KINCROME®

PROFESSIONAL QUALITY TOOLS

INDUSTRIAL AIR BODY PANEL SAW

- 2 YEAR WARRANTY
- 10,000 STROKES PER MINUTE
- VARIABLE SPEED
- ADJUSTABLE BLADE GUARD



K13275

ED1 December 15

KINCROME PROFESSIONAL QUALITY TOOLS

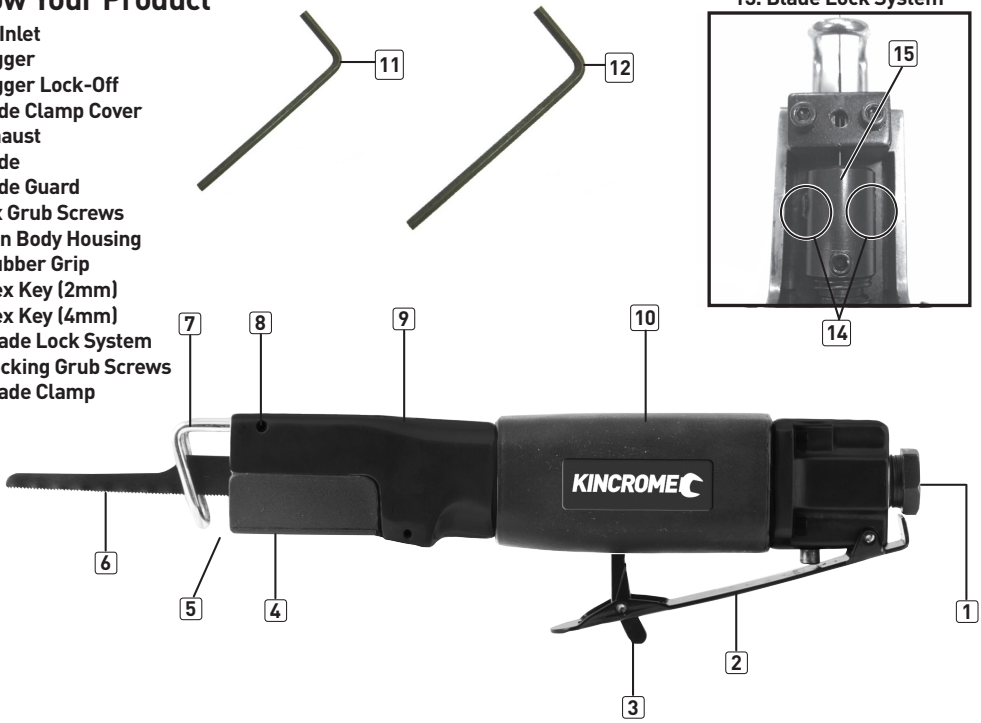
INDUSTRIAL AIR BODY PANEL SAW

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Know Your Product

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2. Trigger
3. Trigger Lock-Off
4. Blade Clamp Cover
5. Exhaust
6. Blade
7. Blade Guard
8. Hex Grub Screws
9. Main Body Housing
10. Rubber Grip
11. Hex Key (2mm)
12. Hex Key (4mm)
13. Blade Lock System
14. Locking Grub Screws
15. Blade Clamp



Model No:	K13275
Description:	Industrial Air Body Panel Saw
Air Inlet:	1/4"
Average Air Consumption:	56.6 LPM (2 CFM)
Strokes Per Minute	10,000
Cutting Capacity	1.5mm (16 Gauge)
Air Pressure (max.):	90psi
Hose Length (max.):	10 m
Hose Diameter (min.):	10mm (3/8")
Weight:	0.62kg

General Safety Warnings

Save all warnings and instructions for future reference.

WARNING! Read all safety warnings and all instructions. Failure to follow the warnings and instructions may result in serious injury.

1) Work Area

a. Keep the work area clean and well lit. Cluttered benches and dark areas increase the risks of electric shock, fire, and injury to persons.

b. Keep bystanders, children, and visitors away while operating the tool. Distractions can result in the loss of control of the tool.

c. Keep children and bystanders away while operating any powered products. Distractions can cause you to lose control.

