INSTRUCTION MANUAL

L-80 Belt Sander (240V) 150mm Belt Width

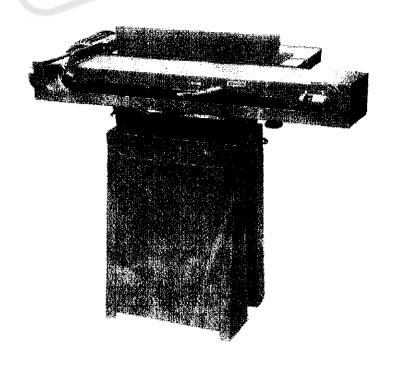




Established 1930
Distributors of new & used workshop Equipment

L112 L-80 BELT SANDER BIG BOY-80 MARCH 2002

BIG BOY 80 Horizontal/Vertical Sanding Machine



WARNING

For Your Own Safety Read instruction Manual Before Operating Sander.

- 1.Wear eye protection.
- 2. Support workpiece wity backstop or worktable.
- 1.KEEP GUARDS IN PLACE and in working order.
- 2.REMOVE ADJUSTING KEYS AND WRENCHES.Form habit of checking to see that keys and adjusting wrenches are removed from tool befor turning it on.
- 3.KEEP WORK AREA CLEAN.Cluttered areas and benches invite accidents
- 4.DON'T USE IN DANGEROUS ENVIRONMENT Don't use power tools in damp or wet locations, or expose them to rain. Keep work area well lighted.
- 5.KEEP CHILDREN AWAY ALL vistors should be kept safe distance from work area.
- 6.MAKE WORKSHOP KID PROOF with padlocks, master switches, or by re moving starter keys.
- 7.DON'T FORCE TOOL. It will do the job better and safer at the rate for which it was designed.
- 8.USE RIGHT TOOL.Don't force tool or attachment to do a job for which it was not designed.
- 9.WEAR PROPER APPAREL. Wear no loose clothing, gloves, neckties, rings, bracelets, or other jewelry which may get caught in moving parts. Nonslip footwear is recommended. Wear protective hair covering to contain long hair. Exception: The reference to gloves may be omitted from the instrictions for a grinder.
- 10.ALWAYS USE SAFETY GLASSES. Also use face or dust mask if cutting operation is dusty. Everyday eyeglasses only have impact resistant lenses, they are NOT safety glasses.
- 11.SECURE WORK, Use clamps or a vise to hold work when practical. It's afer than using your hand and it frees both hands to operate tool.
- 12.DON'T OVERREACH. Keep proocr footing and balance at all times.
- 13.MAINTAIN TOOLES WITH CARE. Keep tools sharp and clean for best and safest performance .Follow instructions for lubricating and changing accessories.
- 14.DISCONNECT TOOLS before servicing; when changing accessories, such as blades, bits, cutters, and the like.
- 15.REDUCE THE RISK OF UNINTENTIONAL STARTING. Make sure switch is in off postion before plugging in.
- 16.USE RECOMMENDED ACCESSORIES. Consult the owner's manual for recomended accessories. The use of improper accessries may cause risk of injury to persons.
- 17.NEVER STAND ON TOOL. Scrious injury could occur if the tool is tipped or if the cutting tool is unintentionally contacted.
- 18.CHECK DAMAGED PARTS. Before further use of the tool, a guard or other part that is damaged should be care fully checked to determine that it will operate properly and perform its intended function check for alignment of moving parts, binding of moving parts, breakage of parts, mounting, and any other conditions that may affect its operation. A guard or other part that is damaged should be properly repaired or replaced.
- 19.DIRECTION OF FEED. Feed work into a blade or cutter against the direction of rotation of the blade or cutter only.
- 20.NEVER LEAVE TOOL RUNNING UNATTENDED TURN POWER OFF Don't leave tool until it comes to a complete stop.

A.GROUNDING INSTRUCTIONS

1.All grounded,cord-connected tools: 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. improper connection of the equipment grounding conductor can result in a risk of electric shock. The conductor with insulation having an outer surface that is green with or without yellow stripes is the equipment-grounding conductor. If repair or repalacement of the eletric cord or plug is necessary, do not connect the equipment-grounding conductor to a live terminal.

Check-with a qualified electrician or service personnel if the grounding instructions are not completely understood, or if in doubtas to whether ther tool is properly grounded. Use only 3-wire extersion cords that have 3-prong grounding plugs and 3-pole receptacles that accept the tool's plug. Repair or replace damage or worn cord immediately.

