

10" BANDSAW OWNER'S MANUAL

- Assembly
- Operating
- Repair parts

FOR YOUR SAFETY: READ ALL INSTRUCTIONS CAREFULLY

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1.0 General

1.1 Specifications

Dimensions (bwxh)	800x250x420 mm
Weight with motor	25 kg
Table height from floor	368 mm
Throat width	245 mm
Max. cutting height	85 mm
Sawblade width	6-13 mm
Sawblade length	1710 mm
Sawtable size	292x292 mm
Sawtable tilt	to 45°
Sawblade speeds	780 m/min (50HZ) 950m/min (60HZ)
Motor capacity	350 W
Noise	<80dB (A)

1.2 User Responsibility/Warranty

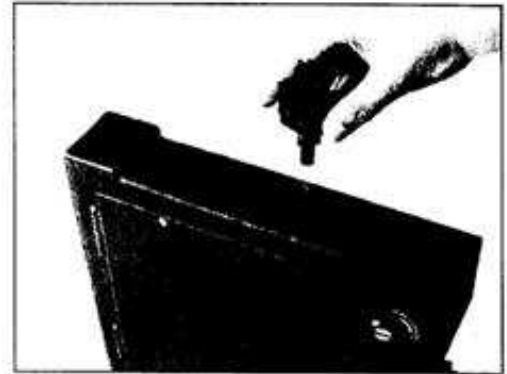
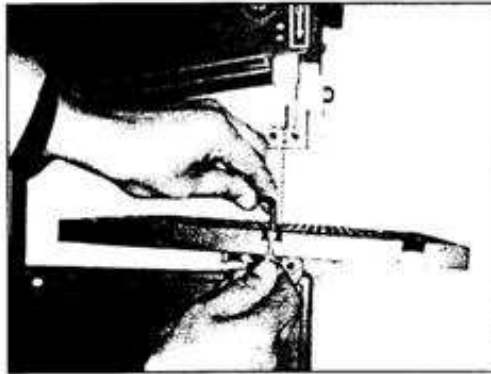
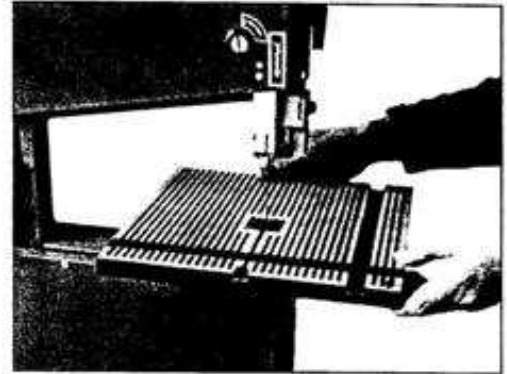
This appliance will perform in conformity with the description contained in the instructions provided. This machine must be checked periodically. Defective equipment (including power cables) should not be used. Parts that are broken, missing, obviously worn, distorted or contaminated, should be replaced immediately. Should such repair or replacement become necessary, it is recommended that only genuine replacement parts are used and that such repairs are carried out by qualified persons. This appliance or any of its parts should not be altered or changed from standard specifications. The user of this machine shall have the sole responsibility for any malfunction which results from improper use or unauthorized modification from standard specifications, faulty maintenance, damage or improper repair by anyone other than qualified person.

1.3 Final Assembly and Installation

Unpack machine and check for any visible damage which may have occurred during transport. If a damage is detected notify your dealer immediately.

This machine is shipped partly disassembled saw table and star knob have to be installed prior to use.

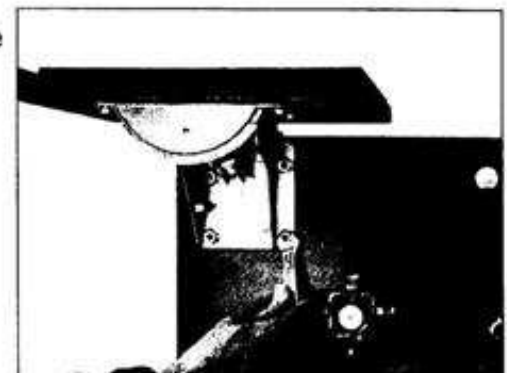
- Remove the wing nut and Hex. socket head cap screw the table.
- Place the table onto the upper table trunnion.
- Install to trunnion with 4 each serrated lock washer and hexagon head screw M6x12.
- Attach the wing nut and Hex. socket head cap screw to table with the wrench Hex.
- Place table insert into the table center hole.
- Place the star knob onto Tension Rod.



