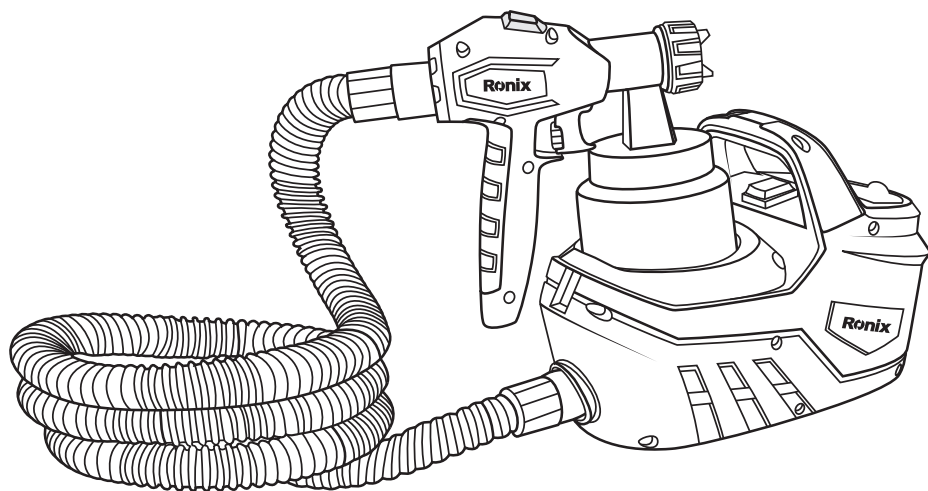


Ronix[®]

Premium Quality

LONG NECK DIE-GRINDER

1365

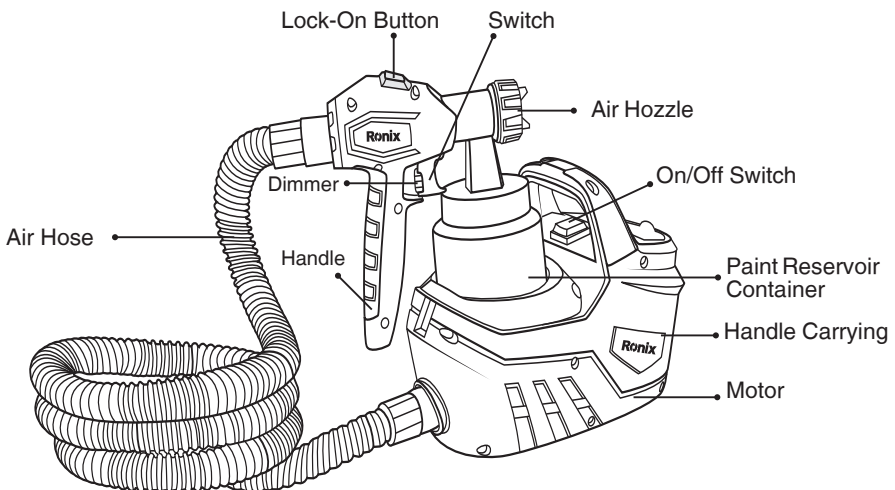


www.ronixtools.com

SPECIFICATIONS

Model	1365
Power	650W
Voltage	220-240V
Frequency	50-60Hz
Max. Flow	800ml/min
Nozzle	Φ1.8mm, Φ2.6mm
Max. Viscosity	60din/sec
Painting System	HVLP
Paint Reservoir	800ml
Supplied In	Ronix Color box
Weight	2.7kg
Includes	1pc Viscosity measuring cup, 1pc nozzle, 1pc Connect tube, 1pc Shoulder strap


PARTS LIST




Read the operating instructions carefully before using the tool and observe the safety instructions. Keep the operating instructions in a safe place.


GENERAL SAFETY INSTRUCTIONS


The following symbols are used in these instructions for use:


 Denotes risk of personal injury, loss of life or damage to the tool in case of nonobservance of the instructions in this manual.

 Denotes risk of electric shock.


 Wear protective gloves

 Wear a dust mask. Working with wood, metals and other materials may produce Dust that is harmful to health. Do not work with material containing asbestos!

 Wear eye protection

 **General Power Tool Safety Warnings A WARNING** Read all safety warnings and all instructions. Failure to follow the warnings and instructions may result in electric shock, fire and/or serious injury. Save all warnings and instructions for future reference.

The term «power tool» in the warnings refers to your mains-operated (corded) power tool or battery-operated (cordless) power tool.

-  1) General Power Tool Safety Warnings - Work area safety
- Keep work area clean and well lit. Cluttered or dark areas invite accidents.
 - Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases or dust. Power tools create sparks

which may ignite the dust or fumes. c) Keep children and bystanders away while operating a power tool. Distractions can cause you to lose control.

