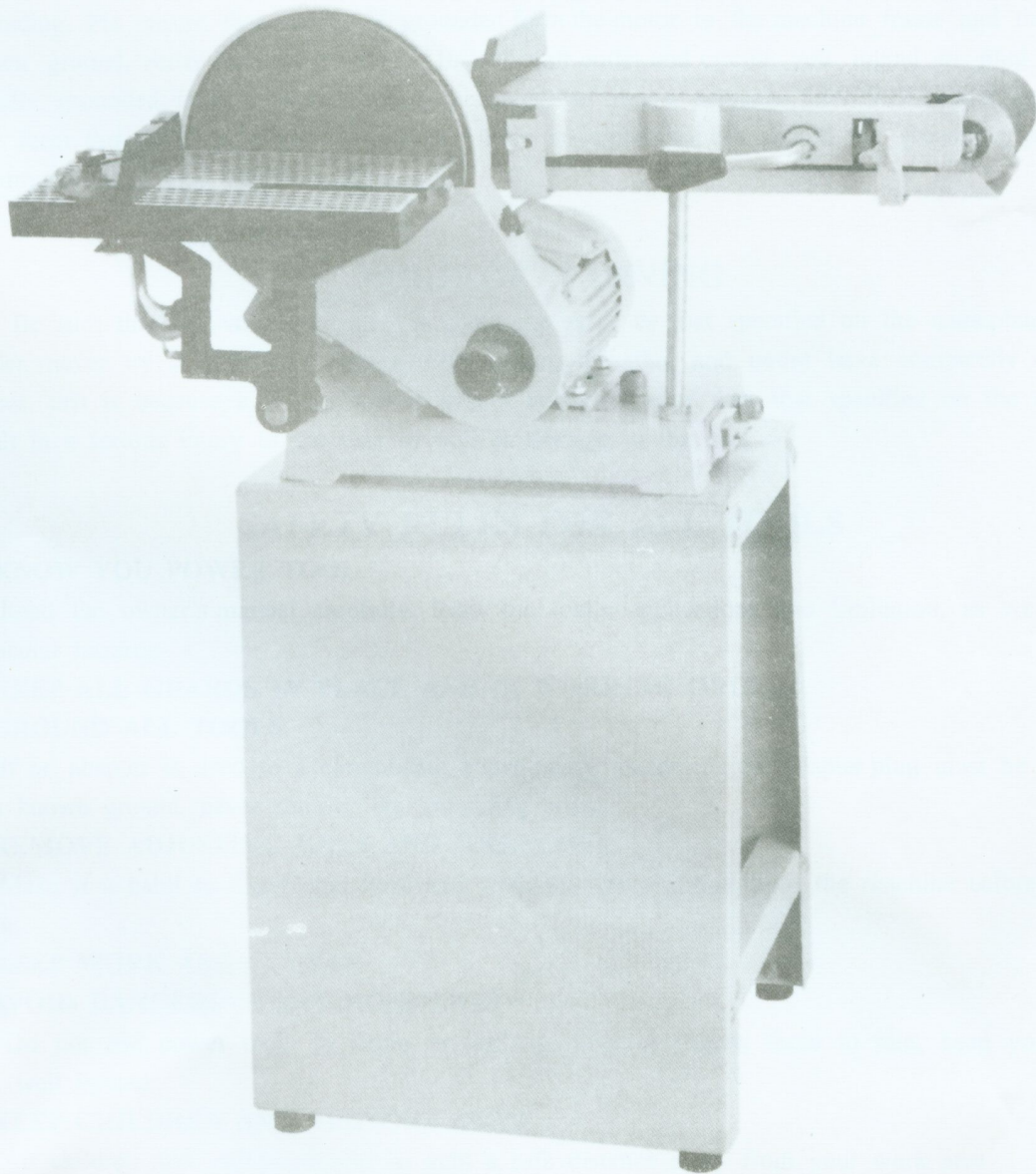


6" × 9"

BELT AND DISC SANDER



SECTION 1: INTRODUCTION

SAVE THIS MANUAL

You will need this manual for the safety instructions, assembly instruction, operating procedures, parts and warranty. Put the tool in a safe, dry and clean place for future reference.

