



Original

Operating instructions with EU Declaration of Conformity

According to EC Machinery Directive 2006/42/II B



for the incomplete machine, which incomplete alone is not functional.

January 2022

Kaitstud / Secured by <https://mereneid.eu/>



by **ebmpapst**

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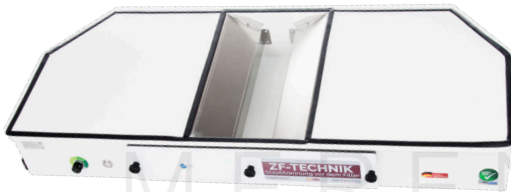
A OPERATING INSTRUCTIONS

A 1 Picture documentation of the unit



Picture no. 1

Front and side view of the nail dust collector with main filter elements



Picture no. 2

Ready-to-install unit with main filter elements and extraction fans



Picture no. 3

Front view with main filter elements and dust collection tray pulled out

NOVA FLAIR GmbH & Co. KG
An der Ronceva 10-12
32312 Lübbecke / Germany



TAIFUN II Premium GreenTech
230V 50-60Hz 158W
Made in Germany 2019 **CE**

Picture no. 4

Illustration of type plate Taifun II Premium GreenTech (example illustration)

A 2 Safety instructions

A 2.1 Intended use

The nail dust collector has been built for installation under a work table or table top and has been developed exclusively for extracting dusts as they occur during work in the nail studio. Any other use beyond this, which does not comply with the accident prevention regulations of the Employer's Liability Insurance Association, is considered improper use. The manufacturer is not liable for any damage resulting from this. In this case, the user must bear the risk alone.



Intended use includes, among other things, observing the respective manufacturer's operating instructions for the system components of the nail dust collector as well as the inspection and maintenance instructions.

The system components are built and linked according to the latest state of the art and the recognised safety rules. Nevertheless, their use may result in hazards for the user or third parties or impairment of the system or other material assets.

Irrespective of the laws and regulations mentioned in these instructions, the respective valid laws and regulations must be observed and the generally recognised rules of technology must be applied.

A 2.2 Organisatorische Maßnahmen

The operating instructions for the Taifun II Premium GreenTech nail dust collector must always be available to the operating and maintenance personnel.



In addition to the operating instructions, generally applicable, company-internal legal and other binding regulations for accident prevention and environmental protection must be observed and instructed. It must be ensured that the filters are regularly cleaned and dry-cleaned according to the operating instructions. If cleaning is no longer possible, the filters must be replaced with the replacement filters specified by the manufacturer. The replaced or clogged filters must be disposed of in accordance with the Closed Sub-

stance Cycle and Waste Management Act. The personnel working on the nail dust collector must have read and understood the operating instructions, especially the chapter on safety instructions, before starting work.

We recommend the management to have the training confirmed by signature.

All safety and danger notices on the machine must be observed.

All safety and danger notices on the machine must be kept completely legible.

In the event of safety-relevant changes to the machine or its operating behaviour, it is imperative that the machine is shut down immediately, the fault rectified and the responsible body or person reported immediately. No changes, additions or conversions may be made to the machine that affect safety without the approval of the manufacturer of the nail dust collector. Prescribed intervals or intervals specified in the operating instructions for recurring tests/inspections must be observed. This also applies to maintenance instructions in the documentation of the component manufacturers.

A 2.3 Selection and qualification of personnel

Only instructed, mentally and physically suitable persons who are at least 16 years old may work on the machine.

Work on electrical equipment of the nail dust collector may only be carried out by a qualified electrician or by a „specially instructed person“ under the guidance and supervision of a qualified electrician in accordance with the electrotechnical regulations. Specialists and instructed persons in this sense are service technicians/customer service of the manufacturer or trained electricians.

A 2.4 Safety instructions for normal operation

In case of commercial use, the nail dust collector must be inspected at least once a year by a competent person in accordance with the following specifications of the Employer's Liability Insurance Association.



BGV A3 „Electrical systems and equipment“.

In addition, the system must be checked regularly, at least once a year, for operational safety in accordance with the requirements of the Operational Safety Ordinance (BetrSichV). The inspections must be documented in accordance with the specifications.

A Safe removal of possible blockages

In the event that a foreign object enters the interior of the housing or the fan motors, proceed as follows. motors, proceed as follows:

- Disconnect the unit from the mains voltage
- Try to remove the foreign body from the outside
- If the foreign object cannot be removed from the outside, the unit must be dismantled and, if necessary, opened by a trained specialist.

