

# DRYWALL SANDER



CE RoHS



## **SAFETY RULES FOR DRYWALL SANDER**

- 1. USE A RESPIRATOR** approved by NIOSH for "Dust and Mist". Ventilate work area and/or use a dust collector. Continued and prolonged exposure to high concentrations of airborne dust may affect the respiratory system function.
- 2. MAINTAIN FIRM FOOTING AND BALANCE.** Use appropriate scaffolding. Do not overreach.
- 3. SANDING OF LEAD-BASED PAINT IS NOT RECOMMENDED.** Lead-based paint should only be removed by a professional.
- 4. SANDING DRYWALL COULD LEAD TO A BUILD-UP OF STATIC ELECTRICITY ON THE TOOL.** For your safety, the drywall sander is grounded.

## **TECHNICAL SPECIFICATIONS**

<b>Voltage supply</b>	<b>110V/230V</b>	<b>power output</b>	<b>710W</b>
<b>frequency</b>	<b>50Hz/60Hz</b>	<b>Speed</b>	<b>1000-2000r/min</b>
<b>Disc Diameter</b>	<b>225mm</b>	<b>N.W:</b>	<b>5KGS</b>

## **OPERATING INSTRUCTIONS**

### **FOREWORD**

The Drywall Sander is designed for sanding walls and ceilings that are made of drywall or plaster. The Sander provides a superior finish, and is faster than conventional finishing methods for both new construction and renovation work. Clean-up time is minimized by the use of an external Vacuum Cleaner attached to the Sander.

### **ABRASIVE DISC SELECTION**

The Drywall Sander is shipped with a 100 grit, abrasive disc installed. This abrasive is suitable for most applications. Abrasive discs of 120 grit and 240 grit are available for situations requiring a smoother finish.

### **HOW TO HOLD A DRYWALL SANDER**

The Drywall Sander should be held with both hands on the main tube (A) as shown in Fig. 1. The hands may be positioned anywhere along the main tube to provide the best combination of reach and leverage for the particular application.

**CAUTION:** Keep hands on Main Tube (A) Fig. 1. Do not place hand into area around the sanding head. The sanding head swivels in multiple directions and could pinch hand.

### **CONNECT DRYWALL SANDER TO VACUUM CLEANER**

The following items are furnished with the Drywall Sander:

- One vacuum hose: 4m long (includes a standard 38mm vacuum cleaner connector on one end and a special swivel connector on the Sander end), with a static dissipating feature to dissipate static electrical charges that are sometimes experienced when recovering drywall dust.
- One 38mm to 47mm adapter (adapts the 38mm hose connector to fit a 47mm vacuum cleaner).

## INSTALL AS FOLLOWS:

1. Install a special drywall dust bag into your vacuum cleaner, following the instructions supplied with the vacuum cleaner.

**CAUTION:** Failure to use a dust bag rated for drywall dust will increase the level of airborne dust particles in the work area. Continued and prolonged exposure to high concentrations of airborne dust may affect the respiratory system function.

2. Connect the vacuum hose to the Drywall Sander. Open the Drywall Sander's hose connector by turning the large nut (A) Fig. 2, counterclockwise a couple of turns. Push the vacuum hose swivel connector (B) Fig. 2, into the Drywall Sander connector and seat firmly. Turn the large nut clockwise to tighten connector.

3. Install the six "hook & loop" type straps, to prevent tangling of the Sander cord and the vacuum hose. Lay the cord and the vacuum hose out parallel to each other. Space the straps at approximately two foot intervals, beginning two feet from the Drywall Sander. Wrap the long end of each strap around the vacuum hose and close. Then wrap the short end of each strap around the cord and close (see Fig. 3).

4. Connect the vacuum hose to your vacuum cleaner. Use the 38mm to 47mm adapter if necessary. If your vacuum cleaner requires a special connector (something other than the standard 38mm to 47mm connectors supplied with the Drywall Sander), contact your vacuum cleaner supplier for the proper adapter.