GROUNDING INSTRUCTIONS

This equipment must be grounded. This sander is furnished with a plug which is suitable for grounding. Pls ensure that sander is grounded from the motor to the machine frame and then to a known ground, verify that any existing 110/120 volt outlet and circuit you intend to plug into is actually grounded. If it is not, it will be necessary to run a separate 12A.W.G copper grounding wire from the outlet to a known ground. Under no circumstances should the grounding pin from any three pronged plug be removed.

VOLTAGE WARNING

Be sure that the voltage supplied is about the same as that specified on the nameplate of the sander, never try a 110v tool into a 220v outlet, the plug and outlet have completely different shapes, this is because a power source with a voltage greater than that specified on the tool can result in a serious injury to the user as well as damage to the tool.

SAFETY RULES FOR ALL TOOLS

1. KNOW YOUR POWER TOOL

Read the owner's manual carefully, learn the tool's applications and limitation, as well as its particular hazards

2. KEEP ALL GUARDS IN PLACE AND IN WORKING ORDER

3. GROUND ALL TOOLS

If an adapter is used to accommodate a two-prong receptacle, the adapter plug must be attached to a known ground, never remove the grounding prong.

4. REMOVE ADJUSTING KEYS AND WRENCHES

Make it a habit to check that keys and wrenches are removed from the machine before turning it on.

5. KEEP WORK AREA CLEAN

6. AVOID DANGEROUS ENVIRONMENTS

Do not use power tools in damp or wet locations or expose them to rain, keep your work area well lighted.

7. KEEP CHILDREN AND VISITORS AWAY

All children and visitors should be kept a safe distance away from your work area.

8. MAKE WORKSHOP CHILD-PROOF

Such as padlocks, master switches, or removable keys.

9. DO NOT FORCE TOOL

Tools work better and safer when they are allowed to perform at their own speed.

10. WEAR PROPER APPAREL

Do not wear loose clothing, gloves, neckties or jewelry that can get caught in moving parts, non-slip footwear must be worn, long hair should be tied back or wear a hat.

11. NEVER STAND ON OR LEAN ON THE TOOL

Doing so could make injury.

12. USE SAFETY GLASSES AND EAR PROTECTION

Also use a dust mask if the operation is dusty.

13. DO NOT OVERREACH

Keep proper balance at all time.

14. MAINTAIN TOOLS IN TOP CONDITION

Keep tools sharp and clean for best and safest performance, follow instructions for lubricating and changing accessories.

15. DISCONNECT TOOLS FROM POWER

Before servicing and when changing accessories.

16. AVOID ACCIDENTAL STARTING

Make sure the switch is in the "OFF" position before plugging in the cord.

17. CHECK DAMAGED PARTS

Do not operate the machine until it comes to a full stop.

18. NEVER LEAVE THE TOOL RUNNING UNATTENDED

Do not leave the tool running until it comes to a full stop.

19. DO NOT OPERATE THE TOOL IF USING DRUGS, ALCOHOL OR MEDICATION

20. DO NOT WORK IN HASTE OR OPERATE MACHINE IF YOU ARE FATIGUED

21. IF THERE IS SOMETHING YOU DO NOT KNOW OR UNDERSTAND ABOUT THIS TOOL, DO NOT OPERATE IT ASK FOR HELP FIRST, CONFUSION CAN LEAD TO DISASTER

22. BAD HABITS ARE DANGEROUS

Review all safety procedures often.

SECTION 2: PARTS DIAGRAM

- 1)PULLEYCOVER 2)BACK STOP 3)SANDING BELT 4)WORKTABLE 5)MOTOR
6)BASE 7)SIDE PLATE 8)STAND PANEL 9)TOP PANEL 10)MITER GAUGE
11)WORK BENCH 12)SANDING DISC 13)TENSILE RNOB

