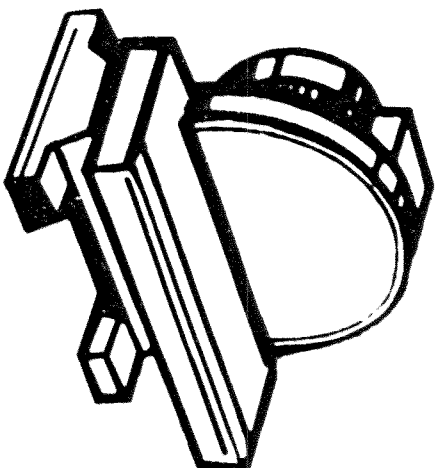


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Instruction Manual

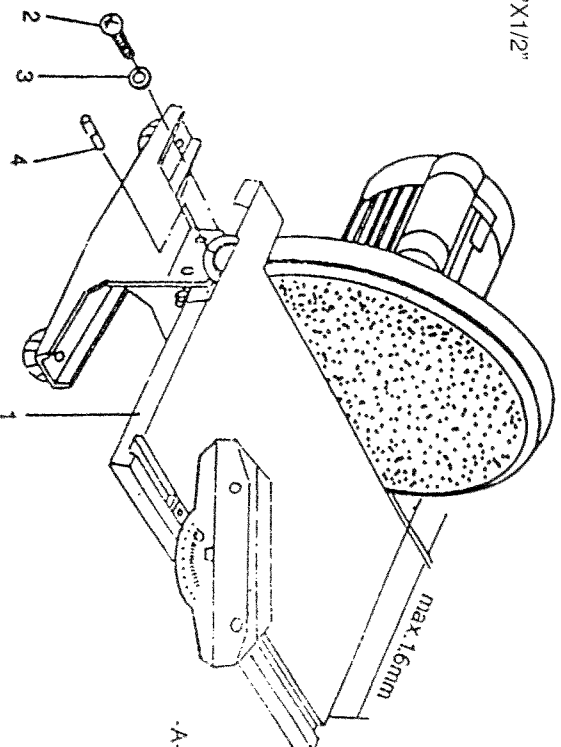
12" Disc Sander

This product is made to the highest possible standards. Designed to facilitate the precision sanding of radial, curves, bevels and chamfers on wood, plastics, metals and ceramics. It is fully guaranteed and suitable for both industrial and D.I.Y use. Used correctly, it will give many years of troublefree service in either factory, workshop or home wherever a combination of high performance are required.

INSTRUCTIONS

1. After unpacking the unit fit the work-table to its mountings by means of the two 1/4" bolts and washers/spacers provided locating it with the two 1/4" studs which allow the table to swivel. Make sure it at there is a clearance of 1.6mm between the table and the face of the sanding disc, in accordance with diagram A.
2. The table may be set at any angle of depression from 0-45. To lower the table, unlock the 6 bolts securely to lock the table in position. Next, fit the mitre gauge, if required, by sliding it into the groove provided on the work-table. To vary angle, unlock the 1/4" nut and set according to the scale.
3. If desired, the rubber suction pad supports on the base can be removed and the unit be secured permanently to the bench by means of four wood screws and washers.
4. Never leave it running unattended. Always switch it off between operations or when inserting the workpiece. Before attempting to adjust the work-table or change the grinding face, always ensure that the electricity supply is disconnected.
5. After switching off the motor allow the grinder to free wheel to a stop. Never attempt to stop it by braking rotation with pressure applied to the disc.
6. Your universal grinder is designed so that cuts extracted away from the work surface, and therefore requires only occasional cleaning. For this a paint brush or vacuum is recommended. Otherwise, the unit is completely maintenance free and requires no further attention or inspection.