 2) General Power Tool Safety Warnings - Electrical safety

a) Power tool plugs must match the outlet. Never modify the plug in any way. Do not use any adapter plugs with earthed (grounded) power tools. Unmodified plugs and matching outlets will reduce risk of electric shock.

b) Avoid body contact with earthed or grounded surfaces, such as pipes, radiators, ranges and refrigerators. There is an increased risk of electric shock if your body is earthed or grounded.

c) Do not expose power tools to rain or wet conditions. Water entering a power tool will increase the risk of electric shock.

d) Do not abuse the cord. Never use the cord for carrying, pulling or unplugging the power tool. Keep cord away from heat, oil, sharp edges or moving parts. Damaged or entangled cords increase the risk of electric shock.

e) When operating a power tool outdoors, use an extension cord suitable for outdoor use. Use of a cord suitable for outdoor use reduces the risk of electric shock.

f) If operating a power tool in a damp location is unavoidable, use a residual current device (RCD) protected supply. Use of an RCD reduces the risk of electric shock.

 3) General Power Tool Safety Warnings - Personal safety

a) Stay alert, watch what you are doing and use common sense when operating a power tool. Do not use a power tool while you are tired or under the influence of drugs, alcohol or medication. A moment of inattention while operating power tools may result in serious personal injury.

b) Use personal protective equipment. Always wear eye protection. Protective equipment such as dust mask, non-skid safety shoes, hard hat, or hearing protection used for appropriate conditions will reduce personal injuries.

c) Prevent unintentional starting. Ensure the switch is in the off-position

before connecting to power source and/or battery pack, picking up or carrying the tool. Carrying power tools with your finger on the switch or energising power tools that have the switch on invites accidents.

d) Remove any adjusting key or wrench before turning the power tool on. A wrench or a key left attached to a rotating part of the power tool may result in personal injury.

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

f) Dress properly. Do not wear loose clothing or jewellery. Keep your hair, clothing and gloves away from moving parts. Loose clothes, jewellery or long hair can be caught in moving parts.

g) If devices are provided for the connection of dust extraction and collection facilities, ensure these are connected and properly used. Use of dust collection can reduce dust-related hazards.

4) General Power Tool Safety Warnings - Power tool use and care

a) Do not force the power tool. Use the correct power tool for your application. The correct power tool will do the job better and safer at the rate for which it was designed.


b) Do not use the power tool if the switch does not turn it on and off. Any power tool that cannot be controlled with the switch is dangerous and must be repaired.

c) Disconnect the plug from the power source and/or the battery pack from the power tool before making any adjustments, changing accessories, or storing power tools. Such preventive safety measures reduce the risk of starting the power tool accidentally.

d) Store idle power tools out of the reach of children and do not allow persons unfamiliar with the power tool or these instructions to operate the power tool. Power tools are dangerous in the hands of untrained users.

e) Maintain power tools. Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the power tool's operation. If damaged, have the power tool repaired before use. Many accidents are caused by poorly maintained power tools.

- f) Keep cutting tools sharp and clean. Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.
- g) Use the power tool, accessories and tool bits etc. in accordance with these instructions, taking into account the working conditions and the work to be performed. Use of the power tool for operations different from those intended could result in a hazardous situation.

 5) General Power Tool Safety Warnings - Service

- a) Have your power tool serviced by a qualified repair person using only identical replacement parts. This will ensure that the safety of the power tool is maintained.
- b) Caution! The use of any accessories or additional tools other than those recommended in this manual may lead to an increased risk of injury. Only use original replacement parts.

Safety Instructions for Spray Guns

- You may only spray coating materials such as paints, varnishes, glazes, etc. with a flashpoint of $\geq 21^{\circ}\text{C}$ ($\geq 32^{\circ}\text{C}$ in UK) and higher without additional warning. (German classification of coating material is hazard classes All and A III, see material tin.)
- The device may not be used in workplaces covered by the explosionprotection regulations.
- There must be no sources of ignition such as, for example, open fires, smoke of lit cigarettes, cigars and tobacco pipes, sparks, glowing wires, hot surfaces, etc. in the vicinity during spraying.
- Do not spray any substances whose hazard potential is not known.
- Before working on the spray gun remove the power plug from the socket.
- Do not use the spray guns to spray flammable substances.
- The spray guns are not to be cleaned with flammable solvents which have a flashpoint under 21°C .
- Caution against dangers that can arise from the sprayed substance and observe the text and information on the containers or the specifications given by the substance manufacturer.

RECOMMENDATION: WEAR A BREATHING MASK AND SAFETY GLASSES WHEN SPRAYING.

⚠ CAUTION - DANGER OF INJURY!

NEVER POINT THE SPRAY GUN AT YOURSELF, AT OTHER PEOPLE OR AT ANIMALS.