2.Grounded, cord-connected tools intended for use on a supply circuit having a nominal rating-less than 150 volts.

this tool is intended for use on a circuit that has an outlet that looks like the one illustrated in Sketch A in Figure the tool has a grounding plug that looks like the plug illustrated in Sketch A in Figure

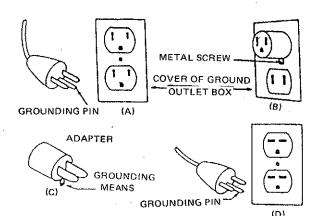
A temporary adapter, which looks like the adapter illustrated in Sketches B and C, may be used to connect this plug to a 2-pole receptable as shown in Sketch B if a properly grounded outlet is not available. The temporary adapter shoule be use only until a properly grounded outlet can be installed by a qualified electrician. The green-colored rigid ear, plug, and the like extending from the adapter must be connected to a permanent ground such as a properly grounded outlet box.

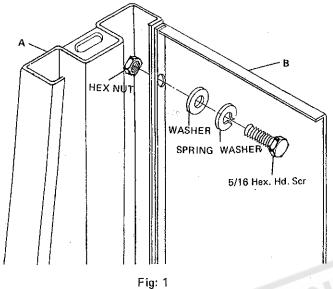
3. Grounded, cord-connected tools in tended for use on a supply circuit having a nominal rating between 150-250 volts, inclusive:

This tool is intended for use on a circuit that has an outlet that looks like the one illustrated in Sketch D in Figure The tool has a grounding plug that looks like the plug illustrated in Sketch D in Figure

Make sure the tool is connected to an outlet having the same configuration as the plug. No adapter is available or should be used with this tool. If the tool must be reconnected for use on a different type of electric circuit, the reconnection should be made by qualified service personnel; and after reconnection, the tool should comply with all local code and ordinances.

GROUNDING METHODS





The way to change sand band.

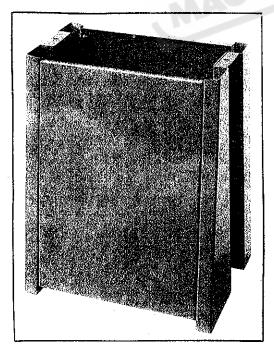


Fig: 2

- STAND ASSEMBLY : CLAMP PART(A) AND PART(B) BY HEX NUT, WASHER, SPRING WASHER AND SCREW. SEE, FIG. 1
- 2. STAND ASSEMBLY, SEE FIG. 2

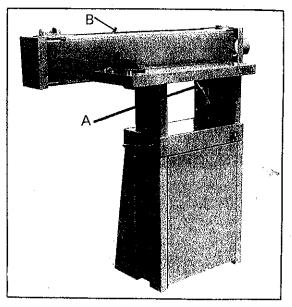


Fig: 4

- 1. SANDING TABLE CAN BE ADJUSTED 90° 180°, SEE FIG. 4
- 2. ADJUST CLAMP HANDLE (B) AT DESIRED TO CHANGE NEW BELT. SEE FIG. 4
- 3. LOOSEN ANGLE LOCK KNOB (A) TO SET AND TIGHTEN THE ANGLE

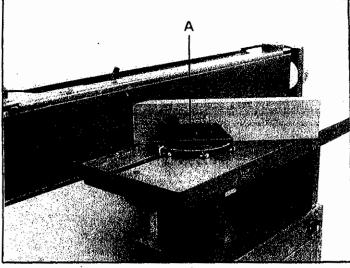


Fig: 5

- 1 MITER GAUGE (A) CAN BE ADJUSTED 45° 90° AND CLAMPED BY HEX. HANDLE (B), SEE FIG. 5
- 2. ADJUST MITER GAUGE (A) TO GET REQUIRED ANGLE GAUGE.