1. TABLE
2. SCREW 1/4"X5/8"
3. WASHER
4. SCREW 1/4"X1/2"



ADDITIONAL SAFETY RULES FOR THE DISC SANDER

1. Never stand or have an observer stand in line with the abrasive disc.
2. Work area should have adequate light and surrounding work space should be clear.
3. The disc sander is intended for indoor use only.
4. Always wear eye protection and during extended operation use ear protection.
5. Always avoid awkward hand positions, where a sudden slip could cause a hand to move into the abrasive disc.
6. Use the proper size and type of sanding disc for each operation.
7. Turn the machine OFF before removing scrap pieces from the table. Never turn the sander ON before clearing the tables or work surfaces of all objects (tools, wood scraps, etc.) except for the work piece and related feed or support devices for the operation planned.
8. Be certain the abrasive disc runs in the right direction before beginning work.
9. Hold work firmly so that it will not be pulled from your hands when finishing against the disc.
10. Feed material gradually. Do not force the machine to remove material faster than it was designed to sand.
11. Do not attempt to sand pieces too small to hold safely by hand.
12. When sanding a large workpiece, make sure it is properly supported at table height.
13. Never leave the machine work area with the power on, or before the machine has come to a complete stop.
14. If any part of the disc sander should break or be damaged, or any electrical component fail to perform properly, or if any part is missing, immediately shut off power switch, remove cord from power supply and replace damaged or missing part before resuming operation.
15. ALWAYS SUPPORT WORKPIECE WITH "BACKSTOP" OR WORKTABLE
16. MAINTAIN 1/16" MAXIMUM CLEARANCE BETWEEN TABLE AND SANDING DISC.
17. Use only the motor supplied with your sander.
18. FIRE CAUTION: This machine is not designed for heavy deburring operations. However, when finishing ferrous metals, spark will be generated and could cause a fire. To prevent this possibility remove dust collecting apparatus. Remove all traces of wood dust that may have accumulated in and around the machine. Also, the mixing of ferrous and nonferrous metal dust can create a hazardous environment.
19. Use sander in a well ventilated area.

GROUNDING

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.

OPERATION

Be sure your power supply agrees with the name plate marking of Voltage and Frequency. A voltage decrease or more than 10% will cause a loss of power and overheating. All tools are factory tested. If this tool does not operate, check the power supply.

PARTS LIST FOR 12" DISC SANDER

Item No.	Description	Specification	Qty
1	SANDING CLOTHES	Ø12 60#	1
2	BASE		1
3	BEARING	180204Z1	2
4	KEY	A5X25	1
5	ROTOR		1
6	CENTRIFUGAL SWITCH		1
7	STATOR/WINDINGS		1
8	CAPACITOR		1
9	SCREW	M4X8	2
10	CAPACITOR BOX		1
11	MOTOR HOUSING		1
12	FAN COVER		1
13	SCREW	M4X8	3
14	FAN		1
15	SCREW	M5X20	6
16	END BELL		1
17	CENT. SWITCH PLATE		1
18	SCREW	M6X25	4
19	TABLE LOCK ASSEMBLY		2
20	ADJUSTING PIN		2
21	FLAT WASHER	d6	2
22	RUBBER PAD		4
23	NUT	M6	4
24	FLAT WASHER	d6	8
25	DISC		1
26	WASHER		1
27	PANHEAD SCREW	M6X20	1
28	DUST CHUTE COVER		1
29	SPRING WASHER	d6	2
30	SCREW	M6X20	2

Item No.	Description	Specification	Qty
31	REFERENCE LABEL		2
32	SCREW	M5X6	1
33	M GAUGE POINTER		1
34	KNOB BOLT		1
35	BIG FLAT WASHER	d6	1
36	MIDRE GAUGE		1
37	GALGE SLIDE		1
38	PIN	Ø5x12	1
39	NUT	M6	6
40	TRUNION (1)		1
41	WORK TABLE		1
42	PANHEAD SCREW	M6X20	6
43	TRUNION (2)		1
44	SCREW	M4X6	2
45	SWITCH KEY		1
46	SAFETY SWITCH		1
47	SCREW	M4X6	1
48	SWITCH PLATE		1
49	CORD & PLUG		1
50	TOOTH WASHER	d5	1
51	SCREW	M5X10	1
52	EARTHING LUG		1
53	SCREW	M5X10	4
54	WIRING BOX		1
55	EARTHING MARK		1
56	RIVET	Ø2X6	1
57	FLAT WASHER	d4	3
58	NAME PLATE		1
59	WARNING LABEL		1
60	ROTATION ARROW		1
	SAFETY GUARDS		1

