

Tornador-PH21

Original-Bedienungsanleitung / Original Instruction Manual



Beispielhafte Abbildung / Exemplary image



BENDEL Werkzeuge GmbH & Co.KG
Wilhelm-Schulze-Str-8-10 ° D-29549 Bad Bevensen

Read and understand these instructions before operating the tool.



General safety instructions and individual safeness

Attention

- You need to read, understand and follow the complete instruction manual and the safety briefing BEFORE USE. Afterwards the instruction needs to be kept at an adequate place, accessible for any user.
- The unit may only be used, cleaned and maintained by persons who understand and follow this instruction.
- The operator must be in physically condition to utilize the tool.
- Improper use or unauthorized modification will cause serious health damage by yourself, somebody else or animals and other property.
- Individual safety instructions from the related countries needs to be observed additional.
- Make sure that the tool is out of range for children or other persons who are not familiar with the handling of the unit. Switching on the device by such persons is dangerous.

Workplace hazards:

- Slipping, stumbling or collapsing are the main reasons for serious or deadly accidents. Take care for hoses and cables which maybe are in the near operating area.
- Maintain a balanced body position and secure footing.
- Cyclic courses of movements, inappropriate posture and constant vibrations will cause fatigue to arms, hands and body.
- High sound levels can lead to permanent hearing loss. Use hearing protection as recommended.
- Avoid breathing in dust or handling debris from work process which can be harmful to your health.
- This tool may only be used and maintained by qualified people who are in the constitutional position to handle the dimension, weight and force of the device.
- This tool is not intended for use in explosive.
- Please consider that the material your tool is made of always can have material tiredness.

Projectile hazards:

- Even small projectiles, for example swirled by air of your tool, can injure eyes and lead to blindness.
- Always wear impact-resistant eye and face protection when involved with or near the operation, repair or maintenance of the tool or changing accessories on the tool.
- Also take care that people surrounding you will follow the instruction to wear impact-resistant eye goggles and face masks.
- Never operate the tool to idle. The free speed may be too fast and increase the risk that accessories can be flung out uncontrollably.
- Only use accessories which is convenient to the tool in dimension and technical requirement.
- In case of a male function switch off the device immediately and provide the tool to an authorized service station to check.
- If you recognize high unusual vibration switch of the unit and look for the reasons. Do not switch on again until before the problem is solved.

Individual safeness:

- Only use the tool in well-rested conditions.
- Always take care what you are doing and use your commonsense.
- Do not use the tool when you are tired or under the influence of medicine, alcohol or drugs. Any carelessness will cause serious hurts.
- Always wear adequate protective clothing and eye protection. Further protection like dust masks, helmets, ear protection, work gloves or nonskid safety shoes may be required. Pls. refer to the pictographs in this manual. Even if these clothing's are not especially required we highly recommend to use them as the risk of injury will decrease formidable.
- Always disconnect the device from power supply when not in use, before changing accessories or maintenance to avoid starting the tool by mistake.
- Always check the unit, cables, accessories and fittings for damages or loose before use.
- Make sure that any spanners or other parts you have used with the tool will be removed before operating.
- Do not super extend and take care on a balanced position and secure footing to control the tool also in unexpected situations.
- Long hairs and loose clothing could tangled up in rotating parts of the device and cause serious hurts.

Electrical safeness:

- Make sure that the plug will fit the wall outlet of your power supply without use of force. Contact an authorized electrician to check if you have any doubts. Do not change anything by your own.
- Avoid physical contact to grounded surfaces during usage.
- Avoid moisture and wetness and do not plug in or use the tool in that kind of environment or when the unit has become wet or moistly. Risk of electrical shock and danger of life !
- Do not carry the unit by the cable.
- Pull out the cable by grabbing the plug and do not just pull the cable. Avoid contact of the cable with sharp edges, the running pad, heat, oil or any other liquids.
- Just use extension cables which are permitted and certified in your country. Use an earth leakage circuit breaker if you intend to use the unit outside. Contact an certified electrician for support.
- Do not plug in the unit or turn it on if you recognize damaged cables, switches or wall outlets.
- Unplug the unit for any carriage, maintenance or change of accessories.
- Keep away the unit from children at any time.
- Unplug the unit when it's not in use.

Maintenance:

- Ask your dealer to change or repair damaged or worn parts. Insist on original spare parts to avoid male function which maybe will harm you or persons surrounding you.
- Check the unit for clearance, cracks, off-set and free-movement of the movable parts before every use. If you recognize any abnormality ask your dealer for support. Pls. consider that the reason of many misadventures and accidents are bad service and bad maintenance.
- Unplug the unit before maintain after usage. We recommend to use an air blow gun to remove dust and dirt. Clean the louvre of the motor housing to avoid overheating in use.
- Do not use wet cloths to avoid electrical shock on next use.

Tools application:

- Polishing surfaces, especially painted surfaces like automobiles/vehicles

Instruction:

- Take care the voltage of your wall outlet will fit the requirements of this unit.
- Only use the tool for the intended application.
- Depending on the delivery status you may have to connect the pad to the unit with the enclosed screw.
- You can fix the operation-switch with the small button on the side of the unit for comfortable use. Press the operation-switch again to stop.
- Check and switch off the unit if you recognize abnormal vibration or noise and fix the troubleshooting before use it again.
- This polisher is equipped with a 21mm orbital stroke for high performance results. The vibration is higher comparing with no orbital units.
- The free-speed is adjustable between 1.700 and 4.200 rpm.

Special instructions:

The written and spoken information and recommendations which we provide to support the purchase/user, are the result of previous experience and the latest findings. Because of the manifold possibilities for use and processing conditions, this information is without obligation and do not constitute a contractual legal relationship or any supplementary obligations of the sales contract.

In any event, the purchaser holds responsibility for checking suitability for the intended use himself. Always read the safety warnings of compounds and polishing agents and contact the manufacturer in case of doubt.

Our liability and responsibility is based exclusively on our general terms and conditions of business and are not expanded on by either this information or the technical advice of our technical field staff.

Environment information:

An electrical devices is a hazardous waste. Do not dispose them in the household garbage.

Pls. consider your local directives or ask your dealer for support how to dispose.



Explanation of the pictographs:

Always use hearing protection, face and eye-protection, dusk-mask, if necessary a hair-net, protective gloves and read / understand the instruction manual.

Technical data

Power supply	240V / 50 Hz
Power consumption min/max. Average consumption	500W / 1.200 W 900 W
Protection class	II
Diameter of the Velcro pas Thread	150mm M8
Free rpm	1.700 – 4.200
Speed regulator	Electronic
Orbital/Stroke	21mm
Weight	2,8 Kgs.
Vibration level	2.6 m/s ²
A weighted emission sound pressure level at the operators position in decibel (LpA)	76 dB/A
A weighted sound power level in decibel (LwA)	87 dB/A
Serial number	PH05001 – PH06000

EG declaration of conformity for machines

Herewith the manufacturer

BENDEL Werkzeuge GmbH & Co.KG
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declares, that the machine **Tornador-PH21** is conform with the legal regulation of the machinery directive EG-RL 2006/42/EG and the directive 2011/65/EU of the European Parliament and the Council on the restriction of use of certain hazardous substances in electrical and electronic equipment : RoHS directive

Based on the test standards of EN 60745-1:2009 and EN60745-2-3: 2011 and EN50581 (09/2012): RoHS-directive

Name and address of the person who is authorized to assort the technical documentation:

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Bad Bevensen, 15.09.2015


Frank Bendel, Managing Director