» Safety instructions



- Any operation that is not in accordance with the intended use must be refrained from.
- The nail dust collector may only be operated who are mentally and physically fit.
- Make sure that the mains voltage corresponds to the required voltage of 230V.
- The nail dust collector & filters must be cleaned or changed regularly according to the manufacturer's instructions.
- Only the filters listed in the operating instructions and provided by the manufacturer may be used.
- Appropriate measures must be taken to ensure that the nail dust collector is only used in a safe and functional condition.
- Before each use of the nail dust collector, it must be checked for externally visible damage and defects.
- To avoid electric shock or other hazards, never open an electrical enclosure and do not insert any objects into the enclosure.
- The nail dust collector is protected by a built-in fuse. A defective fuse must not be bypassed or replaced with a stronger fuse.
- Safety-relevant damage (e.g. loosened screw connections, defective protective devices, electrical faults, defective operating devices) must be reported to the responsible supervisor or the manufacturer. The latter must then check whether safe use is still possible.
- Repairs may only be carried out by authorised and competent persons.
- Before starting work, every employee must ensure that no one is endangered by the use of the nail dust collector.
- A damaged nail dust collector must be shut down immediately and secured against being put back into operation.

A 2.6 Notes on special hazards

A 2.6.1 Electrical energy

Only use original fuses with prescribed amperage! Make sure that the mains voltage corresponds to the required voltage of 230V. In case of malfunctions in the electrical power supply, switch off the machine immediately.

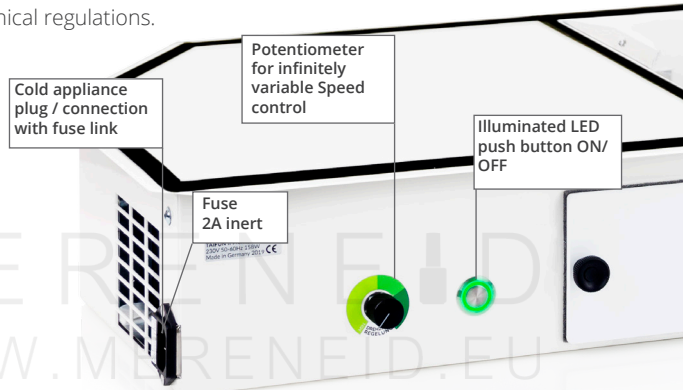


Work on electrical systems or equipment may only be carried out by a qualified electrician or by instructed persons under the direction and supervision of a qualified electrician in accordance with the electrotechnical regulations.

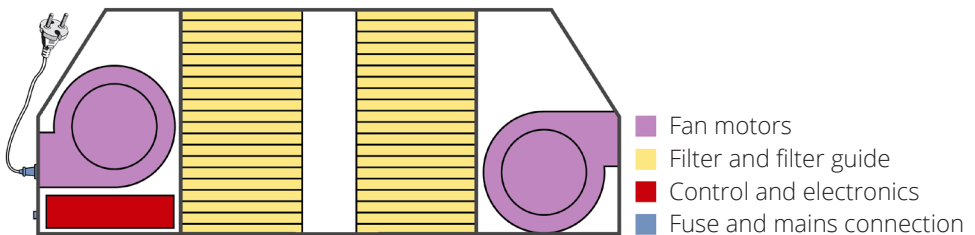
If inspection, maintenance, cleaning and repair work is carried out on parts of the machine, the nail dust collector must be disconnected from the circuit or de-energised by removing the power plug from the socket.

The electrical equipment of the machine must be inspected/checked regularly. Defects, such as loose connections or scorched cables, must be rectified immediately.

Picture no. 5
Front/side view of the nail dust collector with operating devices and mains connection



A 2.6.2 Block diagram/schematic representation of the system



A 2.6.3 Noise

The machine produces only slight, barely perceptible vibrations and noise with a rating level of LAR > 58 dB(A). According to the „Noise and Vibration Occupational Health and Safety Ordinance“, in short LärmVibrationsArbSchV - these are not health hazards.

A 2.7 UWV regulations

The individual Berufsgenossenschaften only issue accident prevention regulations (UWV) relevant to their area. The collection of individual accident prevention regulations published by the Federation of Institutions for Statutory Accident Insurance and Prevention (Hauptverband der gewerblichen Berufsgenossenschaften) includes all of the currently valid accident prevention regulations (UWV) issued by the industrial Berufsgenossenschaften.