## TO START AND STOP DRYWALL SANDER

Make sure power circuit voltage is the same as shown on the specification plate on the Sander, and that the Sander switch is OFF. Connect Sander to power circuit.

The Drywall Sander is equipped with a "rocker" type switch (A) Fig. 4. The top end of the switch button is labeled OFF, and the bottom end of the button is labeled ON. To start the Sander: depress the bottom (ON) end of the switch button. To stop the Sander: depress the top (OFF) end of the switch button.

## SPEED CONTROL

The Drywall Sander is equipped with a variable speed control. The speed is adjusted by turning the control knob (B) Fig. 4. The control knob is numbered "1" through "5" with "1" being the slowest speed (approximately 1000 RPM) and "5" being the fastest speed (approximately 2000 RPM).

Use the higher speed settings for fast stock removal. Use the lower speed setting to reduce removal rate for more precise control.

## BRUSH-TYPE SKIRT

A brush-type skirt (A) Fig. 5, surrounds the abrasive pad. This skirt serves two purposes: (1) The skirt extends below the surface of the abrasive pad so that it contacts the work surface first. This positions the sanding head parallel to the work surface before the abrasive contacts the work, preventing the abrasive from "gouging" the work. (2) The skirt also helps contain the drywall dust until the vacuum cleaner pulls it away.

**CAUTION: DISCONNECT SANDER FROM POWER CIRCUIT.**

To replace skirt: (1) Remove abrasive pad (see ABRASIVE PAD REPLACEMENT). (2) Use phillips screwdriver to remove the six retaining screws (B) Fig. 5. (3) Lift the skirt out of housing. (4) Position new skirt to housing and install the six retaining screws. (5) Replace the abrasive pad.

## SANDING DRYWALL

The Drywall Sander has a unique articulating sanding head: the head can swivel in multiple directions, allowing the abrasive pad to conform to the work surface (see Figs. 6, 7, and 8). This enables the operator to sand the top, middle and bottom of a wall or ceiling joint without changing his position.

1. Turn vacuum cleaner switch ON.

**CAUTION:** Wear a respirator approved for "Dust and Mist".

2. Turn Drywall Sander switch ON.

3. Position Drywall Sander lightly against work surface (apply just enough pressure to align the sanding head with the work surface).

4. Apply additional pressure to engage the abrasive pad to the work surface: while moving the Sander in an overlapping pattern to smooth the drywall compound down to a "featheredge".

Apply ONLY enough pressure to keep the abrasive pad flat against the work. Excessive pressure can cause unacceptable swirl marks and unevenness in the work surface.

Keep the Sander in constant motion while abrasive pad is in contact with the work surface. Use a steady, sweeping motion. Stopping the Sander (on the work), or moving the Sander erratically can cause unacceptable swirl marks and unevenness in the work surface.

**NOTE:** Do not allow rotating abrasive pad to contact sharp protrusions. Contact with protruding objects (nails, screws, electrical boxes, etc.), can severely damage the abrasive pad.

## ABRASIVE PAD REPLACEMENT

**CAUTION: DISCONNECT SANDER FROM POWER SOURCE.**

1. Grasp the abrasive pad and the sander housing (clamping the pad to the housing), to prevent pad rotation.
2. Rotate the pad retaining nut (A) Fig. 9, counterclockwise and remove.
3. Lift off the large metal washer (B) Fig. 9, and the abrasive pad (C) Fig. 9.

**NOTE:** When the abrasive pad (C) Fig. 9, is lifted off the Sander, the abrasive back-up disc (A) Fig. 10, is exposed. Please note that this back-up disc is also covered with an abrasive material. This abrasive material is ONLY used to prevent "slippage" between the back-up disc and the foam backed abrasive pad, it is NOT suitable for use as a sanding abrasive. DO NOT USE THE SANDER WITHOUT A PROPER ABRASIVE PAD INSTALLED (to prevent severe damage to the work).