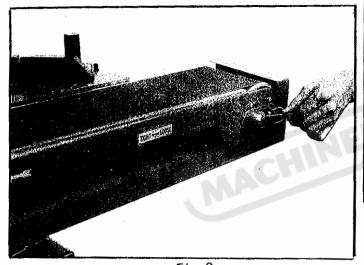


Fig: 6
ADJUST ROLLER TO TRACK BELT
SEE FIG. 6

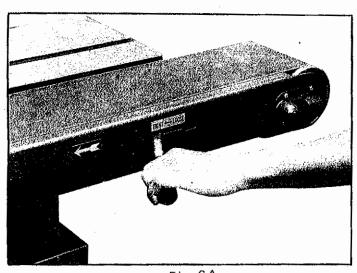


Fig: 6A
ADJUST ROLLER TO TRACK BELT
SEE FIG. 6

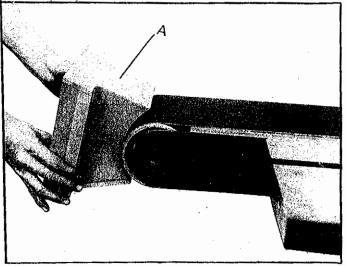


Fig: 7
FOR CONTOUR SANDING
SEE FIG. 7

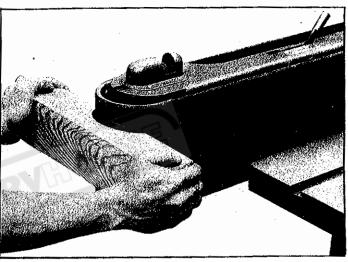


Fig: 7A
FOR CONTOUR SANDING
SEE FIG. 7

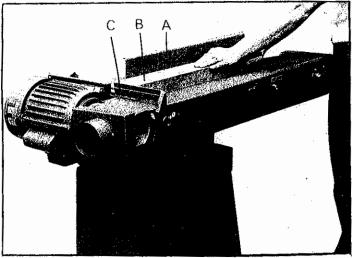
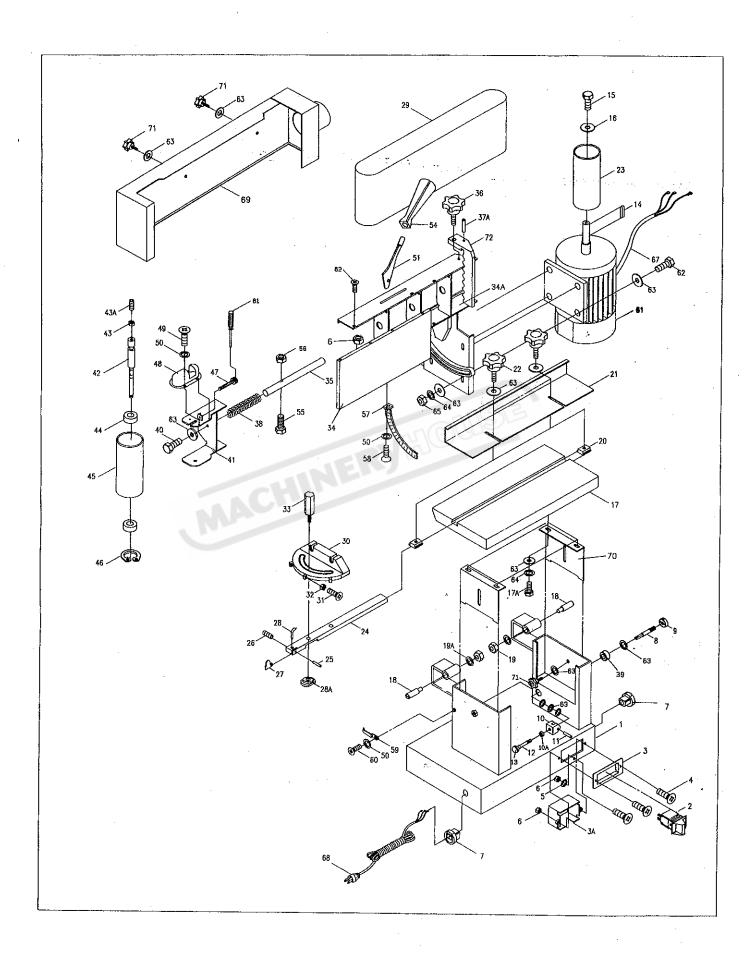
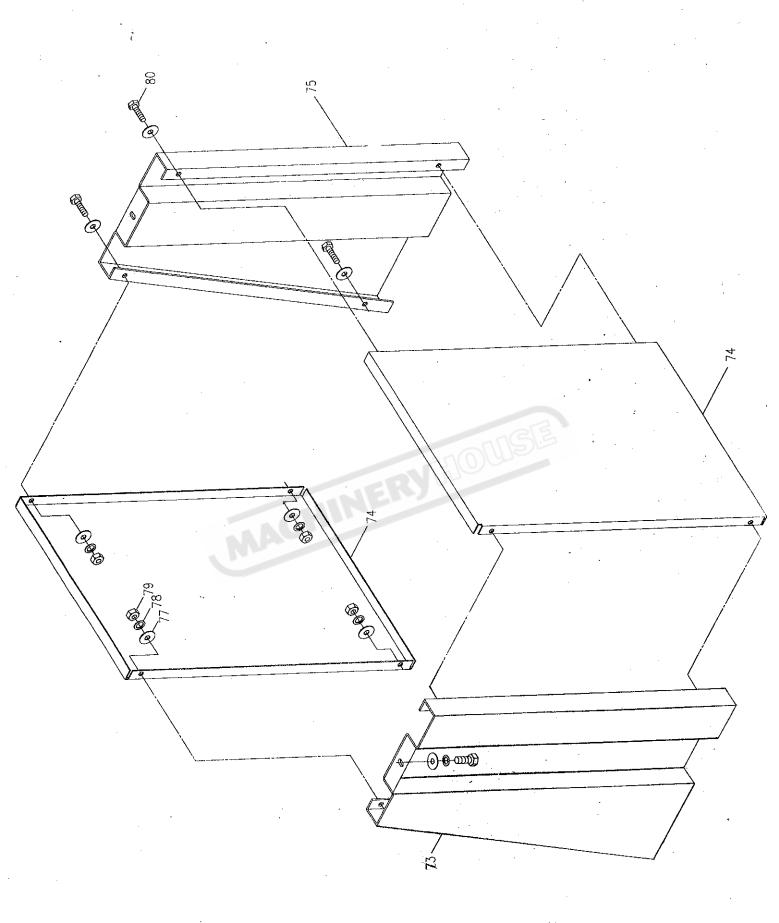