Most important accident prevention regulations:

BGV A3

Electrical installations and equipment

BGV A8

Safety and health protection labelling at the workplace

GS-BIA-M02

Principles for the testing and certification of dust removing machines and devices (SBM)

GS-BIA-M06

Principles for testing filters for use in dust removing machines

VDI 3801

Operation of ventilation and air-conditioning systems

VDI 3803

Ventilation systems; constructional and technical requirements

VDI 6022

Hygienic requirements for ventilation and air-conditioning systems

LärmVibrationsArbSchV

Noise & Vibration Occupational Health & Safety Ordinance

A 2.8 Notes on the transport of the unit

To prevent foreign bodies from getting into the unit, the filters should be inserted and the filter openings closed. Also, when transporting the unit, use suitable cardboard packaging to prevent foreign bodies from getting into the nail dust collector, the filters or the motors from above.



Before reassembling the unit, make sure that there are no foreign bodies in the unit itself or in the filters or motors. For reinstallation, the installation instructions prescribed on the following page 8 apply.

A 2.9 Notes on storage of the unit

The unit must always be stored in a dry and dust-free environment. Suitable cardboard packaging should also be used for this purpose.

If the system becomes dirty during storage, it must be cleaned thoroughly before installation and commissioning. This should be done after instruction by a specialist or an instructed person.

A 2.10 Information on decommissioning, dismantling and disposal

When taking individual system components out of operation, the respective manufacturer's operating instructions for the components must be consulted. If individual system components are removed from the network and the system as a whole continues to be operated, attention must be paid to securing possible danger points. If this impairs the safety level of the system in individual areas or as a whole, the manufacturer's CE declaration of conformity is invalid. The responsibility for this lies with the operator.

When dismantling larger plant parts and assemblies, a hazard analysis must be carried out to determine whether any risks arise for employees as a result or in the process. A work plan must specify the work to be carried out in terms of sequence and safe working.

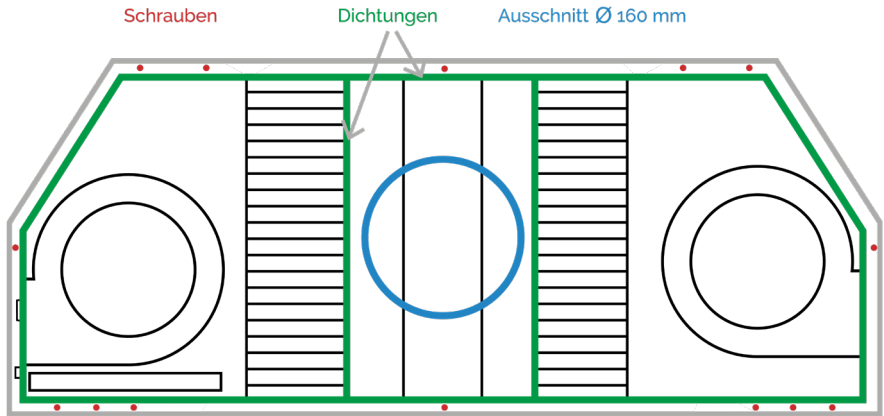
Nova Flair is a registered trademark of the electronic register of old appliances (ear).

Our registration number with the Foundation for Waste Electrical Equipment Register:

WEEE-Reg.-Nr. DE 22364359



B INSTALLATION INSTRUCTIONS AND INSTRUCTIONS FOR USE



1. Carefully unpack the nail dust collector and first check that the black rubber seals on the edges stick properly.
2. Place the nail dust collector on the underside of the table top and adjust it so that the cut-out for the ventilation grille is as central as possible (see sketch).
3. Use the jigsaw etc. to make a cut-out in the centre with a diameter of $\varnothing 160$ mm.
4. Now you can fix the nail dust collector with suitable screws. (not included in the delivery).

Please pay attention to the length of the screws!

If anything is unclear, please contact us via the communication channels known to you. It will then be explained to you again in detail.

Instruction Manual Taifun II Premium GreenTech

Function

The nail dust collector is switched on and off via the green push button.

The speed control is used for stepless adjustment of the power. of the power.