2) Personal Safety

a. Stay alert. Watch what you are doing and use common sense when operating the tool. Do not use the tool while tired or under the influence of drugs, alcohol, or medication. A moment of inattention while operating the tool increases the risk of injury to persons.

b. Dress properly. Do not wear loose clothing or jewellery. Contain long hair. Keep hair, clothing, and gloves away from moving parts. Loose clothes, jewellery, or long hair increases the risk of injury to persons as a result of being caught in moving parts.

c. Avoid unintentional starting. Be sure the switch is off before connecting to the air supply. Do not carry the tool with your finger on the switch or connect the tool to the air supply with the switch on.

d. Remove adjusting keys and wrenches before turning the tool on. A wrench or a key that is left attached to a rotating part of the tool increases the risk of personal injury.

e. Do not overreach. Keep proper footing and balance at all times.Proper footing and balance enables better control of the tool in unexpected situations.

f. Use safety equipment. A dust mask, non-skid safety shoes and a hard hat must be used for the applicable conditions. Wear heavy-duty work gloves during use.

g. Always wear eye protection. Wear approved safety eye protection**.**

h. Always wear hearing protection when using the tool. Prolonged exposure to high intensity noise can contribute to hearing loss.

3) Tool Use and Care

a. Use clamps or other practical ways to secure and support the workpiece to a stable platform. Holding the work by hand or against the body is unstable and can lead to loss of control.

b. Do not force the tool. Use the correct tool for the application. The correct tool will do the job better and safer at the rate for which the tool is designed.

c. Do not use the tool if the switch does not turn the tool on or off. Any tool that cannot be controlled with the switch is dangerous and must be repaired, by an authorised repair agent.

d. Disconnect the tool from the air source before making any adjustments, changing accessories, or storing the tool. Such preventive safety measures reduce the risk of starting the tool unintentionally. Turn off and detach the air supply, safely discharge any residual air pressure, and release the throttle and/or turn the switch to its off position before leaving the work area.

e. Store the tool when it is idle out of reach of children and other untrained persons. A tool is dangerous in the hands of untrained users.

f. Maintain the tool with care. A properly maintained tool is easier to control.

g. Check for misalignment or binding of moving parts, breakage of parts, and any other condition that affects the tool's operation. If damaged, have the tool serviced before using, at an authoriesd Kincrome repair agent.Many accidents are caused by poorly maintained tools.

h. Use only accessories that are identified by the manufacturer for the specific tool model. Use of an accessory not intended for use with the specific tool model, increases the risk of injury to persons.

4) Service

a. Tool service must be performed only by qualified repair personnel.

b. When servicing a tool, use only identical replacement parts. Use only authorized parts.

c. Use only the lubricants specified by the manufacturer.

5) Additional Safety Warnings

a. The warnings and precautions discussed in this manual cannot cover all possible conditions and situations that may occur. It must be understood by the operator that common sense and caution are factors which cannot be built into this product, but must be supplied by the operator.

b. Only use with accessories rated to handle the forces exerted by this tool during operation. Other accessories not designed for the forces generated may break and forcefully launch pieces.

c. Attach all accessories properly to the tool before connecting the air supply. A loose accessory may detach or break during operation.

d. Thoroughly read and understand the manual for the air compressor used to power this tool. Install an in-line shutoff valve to allow immediate control over the air supply in an emergency, even if a hose is ruptured.

e. Use this tool with both hands only. Using tools with only one hand can result in loss of control.

f. Do not lay the tool down until it has come to a complete stop. Moving parts can grab the surface and pull the tool out of your control.

g. Do not force the tool. Use a larger one if needed.

h. Do not hold blades during use.

i. Anyone using vibrating tools regularly, or for an extended period should first be examined by a doctor and then have regular medical check-ups to ensure medical problems are not being caused or worsened from use. Pregnant women or people who have impaired blood circulation to the hand, past hand injuries, nervous system disorders, diabetes, or Raynaud's Disease should not use this tool. If you feel any symptoms related to vibration (such as tingling, numbness, and white or blue fingers), immediantly discontinue use and seek medical advice as soon as possible.

j. Do not smoke during use. Nicotine reduces the blood supply to the hands and fingers, increasing the risk of vibration related injury.

k. Wear suitable gloves to reduce the vibration effects on the user.

