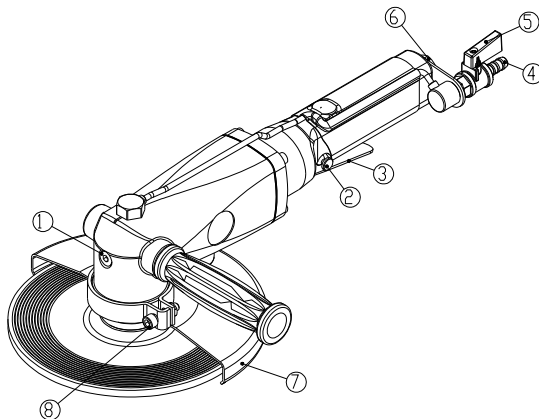


GISON Machinery Co., Ltd.

GPW-216 Wet Air Grinder

Features



① Spindle Oil Hole

Loosen the screw in counter clockwise direction with a 5mm hex. spanner and lubricating the gear set with oil directly from the hole. Fabricators can maintain the machine themselves, save maintenance cost and extend duration of gear.

② Safe Lever Knob

Before operating the tool, users need to press the knob to unlock the lever. Such device is designed to keep users away from danger for unintentional press of the lever.

③ Lever

Press the lever to start the tool. Just release the lever and the tool will stop performing immediately.

④ Water Valve

Connecting water hose to this area to bring the waterfed function to the tool while operating on materials easy to come up with dusts.

⑤ Water Regulator

Water regulator enables users to adjust frequency of water to proper speed according to various needs of profiling.

⑥ Air Inlet Adaptor

Connecting the tool to air hose with suggested proper air supply.

⑦ Metal Cover

Protect users from getting hurt when small particles pop up.

⑧ Adjust Screw

To increase work efficiency and convenience, users can loosen the screw with a 5mm hex. spanner to adjust the direction of the cover.

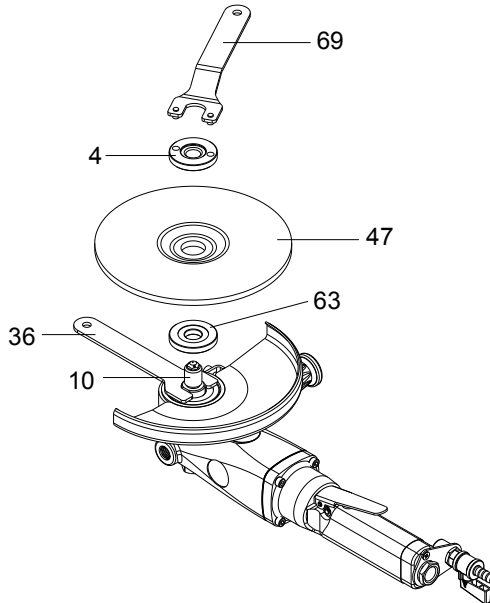
Disc Wheel Installation

① Installation :

Dovetail and fix the spindle (10) by stop spanner (36), and turn disc spanner (69) in clockwise direction to tighten the disc nut (4).

② Replace :

Dovetail and fix the spindle (10) by stop spanner (36), turn disc spanner (69) in counter clockwise direction to loose disc nut (4) to replace the disc wheel (47).



Operation Manual

Check the following items prior to operation.

● Working Environment

Make sure that the work site is in order prior to polishing operations.

● Air supply Quality

Select and install a compressor with sufficient capacity for the recommended air consumption. Use of compressed air with water and oil may cause rusting and other problems. Before operating the compressor, drain out the water and oil completely through the drain port provided at the bottom of the compressor tank.

● The Operating Air Pressure

This sander is designed for operation in the optimum air pressure at 90 PSI/6 BARS (Max. air pressure at 8.0 kgf/cm²). Excessive air pressure levels can cause the sander to run at excessively high r.p.m. and may cause harm to the operators. Only

operating this sander within the specified air pressure ranges.

● **The Air Regulator Function**

Grip the body while press the lever. Then switch the air regulator to turn the tool “on”. For faster r.p.m, turn the air regulator valve for air flow control from zero to max.

● **Connction Of The Air Hose From The Compressor To The Tool**

Check the air hose connection plug for small stone partcles and dust. Foreign Object Damage (FOD) can be caused by these small stone particles if they get into the tool.

- (1) Prior to connecting the air hose, make sure that it is not damaged and the connecting joint is tightly clamped. Connect the air hose to the compressor and the tool and make sure they aire air secure.

● **Test Run**

CAUTION

- Prior to switching on, make sure that the tool is not in contact with the work piece.
This may damage the work piece or cause personal injury.
- When switching on, the operator should be positioned away from the exposed portion of the disc.

Before polishing, perform a test run with the sander. Take care to ensure that no one is in the immediate area during the test run.

During the test run, make sure that the tool is running normally and that the pad disc is properly set.

WARNING

- Turn the air regulator off and release the lever whenever operations are interrupted, discs are changed, after completion of polishing, and when the air hose is to be disconnected.
- Handle your sander with care. Improper contact with other materials may cause damage to the disc or to the sander. Continuing polishing operations with cracked or damaged discs is hazardous and could result in physical injury. If the polisher is dropped, perform a test run before resuming operation. Make sure that the tool is working properly before continuing.