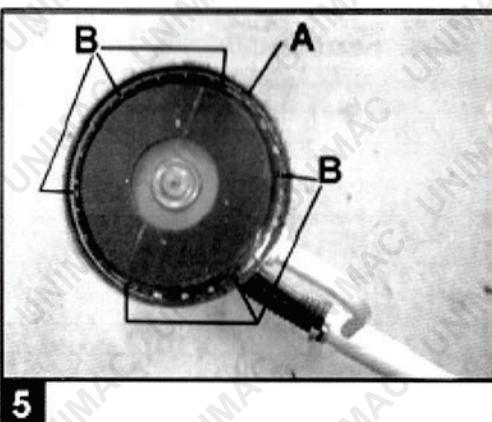
4. Position new abrasive pad to the back-up disc, making sure that the center hole in the abrasive disc is centered on the hub (B) Fig. 10, of the back-up disc.
5. Position the large metal washer (B) Fig. 9, and the retaining nut (A) Fig. 9, to the Sander.
6. Rotate the retaining nut clockwise to hand tighten (while holding the abrasive pad as described in step 1).



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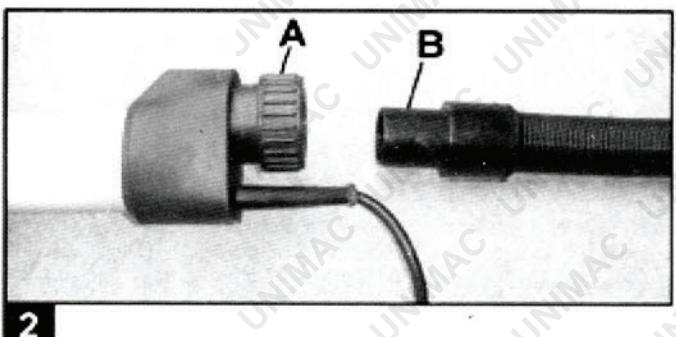