6) Description of Symbols

The following symbols could be shown on the tool:

	Read the instruction manual before use.		Risk of Explosion
	Wear Ear Protection		Wear Eye Protection
no	No-load speed, Free Speed	**CFM**	Cubic Feet per Minute flow
.../min, RPM	Revolutions or reciprocation per minute	**SCFM**	Cubic Feet per Minute flow at standard conditions
PSI	Pounds per square inch of pressure	**NPT**	National pipe thread, tapered
ft-lb	Foot-pounds of torque	**BPM**	Beats/ Blows per minute
Nm	Newton meters of force	**BSP**	British standard pipe

7) Additional Safety instruction for Air Body Panel Saw

1. **This appliance is not intended for use by young children or infirm persons without supervision. Young children should be supervised to ensure that they do not play with this appliance.**
2. **Hold tool by insulated gripping surfaces when performing an operation where the cutting tool may contact hidden wiring.** Contact with a "live" wire will make exposed metal parts of the tool "live" and shock the operator.
3. **Use clamps or another practical way to secure and support the workpiece to a stable platform.** Holding the work by hand or against your body leaves it unstable and may lead to loss of control.
4. **Keep hands away from moving parts.** Never place your hands near the cutting area.
5. **Keep hands away from cutting area.** When sawing, never reach underneath or behind the material being cut for any reason.
6. **Never hold work in your hand, lap or against parts of your body when sawing.** The saw my slip and the blade could contact the body causing injury.
7. **Use extra caution when cutting overhead and pay particular attention to overhead wires which may be hidden from view.** Anticipate the path of falling branches and debris ahead of time.
8. **Do not operate this tool for long periods of time. Vibration caused by the operating action of this tool may cause permanent injury to fingers, hands, and arms.** Use gloves to provide extra cushion, take frequent rest periods, and limit daily time of use.

WARNING! Some dust created by power sanding, sawing, grinding, drilling and other construction activities contain chemicals known to cause cancer, birth defects or other reproductive harm. Some examples of these chemicals are:

- Lead from lead-based paints;
- Crystalline silica from bricks, cement and other masonry products, and;
- Arsenic and chromium from chemically-treated timber.

Your risk from these exposures varies, depending on how often you do this type of work. To reduce your exposure to these chemicals: work in a well-ventilated area and work with approved safety equipment, such as dust masks that are specially designed to filter out microscopic particles.

8) Assembly

Adjusting/Removing the Blade Guard

Caution: Blade Guard (7) MUST always be attached during operation of the Air Body Panel Saw! Using the Air Body Panel Saw without the Blade Guard (7) may result in serious injury!

1. To remove or adjust the Blade Guard (7), use the supplied 2mm hex key (11), and remove the 2 hex grub screws (8) on either side of the main body housing (9).
2. It is recommended you remove the the blade guard (7) out of the main body housing (9) , when replacing blade (6). Pull the blade guard (7) out of the main body housing (9) to remove it.
   Caution: Be careful when pulling off the blade guard (7) , if a blade (6) is installed, as injury could occur.
3. Pull or push the blade guard (7) to adjust its position to assist with an accurate cut depth.
4. Reinstall the two hex grub screws (8) removed from step 1, to secure the blade guard (7) back into the air body panel saw.

Replacing Cutting Blades

WARNING! Disconnect the tool from air source and discharge any remaining air pressure remaining in the tool by holding down the trigger prior to replacing blades.