After installation adjust the table so that the sawblade runs through the center of the table insert's slot.

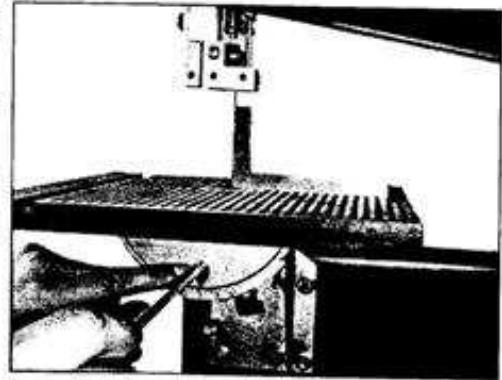
Centering the table

- Loosen the screws holding the lower table trunnion.
- Move table sideways as required, until sawblade runs through the center of table insert.

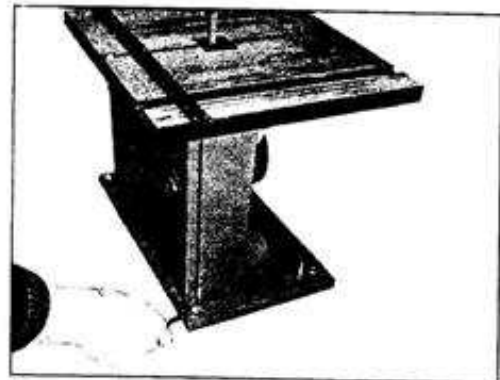


Setting the Table Square with the Sawblade

- The saw table can be tilted up to 45°. To tilt, loosen the wing nut of the table trunnion.
- Loosen the wing nut on the turnion and adjust the table at 90° with the blade.
- Check the table with a square to make sure the table is 90° with the blade. If an adjustment is necessary, loosen the screw and adjust the pointer to 0°



To ensure sufficient upright stability of the machine it should be bolted to floor, bench or table, or mounted on the Workstand, available as optional accessory. For this purpose 4- Φ 6.5 mm holes are provided in the machine's base plate.



Dust Collection

If this band saw is operated indoors it is recommended to have it connected to a dust collector. The suction connector, supplied with the machine, has to be fitted to the dust ejection port of the saw for this purpose. The diameter of the suction connector is 60 mm.

Caution! Wood dust and chips, together with an ignition source and the oxygen in the ambient air, can cause fires and explosions, injuries and allergies.

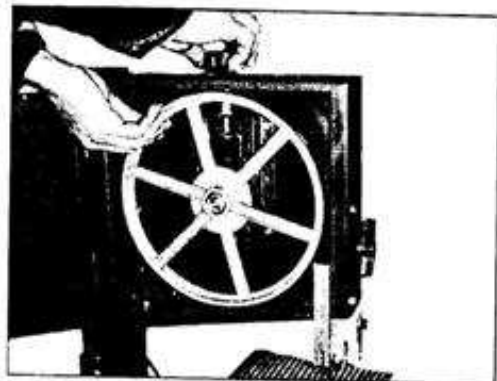
- Workmen working in operations processing oak or beech timber were found to develop more often cancer of the mucous membrane of the nose (adenocarcinoma of the inner nose) than other workers.
- Experience shows that skin contact with oak or beech dust does not cause cancer

