and are subject to excessive traction.
6. Testing; Connect the power and push start button to test. Check the direction of the saw wheel, clockwise is the correct direction, if not, re-adjust. Run the machine for about 10 mins before use.

5. SAFETY

1. KEEP GUARDS IN PLACE and in working order
2. REMOVE ADJUSTING KEYS AND WRENCHES. Form a habit of checking to see that keys and adjusting wrenches are removed from the machine before turning on.
3. KEEP WORK AREA CLEAN. Cluttered work areas invite accidents.

4. DO NOT USE IN HAZARDOUS OR DANGEROUS ENVIRONMENTS. Do not operate machine in damp, wet locations or where any flammable or noxious fumes may exist. Keep work area well lit.
5. KEEP CHILDREN, VISITORS and PETS AWAY. All children, visitors and pets should be kept away and at a safe distance from work area. Make workshop child or pet proof with padlocks, master switches and by removing starter keys.
6. DO NOT FORCE MACHINE. Machine will work safer at the rate in which it is designed when not forced to operate.
7. USE THE RIGHT EQUIPMENT. Do not force machine or attachment to do a job for which it is not designed.
8. WEAR PROPER SAFETY APPAREL. Do not wear loose clothing, gloves, neckties, rings, bracelets or other jewelry which may get caught in moving parts. Non-slip footwear is recommended. Wear protective hair covering.
9. ALWAYS USE SAFETY GLASSES. Also use a face or dust mask if work area is dusty. Everyday eyeglasses only have impact resist lenses and they are NOT safety glasses.
10. SECURE WORK. Use clamps or a vise to hold work when working. It is safer than using your hands and frees both hands to operate the machine.
11. DO NOT OVERREACH. Keep proper footing and balance at all times.
12. MAINTAIN MACHINE WITH CARE. Keep parts sharp and clean for safer performance. Follow instructions for lubricating and changing accessories.
13. USE RECOMMENDED ACCESSORIES/PARTS. Use of improper accessories may cause risk of injury.
14. RISK OF UNINTENTIONAL START. Always disconnect from power source before adjusting or performing any maintenance. Make sure the switch is in the OFF position before reconnecting.
15. KICKBACK. Many woodworking machines can “kickback” the work piece towards the operator. Know what conditions can create “kickback” and learn how to avoid them.
16. DAMAGED PARTS. Before further use of a part, guard or other part that is damaged, check carefully to determine if it is able to operate properly and perform its intended function. Check for alignment of moving parts, binding of moving parts, broken parts, mounting or any other conditions that may affect its operation. A part that is damaged should be replaced.
17. NEVER LEAVE THE MACHINE RUNNING OR UNATTENDED. TURN POWER OFF. Do not leave the machine until it comes to a complete stop.
18. NEVER OPERATE THE MACHINE WHEN TIRED, OR UNDER THE INFLUENCE OF DRUGS OR ALCOHOL. Full mental alertness is required at all times when running a machine.

19. NEVER ALLOW UNSUPERVISED OR UNTRAINED PERSONNEL TO OPERATE THE MACHINE. Make sure any instructions given in regards to the operation of the machine is safe and clearly understood.

6. SAFETY

The saw blade runs by the pulleys turning. The motor is fitted on the rear of the machine and power is transmitted with the aid of the V-Belt.

7. TRANSPORTATION & INSTALLATION

1. Machine is delivered completely assembled. Choose a suitable location and check that it is accessible from all sides.
2. The machine should be installed in a closed space. Working conditions of a workshop are considered enough.
3. Floor surface should be even and stable, and if necessary, machine can be bolted to the floor.

8. MAINTENANCE

1. If machine is unusable, it must be repaired by a skilled technician.
2. Moving parts must be lubricated often. Good lubrication ensures a longer life of the machine.

9. TROUBLESHOOTING

PROBLEM	CAUSE	TROUBLESHOOTING
Saw blade not Running Smooth and Steady	Pulley Surface covered by dust	Clean surface of pulley
	Saw Blade tension is too low	Adjust saw blade
	Saw blade is worn	Replace blade with a new one
	Saw teeth setting is worn	Reset or change the saw blade
	Blade not sharp	Sharpen blade

	Feeding speed is too fast	Adjust to suitable feed speed.
Sawing not straight		1) Adjust Fence 2) Check the teeth

10. APPENDIX & BEAR LIST

Appendix

No.	Model	Standard	Quantity	Position
1	Saw Blade	25x0.9x4400	1	Main Machine
2	V-Belt	B-1250	2	Main Machine
3	Instruction Manual		1	

Bear List

No.	Model	Standard	Quantity	Position
1	GB/T276-93 bear 6207-2RS		2	Top Pulley
2	GB/T276-93 bear 6207-2RS		2	Bottom Pulley

11. ELECTRICAL