1. It is recommended that you remove the blade guard (7), before replacing the blade (6), see "Adjusting/Removing Blade Guard" section of this manual.
2. To change the blade (6), turn the air body panel saw upside down, so the blade clamp cover (4) is facing the roof.
3. Open up the blade clamp cover (4), by removing the single phillips head screw and swing the blade clamp cover (4) open.
4. Loosen the 2 large locking grub screws (14), located either side of the blade clamp (15), using the supplied 4mm hex key (12) until you can remove the blade. (DO NOT fully remove the 2 large locking grub screws (14)).
5. Remove & replace the existing blade (6) and retighten the 2 large locking grub screws (14) located either side of the blade clamp (15) using the supplied 4mm hex key. Once the blade (6) is secured, screw the blade clamp cover (4) back down using a phillips head screwdriver (not supplied).

9) Before Starting

TO PREVENT SERIOUS INJURY FROM EXPLOSION:

Verify compressor is off before setup. Use only clean, dry, regulated, compressed air to power this tool. Do not use oxygen, carbon dioxide, combustible gases, or any other bottled gas as a power source for this tool.

1. It is recommended a filter, regulator with pressure gauge, oiler, in-line shut-off valve, and quick coupler be fitted for optimal operation, as shown on Figure A.
2. An in-line shut-off ball valve is an important safety device, it will shut-off the air supply even if the air hose is ruptured. The shut-off valve should be a ball valve because it can be closed quickly.

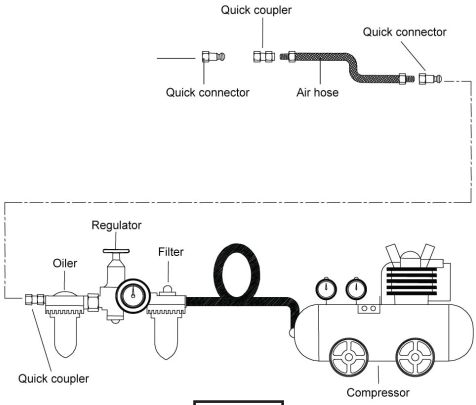


Figure A

Note: If an automatic oiler system is not used, add a 4 to 5 drops of Kincrome Air Tool Oil to the air inlet (1) before operation. Add 1-2 drops every hour of continual use.

3. Attach an air hose to the compressor's air outlet. Connect the air hose to the air inlet (1) of the tool. Other components, such as a quick connect fitting and quick connect coupler, will make operation more efficient, but are not required.

WARNING! Do not install a quick coupler directly on the tool. Couplers contains an air valve that will allow the air tool to retain pressure and inadvertently operate after the air supply is disconnected.

4. The air hose must be long enough to reach the work area and allow free movement while working.
5. Turn on the air compressor according to the manufacturer's directions and allow the tank to build up pressure until it cuts-off.
6. Adjust the air compressor's regulator so that the air output is at the tools recommended working pressure, the output must not exceed the tool's maximum air pressure at any time. Adjust the pressure gradually, while checking the air output gauge to set the optimal pressure range.
7. Inspect all air connections for leaks. Repair any leaks.
8. If the tool is not be used, turn off and detach the air supply, safely discharge any residual air pressure, and release the trigger (2) and/or turn the tools switch to its off position to prevent inadvertent operation.

10) Operation

WARNING! Check the blade (6) before each use. Do NOT use a cracked, bent or broken blade (6).

WARNING! The Kincrome K13275 Industrial Air Body Panel Saw is ideal for cutting through copper, steel, aluminium, sheet metal and plastics. DO NOT exceed the maximum 16 gauge thickness when cutting with the Industrial Air Body Panel Saw, as serious injury or damage to the tool may occur.

Note: Do not force the Air Body Panel Saw. Always press down lightly when sawing. Forcing the Industrial Air Body Panel Saw will shorten the cutting stroke, decrease efficiency of the tool and potentially break the blade, which may cause injury.

Note: Always use 2 hands when operating the Kincrome Industrial Air Body Panel Saw.