- When working with the tools indoors as well as outdoors ensure that no solvent vapors are sucked in by the spray gun. carry the coating substance across greater distances - thus causing damage. When working indoors, provide for adequate ventilation.
- Do not let children handle the device.
- Never open the device yourself in order to carry out repairs in the electrical system!
- Do not lay the spray gun.

⚠ RESIDUAL RISKS

Even when the power tool is used as prescribed it is not possible to eliminate all residual risk factors. The following hazards may arise in connection with the power tool's construction and design:

1. Damage to lungs if an effective dust mask is not worn.
2. Damage to hearing if effective hearing protection is not worn.
3. Damages to health resulting from vibration emission if the power tool is being used over longer period of time or not adequately managed and properly maintained.

⚠ WARNING!

This power tool produces an electromagnetic field during operation. This field may under some circumstances interfere with active or passive medical implants. To reduce the risk of serious or fatal injury, we recommend persons with medical implants to consult their physician and the medical implant manufacturer before operating this machine.



Wear hearing protection while operating the power tool. Intend use Coating Materials Suitable for Use

Water- and solvent-based paints, finishes, primers, -2component paints, clear finishes, automotive finishes, staining sealers and wood sealerpreservatives.

COATING MATERIALS NOT SUITABLE FOR USE

Wall paints (emulsion paints) etc., alkali and acidic paints.

Technical Data	
Rated voltage	240 - 220V
Rated power input	650W
Double insulation	
Nozzle size	1.8mm
Flow rate	800 ml/min

USE

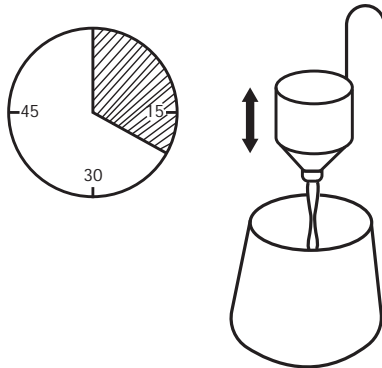
1. Preparing the Coating Material

Before spraying, the material being used may need to be thinned with the proper solvent as specified by the material manufacturer. Never exceed the thinning advice given by the coating manufacturer. Note: Material to be sprayed should always be strained to remove any impurities in the paint which may enter and clog the system. Impurities in the paint will give poor performance and a poor finish.

Thinning chart:

Material	Runout Time (seconds)
Oil enamel	25-45
Oil based primer	30-50
Varnish	20-55

Lacquer / lacquer sanding sealer	25-40
Oil stain sealer	No thinning required Clear
Polyurethane	No thinning required
Material flash point must be °70F (°21C) or higher.	



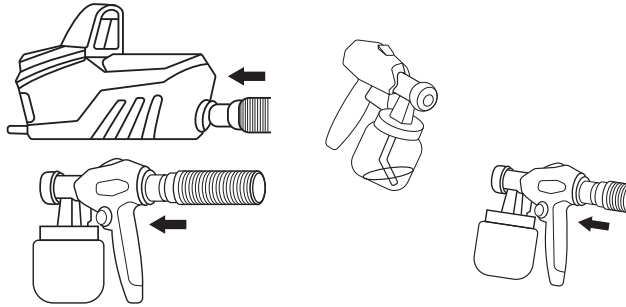
- Hold the test cup up and measure the time in seconds until the liquid empties out. This time is called «Runout Time in Seconds».

Note: stir the spraying material thoroughly before measuring and fill into the canister.

2. Start-up

Before connecting to the mains supply, be sure that the supply voltage is identical with the value given on the rating plate.

- 1) Attach carrying belt to machine.
- 2) Mounting air hose. Insert the air hose coupler tightly in the connections on the machine and the spray gun.



3) Unscrew the container from the spray gun, aligning suction tube
The container contents are to be sprayed out almost completely. When spraying horizontal surfaces, turn suction tube forward (A). When spraying objects overhead, turn suction tube back (B).

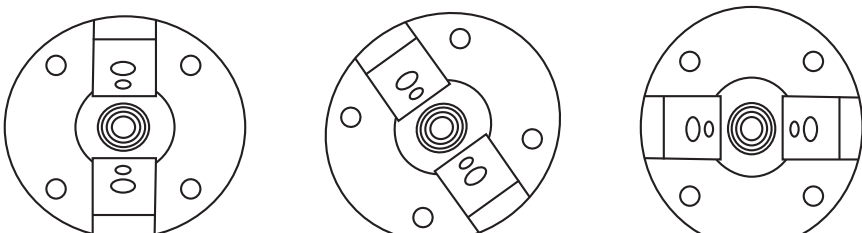
4) Pour in the prepared coating material and screw the container tightly onto the spray gun.

5) Put the machine down only on a level, clean surface. Otherwise the machine could suck in dust, etc.

6) Adjust the spray setting on the spray gun.

Three different spray jet settings can be chosen on the spray gun, depending on the application and target object.