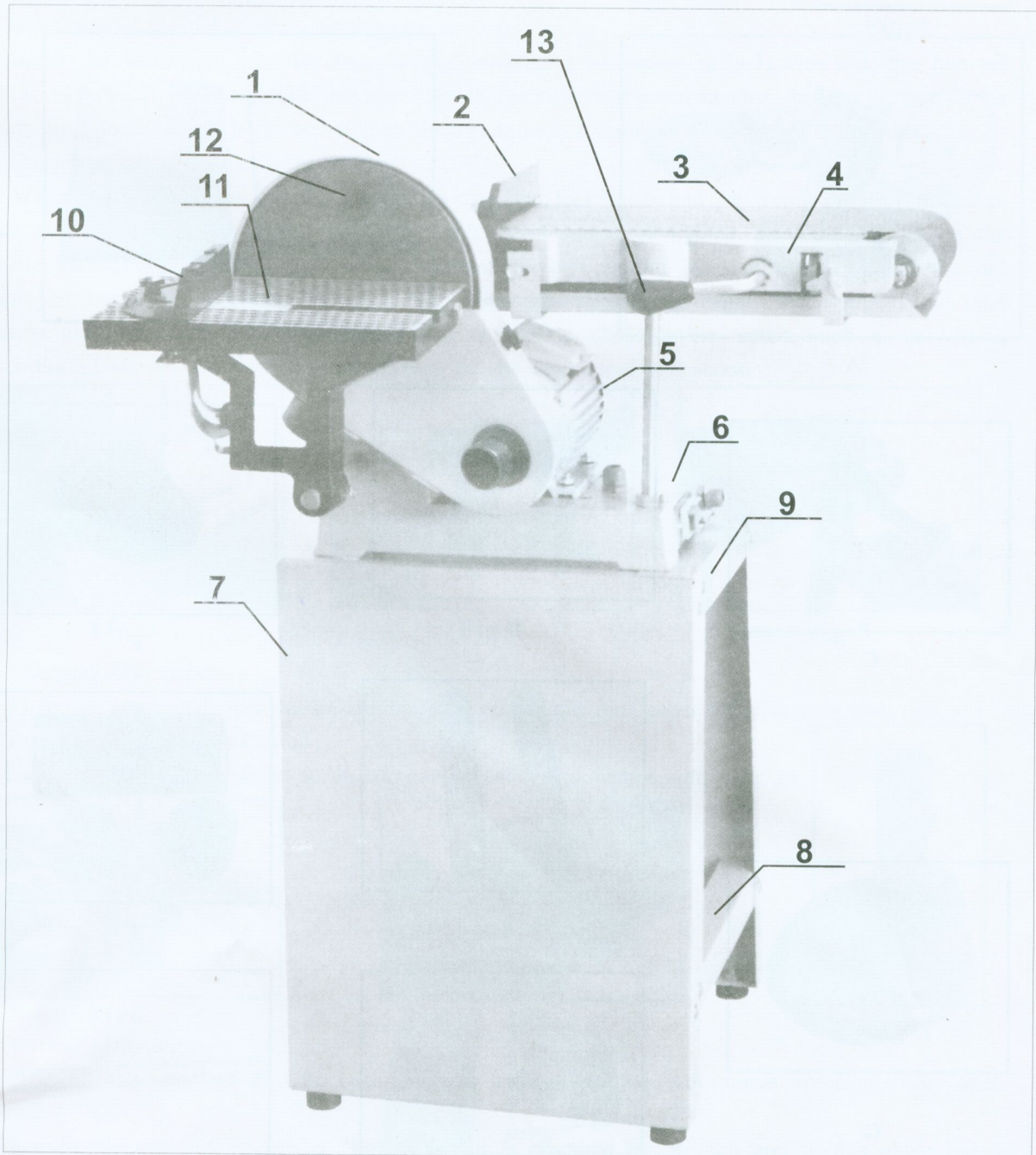
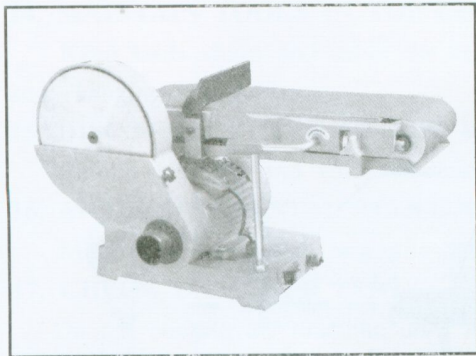