Fig: 8

- MOUNT LOCATING PLATE (A) FOR FLAT SANDING.
- 2. ADJUST KNOB TO CLAMP BRACKET (C) FOR SECURING JOB. SEE FIG. 8
- 3. ANGLE LOCK KNOB (A) TO SET ANGLE AT CERTAIN POSITION.





BIG BOY 80

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Ref No.	Description	Part No.	Q'ty
BOY80-1	Base	20101001	1
BOY80-2	Switch	20101002	1
BOY80-3	Switch Panel	20101003	1
BOY80-3A	Switch Prortection Box	20101004	1
BOY80-4	3/16"-24X1 1/2" Phillips Pan Hd. Scr.	S0030324	3
BOY80-5	3/16" Gear Washer	S0220300	2
BOY80-6	3/16"-24UNC Nut	S0110300	5
BOY80-7	Nylon Clamper	S1017W-2	2
BOY80-8	Work Table Bracket	20101005	1
BOY80-9	Regulating Collar	20101006	1
BOY80-10	Cam Eccentric	20101007	1
BOY80-10 A	3/8"-16 Nut	S0110600	1
BOY80-11	Pin	20101008	1
BOY80-12	Handknob	20101009	1
BOY80-13	Hand Knob	20101010	1
BOY80-14	Key	S0400525	1
BOY80-15	1/4"-20Hex. Hd Scr.	S0020401	1
BOY80-16	Washer	S0210400	1
BOY80-17	Table	20101011	1
BOY80-17A	5/16"-18 Hex. Hd. Scr.	S0020500	4
BOY80-17a	Extension Platform	201010111	1
BOY80-17b	Extension Platform Suppot	201010112	1
BOY80-18	3/8"-16 Screw	20101012	2
BOY80-19	M10 X1.5 Her. Nut	S0111000 M	2
BOY80-19 A	Spring Washer	S0210600	· 2
BOY80-20	Guide Block	20101013	1
BOY80-21	Fence	20101014	1
BOY80-22	M8-1.5X12m/m Knob	20101015	2
BOY80-23	Motor Roller	20101016	1
BOY80-24	Guide Bar	20102017	1
BOY80-25	Roll Pin	S0310306	1
BOY80-26	1/4"-20 x 1/4" Soc. Set Ses.	S0050404	1
BOY80-27	Locating Plate	20101028	1
BOY80-28	Pointer	20101019	1
BOY80-28A	Locating Block	20101020	1
BOY80-29	Sanding Belt	20101021	1
BOY80-30	Miter gage body	10104046	1
BOY80-31	5/32"-32 Rd. Hd. Scr.	S0030108	3
BOY80-32	5/32"-32 Her. Nut	S0110100	3
BOY80-33	Hand Knob	10104045	1
BOY80-34	Table	20101022	1
BOY80-34A	Sanding Cloth Platform	20101045	1
BOY80-35	Tension bar	20103023	1
BOY80-36	Knob	20101024	1
BOY80-36 A	1/4"x5/8"x20 UNC Knob	60105011	1
BOY80-37A	Pin	S0310640	1
BOY80-38	Spring	20103025	1
BOY80-39	Partition Ring	20101055	1
BOY80-40	5/16-18 x 5/16" Hex. Hd. Scr.	S0020510	1
BOY80-40A	Lifting Guide Pipe	20101050	1
20100 107	Outdo Lipe	20101030	