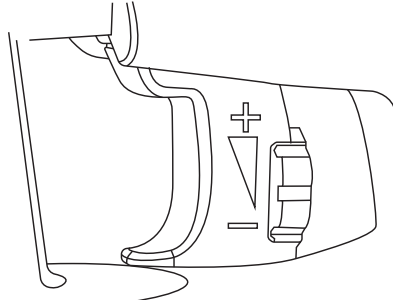
SETTING



7) Push the ON / OFF switch on the machine and start painting.

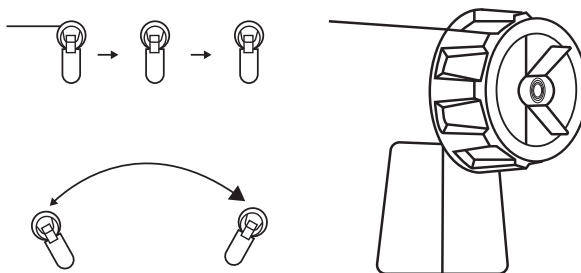
8) Adjusting the Material Volume

Set the material volume by turning the regulator knob on the trigger.



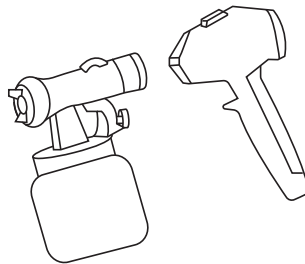
3. SPRAY TECHNIQUE

- The spray result depends heavily on the smoothness and cleanliness of the surface to be sprayed. Therefore the surface should be carefully prepared and kept free of dust.
- Cover all surfaces not to be sprayed.
- Cover screw threads or similar parts of the target object.
- It is advisable to test the spray gun on cardboard or a similar surface to find the correct setting. Important: Begin spraying outside of the target area and avoid interruptions inside the target area.
- Correct (Fig. 1 a) Be sure to hold the spray gun at an even distance of approx. 30 -20 cm to the target object.
- Incorrect (Fig. 1 b)
 - Heavy spray fog build-up uneven surface quality.
 - An even movement of the spray gun results in an even surface quality.
 - When coating material builds up on the nozzle (A) and air cap (B) (Fig.2), clean both parts with a solvent or water.



TAKING OUT OF OPERATION AND CLEANING

1. Turn the machine off. Activate the trigger guard so that the coating material in the spray gun flows back into the container.
2. Unscrew the container. Empty any remaining coating material back into the material tin.
3. Pre-clean the container and feed tube with a brush.
4. Pour solvent or water into the container. Screw the container back on. Use only solvents with a flashpoint over °21C
5. Turn on the machine and spray the solvent or water into a container or a cloth.
6. Repeat the above procedure until the solvent or water emerging from the nozzle is clear.
7. Turn the machine off.
8. Then empty the container completely. Always keep the container seal free of coating material residue and check for damage.
9. Press down the quick release button and pull out the front part of the spray gun. Clean it thoroughly.



10. Clean the outside of the spray gun and container with a cloth soaked in solvent or water.
11. Unscrew the union nut and remove the air cap and nozzle. Clean the air cap and nozzle with a brush and solvent or water.

CAUTION!

Never clean nozzle or air holes in the spray gun with sharp metal objects.

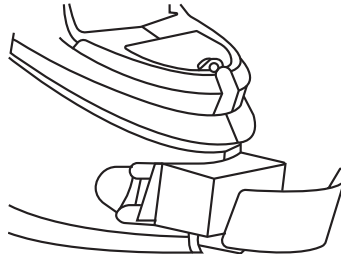
5. MAINTENANCE

■ CHANGE THE AIR FILTER

Change the air filter if it is soiled. Release the cover fastening from the machine, place the air filter in the cover. Push the cover back onto the machine.

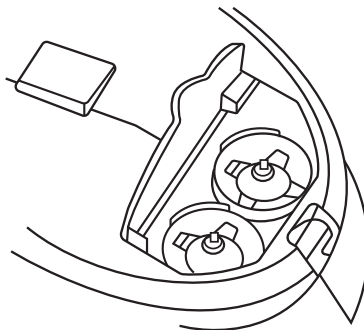
▲ **WARNING!**

Never operate the machine without the air filter; dirt could be sucked in and interfere with the function of the machine.



CHANGE THE NOZZLE

If the nozzle is worn, replace the nozzle. The nozzles can also be changed according to the paint application. Two additional nozzles are delivered with the unit and can be found in the nozzle container. The smaller size nozzle can be fixed to get a fine spray pattern.



ENVIRONMENTAL PROTECTION



The appliance and accessories should be recycled in an environmentally friendly way. Do not dispose of the appliance with household waste. Support environmental protection by taking the appliance to a local collection point or obtain information from a specialist retailer.

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