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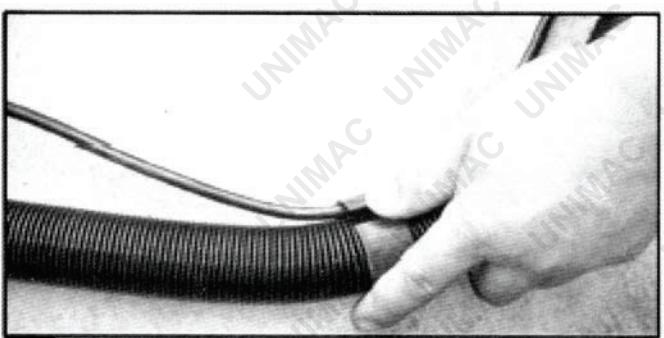
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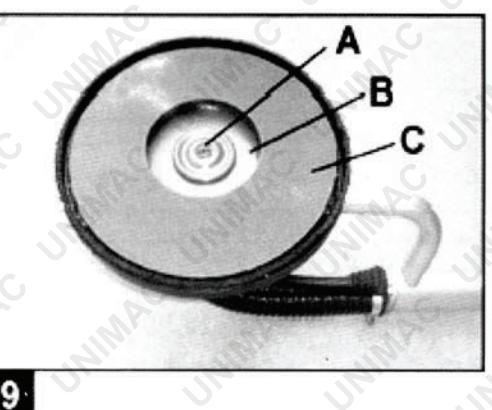
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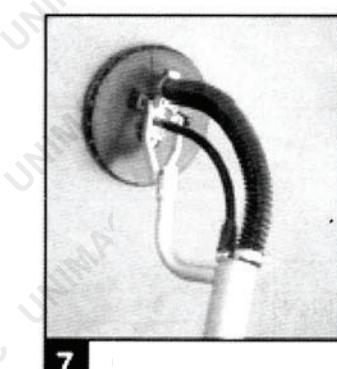
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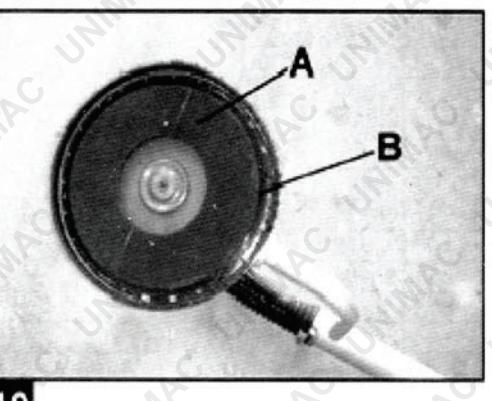
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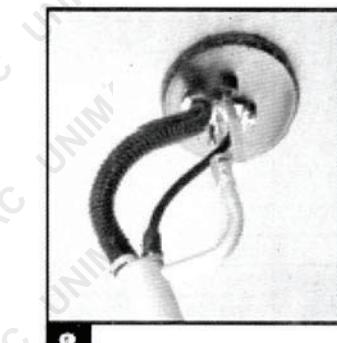
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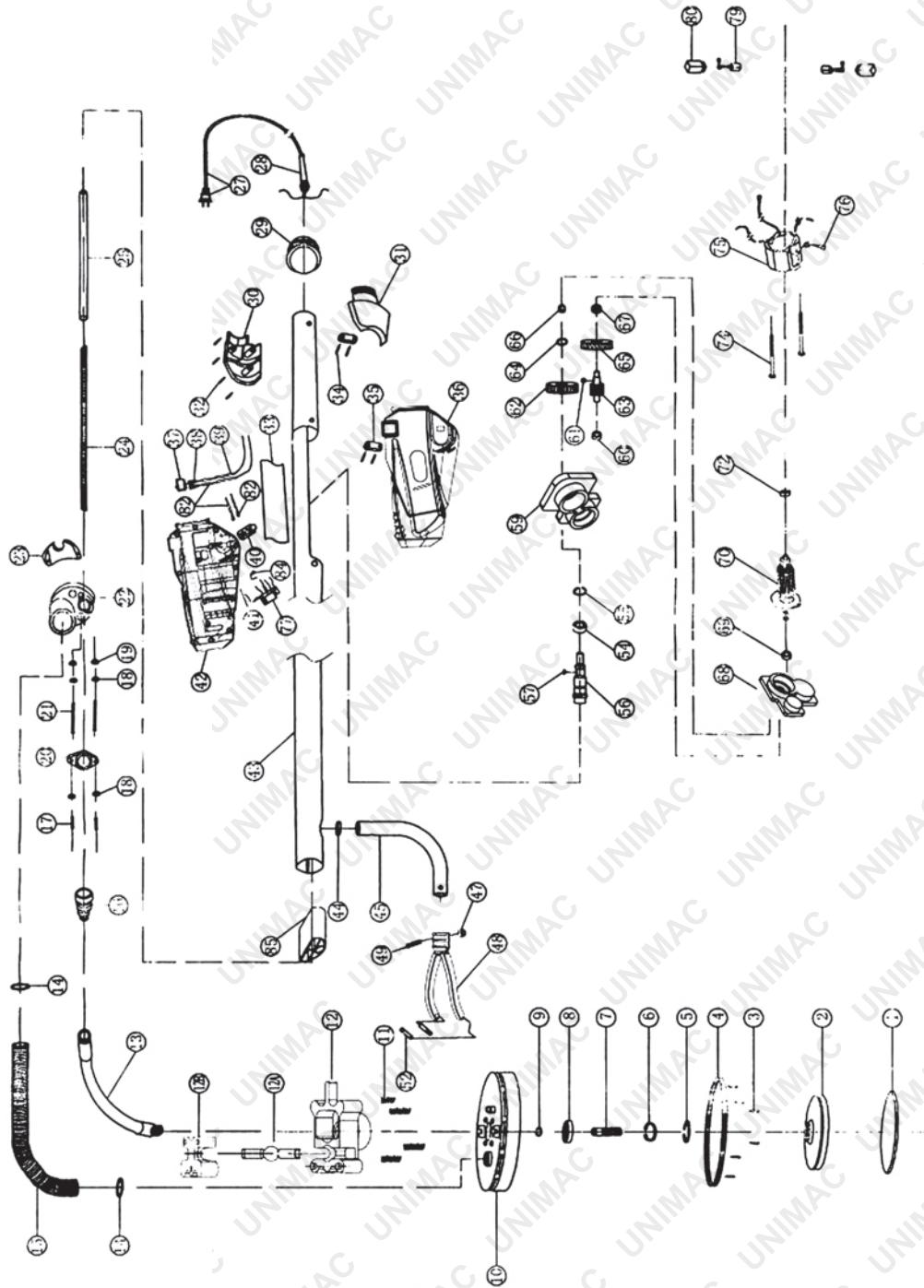