Fig.1

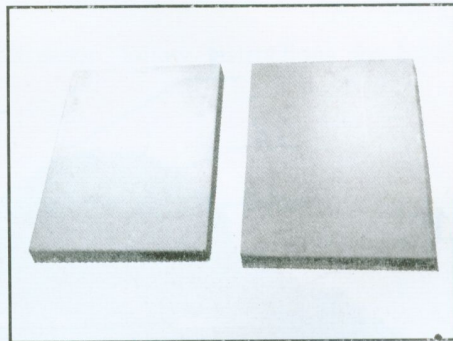
SECTION 3: PART INVENTORY

Unpacking carefully and removing all the parts from the carton, then you will have:

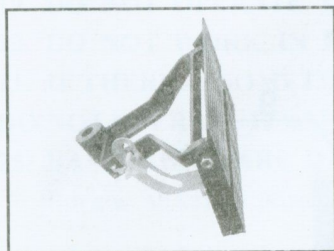
A)TOOL BODY B)SIDE BLATE C)WORKBENCH D)TOP PANEL E)LOW PANEL
F)MITER GAUGE G)DISC PAPER H)BOLT BAG I)DUST PORT(3) J)LOCK SHAFT



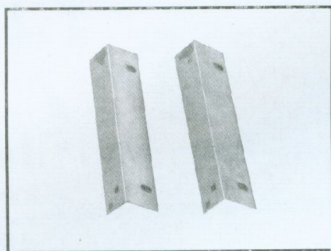
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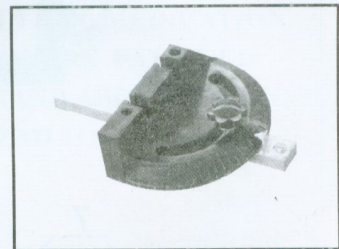
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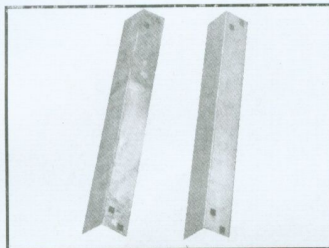
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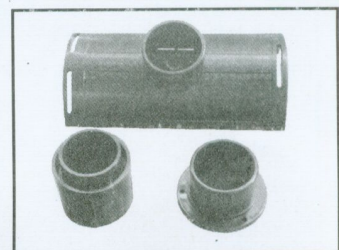
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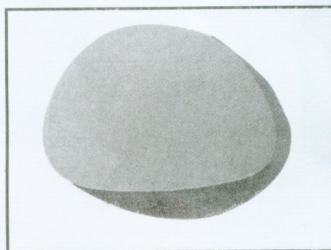
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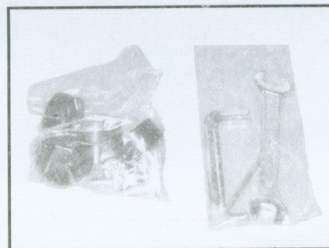
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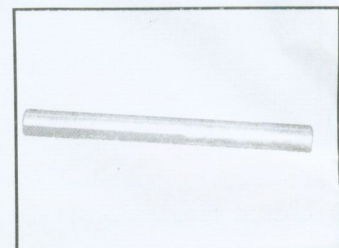
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G



H



J

Fig.2

SECTION 4: ASSEMBLY

1. Assembly of the stand

You need to assemble the side plate and panel becoming a stand (Fig A).

2. Assembly of body and stand

Put the tool body onto the stand, aligning the four hole on the leg stand with the hole on the tool Body. Tighten them with bolt and washers, then install the two dust port, and belt guard.

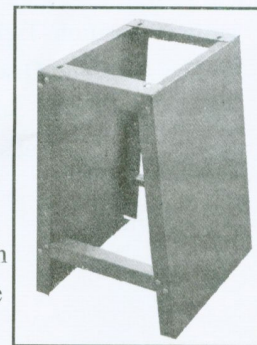


Fig.A

3. Use adhesive to stick Velcro sanderpaper to disc.

4. Insert the lock shaft into the hole of the workbench as shown in (fig 3), then lock the two set screw, then insert the lock shaft into the hole of the base, but you remember that the surface of the Shaft must face the set bolts, then tighten them and make 1.6mm between the table and disc.