2.0 Band Saw Settings

2.1 Changing and Setting the Saw Blade

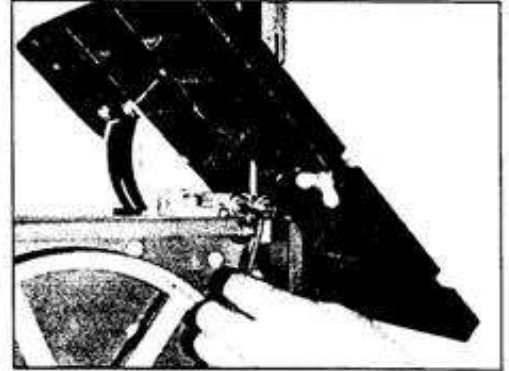
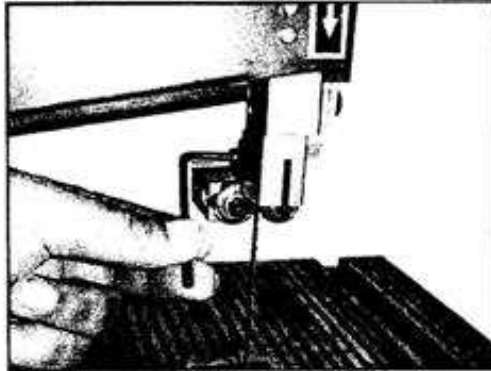
This band saw is factory-equipped with a general purpose wood cutting blade, the blade set. To change the blade, remove the wing nut and screw from the table. Then slacken the blade tension by turning the hand wheel on top of the upper wheel housing.

Fit new blade and tension lightly. The blade should run in the center of the rubber lined band saw wheels or else it may jump off. To check tracking, turn upper wheel by hand. If required, adjust tracking with the knurled handle at the rear of the upper wheel housing.



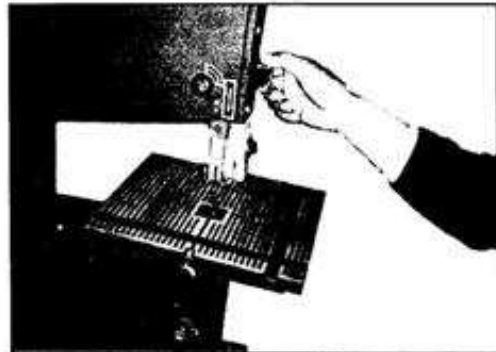
2.2 Blade Guiding

The saw blades guide of this band saw ensure an exact guiding of the blade for clean cuts. When using narrow blades ensure that the lower blade guide positively supports the blade from both sides and the rear. Set the bearings of the upper blade guide to within approx. 0.2 mm of the blade, and the bearing against the back of the blade, just clear of it. Do not set the bearing too close, as the friction generates heat, which may have an adverse effect on the bearings and the saw blade as well.



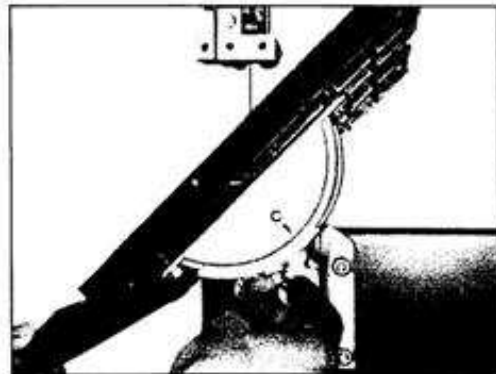
2.3 Setting the Cutting Height

The upper blade guide should always be set as close as practical against the work. To adjust, loosen the wing nut at the side of the upper wheel housing, and set the blade guide to the required height. Tighten wing nut after setting.



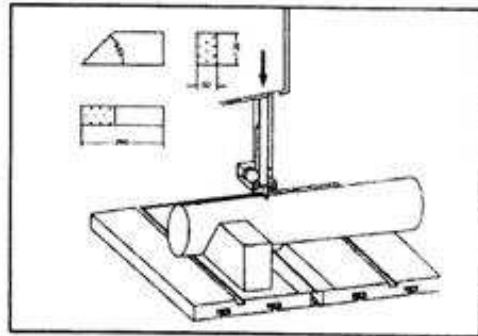
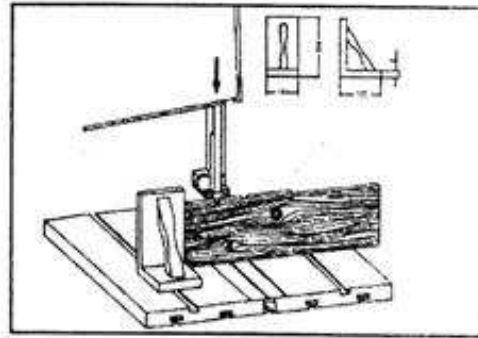
2.4 Saw Table Tilt

For bevel cuts the saw table tilts steplessly through 45°. To tilt, loosen the wing nut on the table trunnions, set table to the required angle and tighten the wing nut again. It is recommended to verify the correct angle setting by making trial cuts in scrap wood.



