

TECHNICAL INSTRUCTIONS AIR GRINDERS

REF. : 66799-67 (800 t/mn) / 66800-67 (4000 t/mn) / 66801-67 (22000 t/mn)

IMPORTANT INSTRUCTIONS FOR RECEPTION

- Inspect all the pieces for any damage incurred during shipping.
- Immediately inform the carrier of any damage observed.
- Damage sustained during shipment is not covered by the guarantee.
- The carrier is responsible for all the repair and replacement costs resulting from damage sustained during shipment.

WARNING



- All tools designed for tyre maintenance must only be used by properly trained personnel. The instructions are intended as a supporting resource.
- SCHRADER will accept no responsibility for material or bodily harm resulting from dangerous use of the product, failure to maintain it, or incorrect use of the product or system.
- However, SCHRADER provides a tyre repair course for clients desirous of acquiring the knowledge required for the correct use of its products.
- For further information or enquiries of any kind, please contact the clients department:
☎ +33 (0)3.81.38.56.56

REPAIR - EXAMINATION

Only personnel authorised by Schrader are permitted to make any repairs that may be necessary. **Contact our Post Sale department.** This tool is guaranteed against any manufacturing fault for 12 months as of date of invoice. (parts and labour)

The guarantee excludes:

- Periodic checks, maintenance, repair and replacement of parts following normal use.
- Damage to the equipment attributable to an external cause, shock traces.
- Damage caused by improper use, failure to follow the instructions of use.
- Defective functioning due to normal wear, a failure to make changes or adaptations to the equipment or a failure to maintain the equipment by the user.
- Series number changed, erased, removed or rendered illegible.

SAFETY MEASURES

- Before using the air grinder, check the entire set-up. Check all the components of the device. They must be in perfect condition.
- When repairing a tyre, adhere to all the guidelines and instructions of tool, tyre, rim and vehicle manufacturers.
- Wear suitable individual protective clothing.

To avoid serious injury, when using the tool refer to the pictograms:



Important : Do not wear any scarf, shawl or any other object that could be dragged by the tool. Tie one's hair back.

INSTRUCTIONS FOR USE

1) Destination:

- This tool is adapted for the prepair of the tyre surface in case of tyre repair.

2) Air pressure:

- Always use the clean and dry air to operate the tool at 90 psi(6.5 bar) & do not operate exceed maximum working air pressure at 90psi (6.5 bar)as recommended.
- Use a fitting air hose for connection between the compressor & tools
- The compressed air is cooled and its water content would be sorted when the air blow out from the compressor.
- Part of the water could be compressed in the pipe and could permeate into the tool's mechanism to cause mechanical failures
- It would be strongly recommended to install an air filter, moisture separator, regulator and lubricator among the air supply and the air tools.
- Before connecting the hose to air tools ,please clean firstly the hoses with a blowout of compressed air.
- This will prevent both moisture and dust contented within the hose from entering the tools and causing the possible rust and malfunction

3) Tool:

- The on/off device is designed inside or outside of the grip. It is a "plug-and-run" type device. This tool will stop operation/rotation in a few seconds after relieving the level control.
- The speed set up device is indicated by an arrow mark and integrated with an indication either marked by " H"(high) and "L"(low) or by "+"(high) and "-"(low) rotating the knob to desired speed.
- Always make sure collet size match shank size of accessory.
- Do not use any burr, wheel or other accessory of which maximum operating speed, defined by its manufacturer, is less than the rated speed of the tool.
- To prevent excessive overhang, the mandrel shall be inserted to the full depth of the gripping jaws of the collet and the resulting overhung length shall be no greater than the inserted depth. Make sure that the minimum gripping length of 10 mm is observed.
- Do not use an accessory that is chipped, cracked, non-concentric, excessively worn or otherwise damaged.
- Inspect collet, threads and nut if any damage and wear occurred before mounting this accessory to the tool.
- Thread-on collets shall be securely seated against the driving member.
- Stop immediately if considerable vibration or other defects are detected. Shut off the air supply and determine the cause.
- Improper mounting or damaged insert tool may cause excessive vibration.
- Tool and/or accessories may briefly continue their motion after start and stop device has been released.
- Check the speed and make a simple check of the vibration level after each service.
- Do not use this tool if the actual free speed exceeds the rated speed.
- Take special care when assembling the speed governor or any other protective device.
- Check the free speed of the tool before each job.

4) Maintenance and repairs:

- Before connecting the air hose, it should apply 4 to 5 drops of 65775-67 spindle oil at air inlet. The repeat oiling after 3 to 4 hours operation will be necessary.
- Do the regular check if all the connecting parts are fastened securely properly .It is necessary to go through this check daily before starting your work.
- Do the regular check of the air line supply.
- Dusty and oiling surface on the handle will infected the grip which caused to the reaction torque. Clean the handle with dry clothing is strongly recommended before operation this tool.
- Put the tool in dry and clean environment. If the tool shall not to be used for a period of time , the residual moisture inside of the instrument could cause the rust. Before storing, oil the instrument at air inlet with spindle oil and operate it for a short period is strongly recommended.

EC DECLARATION OF CONFORMITY

The manufacturer certify that the machinery conforms with the essential health and safety requirements of machinery safety Directives 2006/42/EC on the approximation of the laws of the member states relating to the safety of machinery. And comply with the provisions set out in the following European standards:

ISO 12100:2010 (Risk assessment & Risk reduction)

ISO 11148-9:2011 (Safety requirements)

ISO 15744:2002 (Noise level)

ISO 20643:2005 (Vibration level).