5. Changing belt and adjustment

When need to change a new sand belt, loosen the lock knob and cap screw of the back stop, take down the belt guard, then loose the phip head screw of tighten the dust port. Catch the tensile handle turning along the pointed direction, the belt will be loose, at that time pull the old sand belt out (fig 4), changing the new one, aafter that wrench the handle to resume, if the sand belt is too tight, loose or not alignment with the center, adjusting the tensile knob to get (fig 5), after the adjustment for the sand belt, please fix the belt guard and screw.

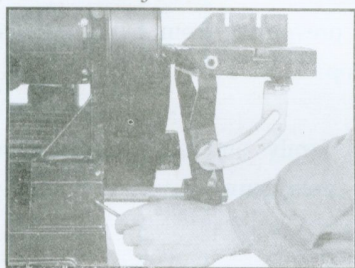


Fig 3

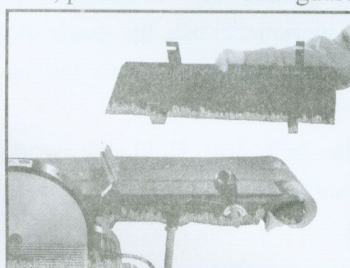


Fig 4



Fig 5

6. Changing disc paper

1) loosen knob and open the disc cover, take off the old disc paper and change a new one.

7. Adjustment of the workbench

Loosen knob and adjust the surface to reach 0-45degree before tighten (fig 6).

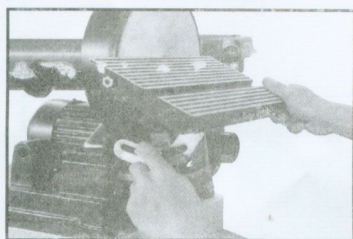


Fig 6

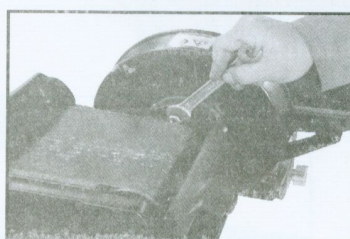


Fig 7

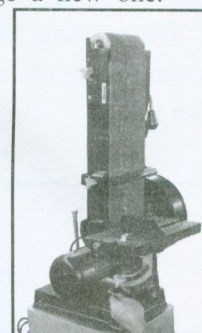


Fig 8

8. Vertical plsitoning

The 6" belt arm can also be operated in a vertical position. Adjustment procedures are listed below.

1) Loosen the two nuts shown in (fig 7) (one nut is obscured by the belt arm in this photo but it is directly below the visible one). With these nuts loose, the belt frame can be raised to its

vertical position. Tighten the nuts down.(fig. 8)

2) The Sanding Disc Table can also be moved to become a work table for belt sanding . Simply remove the Table Support Shaft from the base and insert it into the mounting bracket behind the motor .The Bracket's location is shown in (fig 8).

SECTION 5: OPERATION

Test run

Before you put your combination sander into use ,let's give it a quick inspection.

1. Are al fasteners tight?
2. Is the sanding belt properly tracked and tensioned?
3. Rotate disc slowly. Lock and listen for any scraping noises or anything that impedes smooth movement. Make appropriate adjustments.

Horizontal Sanding

1. Tum the sander on and allow the belt to reach full speed.
2. Place the workpiece flat on the belt. Be sure to hold the work securely with both hands. Place one hand at the end of the workpiece to feed it against the rotation of the belt, and one hand lightly on top of the piece to ensure adequate stock removal. (fig 9).
3. Depending on the length of the workpiece, use the back stop to prevent it from being ejected by the belt ,if you workpiece is too long, simply remove the back stop.