1. Where possible secure the material you will be working on, using a vice or clamp it to a work bench.
2. Ensure the tool is connected to a compressed air source, with a maximum pressure rating of 90 psi.
3. Push the trigger lock-off forward (3), and depress the trigger (2), sequentially to activate the Air Body Panel Saw.
4. Bring the Air Body Panel Saw, to the work piece while holding the trigger (2). Allow the saw to do the cutting for you, DO NOT force the saw, allow the blade (6) to do the work!
5. When you have finished cutting your work piece, disconnect the Industrial Air Body Panel Saw from the air supply to prevent accidents.

Caution: After disconnecting the Kincrome Industrial Air Body Panel Saw, safely release any remaining air which may still be in the tool, by holding down the trigger (2). Care as the Air Body Panel Saw may activate.

Caution: If tool still does not have sufficient force at maximum pressure and sufficient airflow, then a larger tool may be required.

11) Cleaning, Maintenance, and Lubrication

Note: These procedures are in addition to the regular checks and maintenance explained as part of the regular operation of the air-operated tool. The air motor and bearing uses compressed air to power the tool. Moisture in compressed air will rust the motor components, you must lubricate the motor with Kincrome Air Tool Oil daily.
Note: It is recommended that you remove the blade (6) before performing any maintenance to the Industrial Air Body Panel Saw.

Lubrication

1. Disconnect the Industrial Air Body Panel Saw from the air supply holding it so the air inlet (1) faces up.
2. Ensure the blade has been removed before lubricating the Industrial Air Body Panel Saw.
3. Push the trigger lock off (3) to activate the trigger, (2) and add 4 to 5 drops of Kincrome Air Tool Oil in the air inlet (1) of the Air Body Panel Saw. Holding the trigger (2) down helps circulate oil in the motor.
4. Connect the Air Body Panel Saw to air supply, cover the exhaust area (5) with a towel and run for a few seconds.



WARNING! Any excess oil in the motor is immediately expelled from the exhaust (5) .Always face the exhaust (5) away from people or objects.

Cleaning & Maintenance

1. Make sure all dirt, dust and debris is cleared from the air inlet (1) and the housing which holds the blades!
2. Before each use, ensure the blades are securely in place. If they are loose, retighten the 2 large set screws from step 4 in the "replacing blades" section of this manual.
3. Every 3 months, have the tool inspected, cleaned and lubricated by a qualified technician (at your own cost).
4. The pivot point of the trigger should be lubricated monthly, to ensure smooth operation.

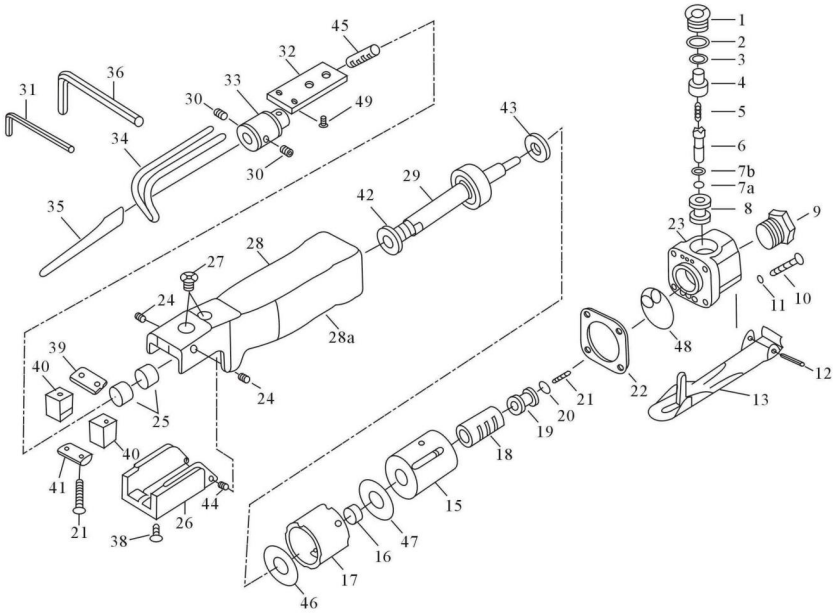
Storage

1. Avoid storing the tool in a location subject to high humidity. If the tool is left as it is used, the residual moisture inside the tool can cause rust. Before storing and after operation, oil the tool and run it for a short time.
2. Regular inspection should be carried out of blades and clamping devices irrespect of wear.