Ref No.	Description	Part No.	Q'ty
BOY80-41	Roller arm	20103026	1
BOY80-42	Shaft	20103027	1
BOY80-43	1/4"-20 x 1/2" Sec. Set. Scr.	S0050408	1
BOY80-43A	1/4"-20 ×1/2" Nut	S0110408	1
BOY80-44	6004ZZ Bearing	S0716004	2
BOY80-45	Driven roller	20103028	1
BOY80-46	Spring ring	S0521705	1
BOY80-47	Micro-inching Screw	20103029	1
BOY80-48	Inching Protection cover	20101030	1
BOY80-49	3/16 4x1/4"Rd. Hd. Scr.	S0030304	4
BOY80-50	Spring washer	S0230301	6
BOY80-51	Belt replacing plate	20101031	1
BOY80-52	M6x16 Hex. Hd. Scr.	S00106161	vI 5
BOY80-53	M6x15	S0210600	
BOY80-54	Sand clamp handle	20101032	1
BOY80-55	5/16"-18unc X3/4" Hex.Hd. Scr.	S0020512	1
BOY80-56	5/16"-18UNC Nut	S0120500	1
BOY80-57	Tilt scale	20101033	1
BOY80-58	3/16"-24UNCX 1/2" Cap Screw	S0040308	2
BOY80-58A	3/16"-24UNC Nut	S0110300	3
BOY80-59	Width pointer	20101034	1.
BOY80-60	3/16"-24UNCX 3/8" Cap Screw	S0030306	2
BOY80-61	Motor	20101035	1
BOY80-62	5/16"-18 x 1½"Hex. Hd. Scr.	S0020520 S0210500	7
BOY80-63	5/16" Washer		19
BOY80-64	5/16" Spring washer	S0230500	20
BOY80-65	5/16"-18Nut	S0110500	9
BOY80-67	Switch cord	L0000000	_1_
BOY80-68	Power cord	L0000000	1
BOY80-69	Belt cover	20101038	1
BOY80-69A	Dustproof Protective Cover		1
BOY80-69 B	Dustproof Protective Cover	20101038 B	2
BOY80-70	Lifting Plate	20101002	. 2
BOY80-71	Knob	20101039	5
BOY80-72	Bracket	20101040	1
BOY80-73	Left Stand	20101041	1
BOY80-74	Partition board	20101042	2
BOY80-75	Right stand	20101043	1
BOY80-77	Washer	S0210500	18
BOY80-78	Spring washer	S0230500	10
BOY80-79	5/16"-18UNC Nut	S0110500	8
BOY80-80	5/16"-18 x 1" Hex. Hd. Scr.	S0020501	10
BOY80-81	Driver Wrench	20103044	1
BOY80-82	M5 - 12 Flat Hd. Sci.	S0040512-M	12
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PLANT SAFETY PROGRAMME

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Belt Sander

Description:

r-80

Brand:

HAFCO

This program is based upon the Australian Worksafe Standard for Plant(NOHSC:1010-1994) Developed in Co-operation Between A.W.I.S.A and Australia Chamber of Manufactures

Hom	Hazard	Hazard	Risk Control Strategies
Š	Identification	Assessment	(Recommended for Purchase / Buyer / User)
∀	ENTANGLEMENT	HIGH	Eliminate, avoid loose clothing / Long hair etc.
O	CUTTING, STABBING,	MEDIUM	Isolate power to machine prior to any checks or maintenance being carried out.
	PUNCTURING		Do not adjust or clean machine until the machine has fully stopped.
۵	SHEARING	MEDINM	Make sure all guards are secured shut when machine is on.
Ш	FRICTION	MEDIUM	Keep hands and body clear from sanding belt.
LL.	STRIKING	MEDIUM	Ensure belts are in good condition and at correct tension.
			Wear safety glasses.
			Stand clear of moving parts on machine.
			Remove all loose objects around moving parts.
I	ELECTRICAL	MEDIUM	All electrical enclosures should only be opened with a tool that is not to be kept with the
			machine.
0	OTHER HAZARDS, NOISE,	LOW	Wear hearing protection as required.
	DUST		Must be connected to a dust extraction.
		Contract Contract	Diest Sofot, December to be good in conjunction with manufactures instructions

"THE JUNCTION" 2 WINDSOR ROAD, NORTHMEAD NSW 215. Phone (02) 9890 9111 Fax (02) 9890 3888

Authorised and signed by:
Safety officer.......

Manager:....

Date: Mar-02