Curved Sanding

To sand curves, use the end of the belt arm. Hold the workpiece firmly and apply light, even pressure to the belt. To avoid excessive loading of the belt in one area, move workpiece slowly across entire surface of belt. (fig 10)

Disc sanding

1. Loosen table lock knob and tilt work table to desired angle. Tighten lock knob.
2. Use miter gauge to guide work into position.
3. Ease workpiece into the half of the disc that spins down toward the table .
4. When using the table for beveled sanding operations, try to keep an open table angle , this eliminates the risk of getting the workpiece jammed between the disc (or vertical belt) and the table (fig 11)

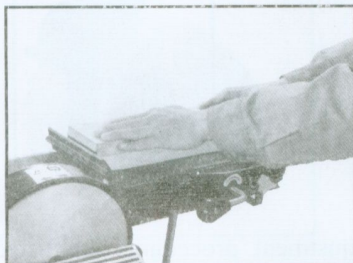


Fig 9

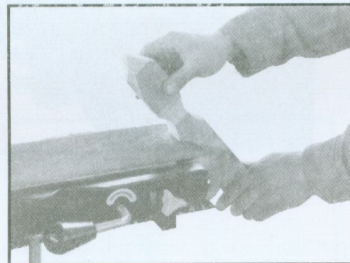


Fig 10

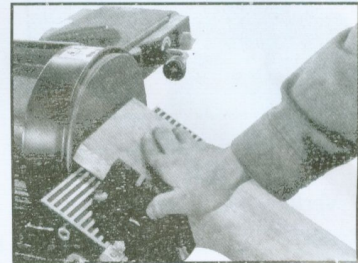
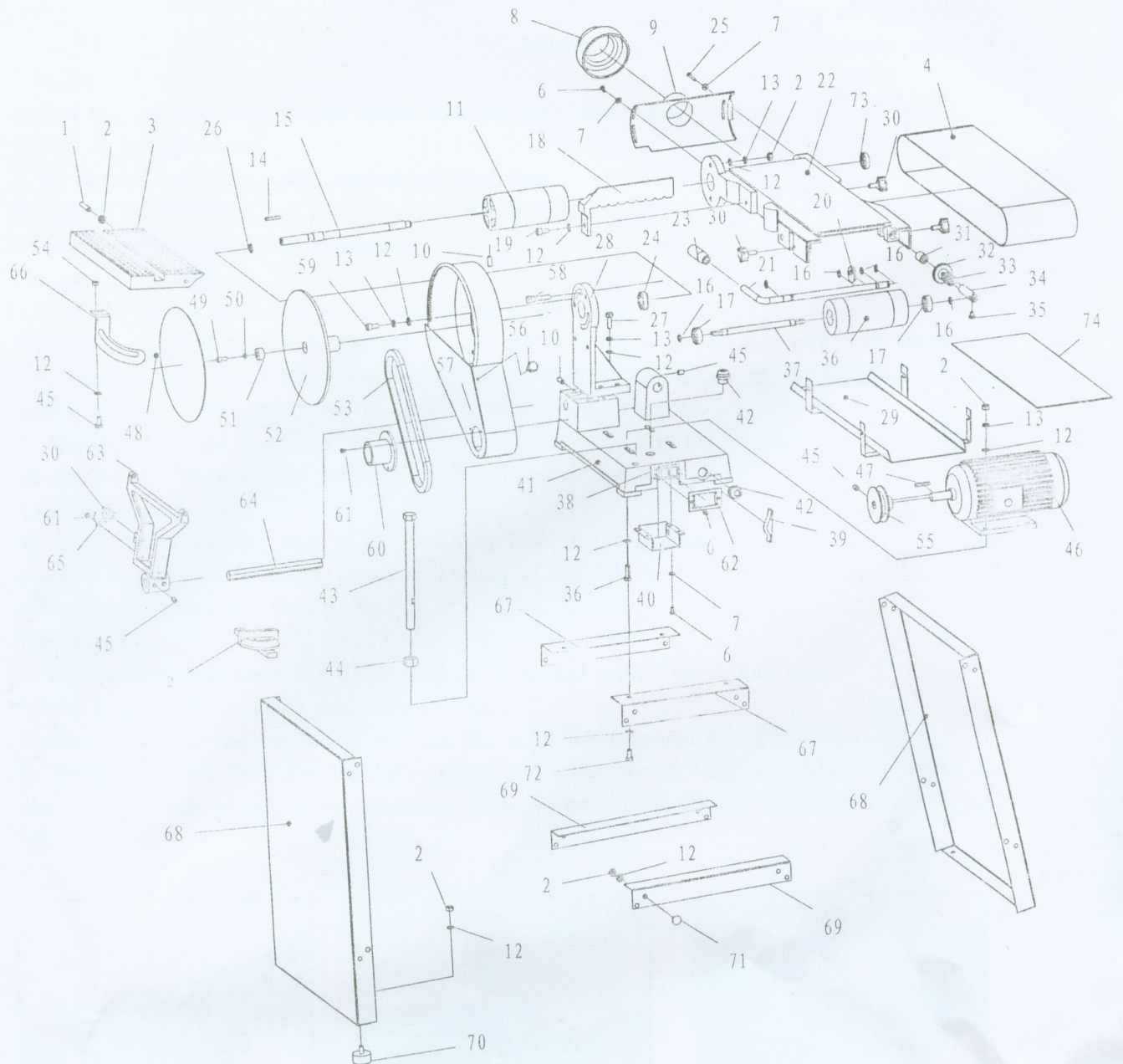