2.5 Safety Information

1. Check that all guards are in place and securely locked before switching the machine on.
2. Always disconnect from power when servicing this machine.
3. Do not use bent or cracked band saw blades.
4. Replace table insert if slot has enlarged.
5. When cutting round stock use a suitable jig or fixture to keep the work from turning.
6. When cutting boards in an upright position use a suitable push block to prevent kickback.
7. To keep health risk to a minimum it is recommended to always connect this band saw to a dust collector.



The most common hazards associated with the operation of band saws are the following:

- a hazard by the running saw blade, e.g. contact with the teeth of the blade.
- Flinging of cutoffs or knots.
- Work-piece kickback

The principal hazard areas of a band saw are:

- the work area
- the area around a running machine
- the kickback area

despite the use of the specific safety devices and compliance with all relevant regulations for the prevention of accidents, when operating a band saw the following residual risks remain:

- hearing damage by excessive noise
- danger of accidents in the unprotected cutting area of the running saw blade
- danger of injury when changing blades (danger of cuts by the sharp teeth)
- endangering by flung about workpieces or parts
- squashing of fingers
- danger of injury by kickback of workpieces
- health risk caused by the dust emission, especially from oak and beech saw dust.

2.6 Electrical Installation

This band saw is equipped with a 0.35 Kw 230V single-phase motor. Connect to a proper grounding type receptacle.

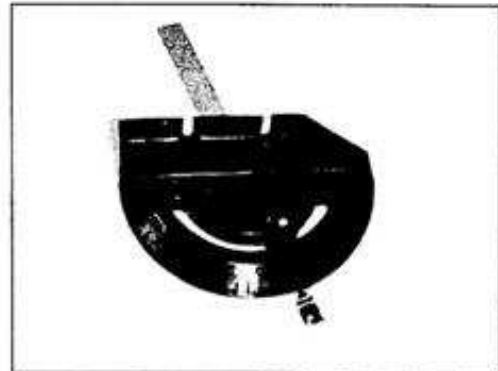
A damaged power cable should be replaced at once by a qualified electrician. Risk of electric shock if operated with a damaged power cable.

Children should not operate this band saw.

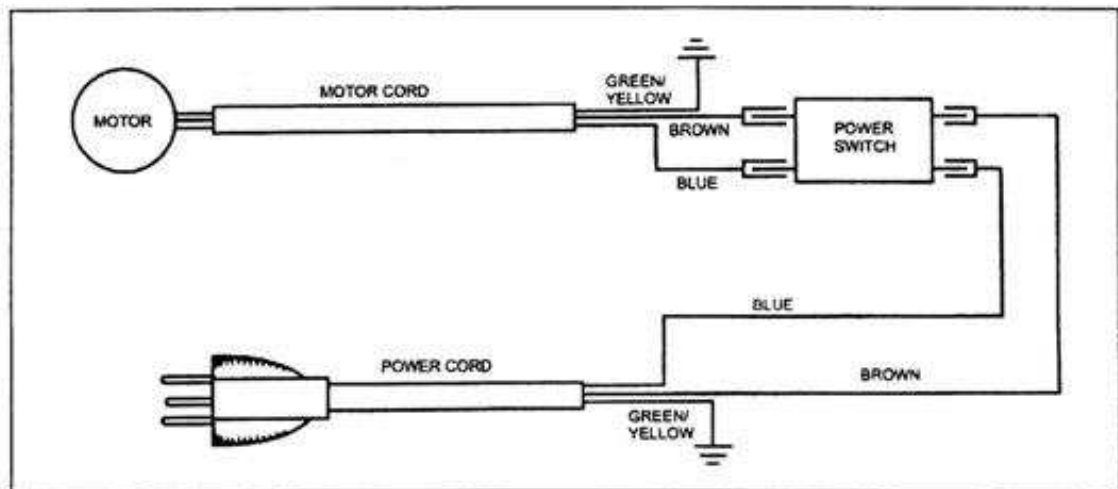
3.0 Accessories

3.1 Mitre Fence

Provides a Mitre Fence for angle cutting.