12) Warranty

Warranty given by Kincrome Australia Pty Ltd of 3 Lakeview Drive, Caribbean Park, Scoresby, Victoria (Tel 1300 657 528). The applicable warranty period (24 months) commences on the date that the product is purchased. If this product has materials or workmanship defects (other than defects caused by abnormal or non warranted use) you can, at your cost, send the product to place of purchase, an authorised Kincrome service agent or one of Kincromes addresses for repair or replacement. Your rights under this warranty are in addition to any other rights you have under the Australian Consumer Law or other applicable laws. Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure. For further details please visit www.kincrome.com.au or call us. Due to minor changes in design or manufacture, the product you purchase may sometimes differ from the one shown on the packaging.
IMPORTANT! If the tool fails to operate correctly, call customer service on 1800 657 528 for advice on the best resolution for your situation. If a resolution cannot be achieved over the phone please take the tool and all related accessories to an authorised service centre or place of purchase showing proof of purchase for assistance.

13) Parts Breakdown



K13275

Index No.		Parts No.	Description	Q'ty
1		K13275-1	Valve Screw	1
2		K13275-2	O-Ring(P11)	1
3		K13275-3	O-Ring(P7)	1
4		K13275-4	Air Controller	2
5		K13275-5	Valve Spring	1
6		K13275-6	Valve Stem	1
7A		K13275-7A	O-Ring(P0006)	1
7B		K13275-7B	O-Ring(P0007)	1
8		K13275-8	Valve Bushing	1
9		K13275-9	Air Inlet	1
10		K13275-10	Cap Screw(M4*15)	4
11		K13275-11	Washer(M4)	4
12	*	K13275-12	Lever Pin(3*23)	1
13	*	K13275-13	Throttle Lever	1
15		K13275-15	Valve Case	1
16		K13275-16	Bush(0806)	1
17		K13275-17	Cylinder	1
18		K13275-18	Valve Sleeve	1
19		K13275-19	Actuate Valve	1
20		K13275-20	Washer(3*8*8t)	1
21		K13275-21	Cap Screw(M3*23)	3
22		K13275-22	Gasket	1
23		K13275-23	Valve Block	1
24		K13275-24	Set Screw	2
25		K13275-25	Bush(0810)	2
26	*	K13275-26	Chuck Cover	1

Index No.		Parts No.	Description	Q'ty
27		K13275-27	Screw(M5*10)	2
28		K13275-28	Housing	1
28A		K13275-28A	Plastic Wrap	1
29		K13275-29	Piston Ass'y	1
30	*	K13275-30	Set Screw(5/16"*5/16")	2
31	*	K13275-31	Service Wrench(2mm)	1
32	*	K13275-32	Guide Plate	1
33	*	K13275-33	Blade Chuck	1
34A	*	K13275-34A	Work Guide(Long)	1
34B	*	K13275-34B	Work Guide(Short)	1
35A	*	K13275-35A	Saw Blade(32T)	1
35B	*	K13275-35B	Saw Blade(24T)	1
36		K13275-36	Service Wrench(4mm)	1
38	*	K13275-38	Screw(M4*10)	1
39		K13275-39	Upper Wear Shoe	1
40		K13275-40	Blade Guide	2
41		K13275-41	Bridge	1
42		K13275-42	Front Bumper	1
43		K13275-43	Rear Bumper	1
44		K13275-44	Spring Pin(2.5*5)	2
45	*	K13275-45	Spring	1
46		K13275-46	Packing	1
47		K13275-47	Packing	1
48		K13275-48	Packing	1
49	*	K13275-49	Set Screw(M5*25)	1

WE RESERVE THE RIGHT TO CHANGE SPARE PARTS AT ANY TIME WITHOUT NOTICE

* Indicates stocked spare parts

Notes:

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