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## DMJ-700 spare parts list



NO.	spare part description	NO.	spare part description
1	sandpaper	42	screw3.9*20
2	adhibit tray	43	main tube
3	screw ST3.9X16	44	rubber ring
4	nylon brush/skirt	45	support tube
5	snap-ring	46	join screw column
6	inner snap-ring φ28	47	jion screw column
7	thread axes	48	support arm
8	bearing 6001	49	screw
9	snap-ring φ 12	52	guide pin
10	plastic disc	53	snap-ring φ32
11	spring	54	bearing
12	bearing seat	55	snap ring
12A	ball shot	56	spindle
12B	bonnet ball	57	screw
13	casing	58	screw 3.9*30
14	hose clamp	59	gear hsg
15	hose	60	bearing 627
16	tube sheath	61	steel hall φ3
17	screw M4X10	62	Spindle gear
18	lock washer	63	spindle gear
19	lock washer	64	snap - ring φ12
20	pivot plate	65	big gear
21	screw M4x40	66	cupurn sheath
22	tube support hag	67	bearing 606
23	tube ciamp plate	68	intermediate plate
24	drive shaft	69	bearing 608
25	guide tube	70	armature
27	dust plug	72	bearing sheath
28	cable shield sheath	74	screw
29	hose clamp nut	75	field
30	vacuum adapter hsg	76	snape-ring
31	vacuum adapter hsg	77	wire connector
32	screw3.9*16	78	shell
33	insulating paper	79	brush
34	screw3.9*16	80	cover of brush
35	string board	82	insulating tube
36	right safe cover	83	screw
37	on/off switch		
38	ring		
39	insulating tube		
40	variable speed control		
41	left safe cover		



**Some experts believe the incorrect or prolonged use of almost any product could cause serious injury or death. For information that may reduce your risk of serious injury or death consult the points below and additionally, the information available at [www.datastreamserver.com/safety](http://www.datastreamserver.com/safety)**

- Consult all documentation, packaging and product labelling before use. Note that some products feature online documentation which should be printed and kept with the product.
- Check product for loose / broken / damaged / missing parts, wear or leaks (if applicable) before each use. Never use a product with loose / broken / damaged / missing parts, wear or leaks (if applicable).
- Products must be inspected and serviced (if applicable) by a qualified specialist every 6 months assuming average residential use by a person of average weight and strength, above average technical aptitude, on a property matching average metropolitan specification. Intended use outside these guidelines could indicate the product is not suitable for intended use or may require more regular inspection or servicing.
- Ensure all possible users of the product have completed an industry recognised training course before being given access to the product.

- The product has been supplied by a general merchandise retailer that may not be familiar with your specific application or your description of the application. Be sure to attain third party approval for your application from a qualified specialist before use regardless of prior assurances by the retailer or its representatives.
- This product is not intended for use where fail-safe operation is required. As with any product (take an automobile, aircraft, computer or ball point pen for example) there is always a small chance of a technical issue that needs to be repaired or may require replacement of the product or a part. If the possibility of such failure and the associated time it takes to rectify could in any situation inconvenience the user, business or employee or could financially affect the user, business or employee then the product is not suitable for your requirements. This product is not for use where incorrect operation or a failure of any kind, including but not limited to a condition requiring product return, replacement, service by a technician or replacement of parts could cause a financial loss, loss of employee time or an inconvenience requiring compensation.
- If this item has been purchased in error considering the points above simply contact the retailer directly for details of their returns policies if required.