4.0 Wiring Diagrams



5.0 Spare parts list

Key No.	Part No.	Description	Dimension	Q'ty
1	25001000	Band saw frame		1
2	25001011	Door upper		1
3	25001012	Door lower		1
4	25003004	Upper wheel		1
5	GB278-89	Bearing ball	80100	4
6	31503007	Wing nut		1
7	GB845-85	Pan head tapping screw	ST4.8X22	1
8	25003011	Star lock cap		2
9	25003005	Bearing bolt upper		1
10	25003003	Wheel carrier bracket		1
11	GB93-87	Spring washer	8	3
12	GB6170-86	Hex. nut	M8	1
13	25004005	U-mount		1
14	GB818-85	Pan head screw	M4X8	4
15	25003023	Shaft mount		1
16	GB14-88	Carriage bolt	M8X50	1
17	25003026	Blade tensioner		1
18	25003006-3	Tension Rod		1
19	GB889-86	Preruling torque type hex nut	M4	2
20	31503031	Slotted insert		3
21	31503022	Spring washer		3
22	31503032	Housing		3
23	31503020	Washer		3
24	31503033	Hex. nut		3
25	31503030	Tongue		3
26	GB862.2-87	Lockwasher extend	6	9
27	GB5783-86	Hex. screw	M6X10	3
28	315003035	Leaf spring		2
29	25005002	Lamello plug black		1
30	25003006	Star knob		1
31	GB5783-86	Hex. screw	M6X12	10
32	GB96-85	Washer	6	3
33	GB5783-86	Hex. screw	M6X60	1
34	25002016	Wing nut		3
35	GB6170-86	Hex. nut	M6	2
36	31502012	Knurled thamb screw		1
37	25004006	Blade guard		1
38	25002011-01	Roller guide carrier extrusion		1
39	31503010	Guide angle		1
40	GB14-88	Carriage bolt	M8X20	3
41	25002017	Washer		1
42	25003014-01	Mount blade guide		1
43	GB97.1-85	Washer	8	2
44	GB889-86	Preruling torque type hex nut	M8	2
45	25003012-01	Guide support upper large		1

Key No.	Part No.	Description	Dimension	Q'ty
46	GB80-85	Hex socket set screw	M6X10	7
47	25003015	Upper guide shaft		1
48	25003039	Hexagon screw		6
49	GB278-89	Bearing ball	80026	6
50	GB96-85	Washer	5	6
51	25003017	Adjusting shaft		4
52	25003018	Mount shaft		2
53	25003002	Tension angle		1
54	31503021	Bolt guide		1
55	25003016	Lower guide shaft		1
56	GB862.2-87	Lockwasher extend	5	3
57	GB6177-86	Hex. nut with flange	M8	1
58	GB14-88	Carriage bolt	M6X16	4
59	GB6177-86	Hex. nut with flange	M6	8
60	GB96-85	Washer	8	2
61	GB70-85	Hex. socket head cap screw	M8X30	2
62	25004010	J-belt		1
63	25004009	Bearing bolt lower		1
64	25005003	Motor		1
65	25004007	Motor pulley		1
66	25002002	Table trunnion lower		1
67	25004008-1	Wheel pulley		1
68	25004003	Lower guide mount		1
69	25004004	Pin guide seat		1
70	25004002-01	Lower guide body		1
71	25002001	Table		1
72	25002008	Table insert		1
73	GB70-85	Hex. socket head cap screw	M6x20	1
74	GB14-88	Carriage bolt	M6X30	1
75	25002010	Glide piece		1
76	25002003	Table trunnion upper		1
77	1506003	Pointer		1
78	GB845-85	Pan head tapping screw	ST3.5X9.5	1
79	25004008	Lower wheel		1
80	GB818-85	Pan head cross screw	M5X10	3
81	GB894.1-86	Ring-retaining	10	2
82	25004014	Spacer bushing		1
83	31504015	Brush strip		1
84	GB14-88	Carriage bolt	M8X70	1
85	GB6171-86	Hex. nut	M14X1.5	1
86	25005001	Blade		1
87	GB823-88	Pan head cross screw	M4X12	3
88	E1002010	Lock switch		1
89	25005009	Cover-switch plate		1