Fig 11

SPECIFICATIONS

1. Belt size:6"*48"
2. Disc size:9"
3. Workbench size:310*155(mm)
4. Workbench tilt coverage:0-45dgeree
5. Worktable tilt coverage:0-90dgeree
6. Motor speed:50HZ/1400RPM,60HZ/1700RPM

ASSEMBLY DIAGRAM AND PART LIST



NO.	DESCRIPTION	QTY	NO.	DESCRIPTION	QTY
1	SET SCREW M8*35	2	38	SWITCH	1
2	NUT M8	29	39	POWER CORD	1
3	BENCH	1	40	SWITCH GUARD	1
4	SANDING BELT	1	41	BASE	1
5	MITER GAUGE	1	42	STRAIN RELIEF	2
6	PHLP HEAD SCREW M4*10	2	43	SUPPORT ROD	1
7	WASHER 4	3	44	HEX NUT M16	1
8	DUST ADAPTER	1	45	SET SCREW M8*12	1
9	DUST PORT	1	46	MOTOR	1
10	SET SCREW M10*20	4	47	KEY	1
11	DRIVING GEAR	1	48	ABRASIVE PAPER	1
12	WASHER 8	13	49	CAP SCREW M6*16	1
13	LOCK WASHER 8	13	50	LOCK WASHER 6	1
14	KEY 5*40	1	51	DISC INSERT	1
15	DRIVING SHAFT	1	52	DISC	1
16	RETAINING COLLAR	9	53	V-BELT	1
17	BALL BEARING	3	54	SPECIAL WASHER	1
18	BACK STOP	1	55	MOTOR PULLEY	1
19	CAP SCREW M8*20	1	56	HANDLE	1
20	TENSILE GEAR	2	57	BELT GUARD	1
21	TENSILE HANDLE	1	58	LOCK BAR	2
22	WORK TABLE	1	59	CAP SCREW M8*12	3
23	HANDLE KNOB	1	60	DUST PORT	1
24	BALL BEARING	1	61	SHEET METAL SCREW M5*8	1
25	PHLP HEAD SCREW M4*30	1	62	SWITCH PLATE	1
26	RETAINING COLLAR 15	1	63	BENCH BRACKET	1
27	HEX HEAD BOLT M8*30	4	64	LOCK SHAFT	1
28	BASE SUPPORT	1	65	POINTER	1
29	BELT COVER	1	66	MITRE SCALE	1
30	LOCK KNOB M8*20	4	67	UP PANEL	2
31	ADJUSTABLE AXLE	2	68	SIDE PLATE	2
32	ADJUSTABLE NUT	2	69	LOW PANEL	2
33	SPING	2	70	RUBBER FOOT	4
34	ADJUSTABLE AXLE	2	71	CARRIAGE HEAD BOLT M8*12	16
35	PHLP HEAD SCREW M5*16	2	72	HEX HEAD BOLT M8*16	4
36	BOLT M8*30	4	73	RUBBER CAP	1
37	PASSIVE SHAFT	1	74	GRAPHITE COATED PLATEN	1