



# Concrete Grinding Machine

## WKG280 Operator's Manual



Gasoline/Electric Model

# Operating Dimension



WKG280 Electric Model

Model	WKG280
Length	900mm
Width	690mm
Height	770mm
Weight	143 lbs/85kg

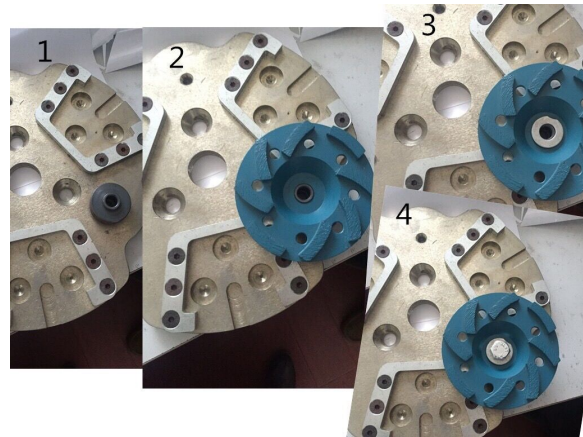
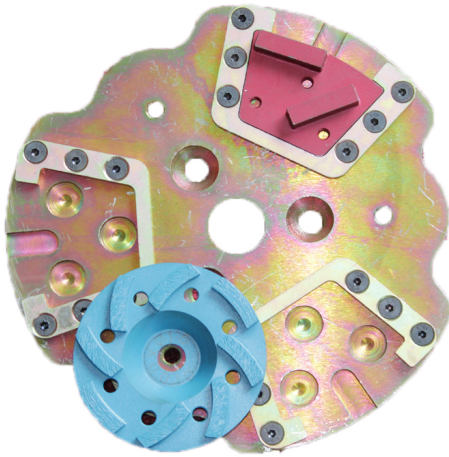
Note :All dimensions and weight are all for reference only and subject to change at any time

# Operating Instruction

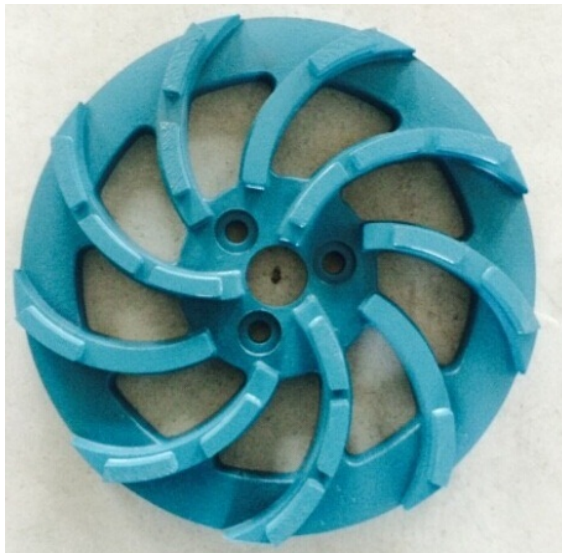
## Cup wheels layout

A.3pcs grinding shoes

B.3pcs 4inch grinding cup wheel



C.1 pc 10inch grinding cup wheels



**Choose one type when it works.**

## **Connect the vacuum cleaner**

Make sure that the filters in the vacuum cleaner are intact and clean. Pay attention to dust during operation.

## **Attach the skirt**

Adjust the rubber skirt to be in contact with the floor to ensure efficient dust collection.



## **Transport**

The machine can be folded to minimize space needed for transport. Carefully fold the machine forward. Put padding between the motor and the electric box to prevent damage to the machine.





## Perform Pre-Start Check

- Visually inspect the equipment for wear or damage
- Be sure all guards are in place and functional properly, Do not operate unless all guards are in place and secure
- Perform all daily maintenance
- Inspect accessories -Be sure the correct accessory is install properly on the machine,mounting arrangement and its intended use
- Inspect work area to determine the presence and location of deck inserts,pipes,columns and objects producing from the slab surface so that they may be avoided during the grinding operation.

## Starting

- Press the start button and keep it pressed a few seconds to start the machine (electric motor model)



- Lean back slightly on the handle to get the cup wheels off the surface and start the machine, idle the machine firstly in approximately 20 seconds, then lower the machine to the surface and do a short touch pass on the concrete.
- Reduce the pressure between grinding disc and floor by pushing down on the handle without raising the grinding off the ground

Then you are ready to grind, rotate the handle to adjust the height&depth of the grinding wheels



## Stopping

- Use the stop button to shut down the machine.
- Keep grinding segments in contact with the floor when stopping. This will help bring the machine to a complete stop quickly. Do not lift the grinding head off the floor when stopping as this can create a significant amount of dust in the air.

# MAINTENANCE

## Faults and trouble shooting

### The machine will not run

- Check the power supply and the power cables and make sure that they are not damaged.
- Check that the emergency stop button is not pressed by turning it clockwise.

### Machine is hard to hold onto

- Not enough diamonds under the machine (if grinding thick glue or soft floors, too few diamonds under the Machine will greatly increase the load on grinder and operator). Usually also accompanied by high current draw by motor. Increase number of diamonds under machine to reduce load on grinder and operator.

### Machine is jumping around

- Rubber shock absorber pads in grinding unit may be worn out or damaged. Check and change if necessary.
- Diamonds may not be fitted correctly or have different heights. Check to ensure all diamonds are fitted Correctly and are the same height.

### The machine stops after just a while

- The machine is overloaded and the overload protection has been released. Reduce load. The machine will reboot after about a minute when the motor has cooled off.

### The machine stops during start-up

- The electric motor has been overloaded or a phase is missing. Allow the machine one or two minutes to reset and try again. When this does not help, contact an authorized service workshop.

## Cleaning

- A Always pull out the plug from the outlet socket before cleaning, maintenance or assembly.

Always clean all the equipment at the end of the working

day

Do not use a high pressure washer to clean the machine.

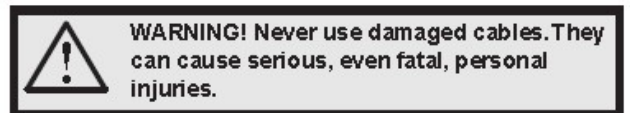
In order for the machine to always be cooled sufficiently the cooling air openings must be kept clear and clean.

### Rubber shock absorber pads

Check the rubber shock absorbing pads every month.

Replace if necessary.

## Electrical Feed



Check that the cord and extension cord are intact and in good condition. Never use the machine if the cord is damaged, hand it in to an authorized service workshop for repair.

## Skirt

Make sure that the rubber skirt is intact and clean and that it seals tightly against the floor. Damaged rubber skirt should always be replaced.