Cleaning

Use the hand screws (knurled screws) to loosen the removable front panel and carefully pull out the activated charcoal lamella filter slowly using a loop.

For this purpose, it is best to use our additionally available dust collection tray.

The activated charcoal lamella filters should be taken

out and cleaned about 2-4 times per month. The remaining coarse dust is simply removed by pulling out the large dust collection tray (optionally available) and disposed of. If there is no dust collection tray, the dust must be sucked out from the inside through the large filter openings with a Hoover and a narrow crevice nozzle attachment or similar.

Also clean or vacuum the lamella filter very carefully on the lower side only (not the clean air side at the top). Do not treat it wet and replace it after approx. one year.

The replacement of the filters and the frequency of cleaning can vary depending on the effort, care and customer volume.

C INFORMATION ABOUT THE SYSTEM / TECHNICAL DATA

Professional nail dust collector for under-table installation

Dust collector	Type Taifun II Premium GreenTech Year of manufacture See type plate of the respective system	Nova Flair GmbH & Co. KG
The above-mentioned dust nail dust collector was combined with individual machine parts from different manufacturers to form an nail dust collector.		

System part	Type and designations	Manufacturer
Electrical Connected loads	230 V	
	50 - 60 Hz	
	160 W	
Aluminium housing	Housing made of anodised aluminium sheet, powder-coated, dimensions W/H/D approx. 85 x 38 x 115 [cm].	
Net weight	8 kg	
Switch/button	Illuminated single-pole ON-OFF push button	
Fuse	2A Inert	Weltron-Elektronik GmbH
Fans	2x Radial blower type R3G146-AH23-01	ebm-papst Mulfingen GmbH & Co. KG
Filter	2x fine dust lamella filter with an activated carbon coating and a filter surface of 3,200 [cm ²] each	
Maximum flow rate	530 [m ³ /h] Air volume flow	
Final pressure difference maximum	420 [Pa]	

D EU DECLARATION OF CONFORMITY

For the product described below:

Subject of the declaration: Professional nail dust collector

Type/Model: Taifun II Premium GreenTech

is hereby declared to be in conformity with the essential requirements set out in the harmonisation legislation identified below:

Document no.	Title
2006/42/EG	Directive 2006/42/EC of the European Parliament and of the Council of 17 May 2006 on machinery and amending Directive 95/16/EC (recast).
2014/30/EU	Directive 2014/30/EU of the European Parliament and of the Council of 26 February 2014 on the harmonisation of the laws of the Member States relating to electromagnetic compatibility (recast).
2011/65/EU	Directive 2011/65/EU of the European Parliament and of the Council of 8 June 2011 on the restriction of the use of certain hazardous substances in electrical and electronic equipment Electronic Equipment (recast)

The above product is compliant with the requirements of the following documents:

Reference	Title	Issue date
Harmonised standards for the Machinery Directives:		
EN ISO 13857	Safety of machinery - Safety distances against reaching from reaching danger zones with the upper and lower limbs	2008-03
EN 61310-1	Safety of machinery - displays, Identification and operation. Part 1: Requirements for visible, audible and tactile signals	2008-02
EN 61310-2	Safety of machinery - displays, Marking and operating - Part 2: Requirements for marking	2008-01
EN 61310-3	Safety of machinery - displays, Marking and operating - Part 3: Requirements for the arrangement and operation of control elements (actuators)	2008-02

Harmonised standards for the EMC Directive:

EN 55014-1	Electromagnetic compatibility - Requirements for household appliances, electric tools and similar apparatus Part 1: Emission	2006-12
EN 55014-1/A1		2009-05
EN 55014-1/A2		2011-09
EN 55014-2	Electromagnetic compatibility - Requirements for household appliances, electric tools and similar apparatus Part 2: Immunity - Product family standard	1997-02
EN 55014-2/AC		1997-12
EN 55014-2/A1		2001-12
EN 55014-2/A2		2008-10
EN 61000-3-2	Electromagnetic compatibility (EMC) Part 3-2: Limits - Limits for harmonic currents (equipment input current ≤ 16 A per conductor)	2014-08
EN 61000-3-3	Electromagnetic compatibility (EMC) Part 3-3: Limits - Limitation of voltage changes & variations and flicker in public low-voltage supply systems for equipment with a rated current ≤ 16 A per conductor and not subject to a special connection condition	2013-08

The declaration is made by:

Name, first name: Herb, Albert

Function: Managing Director/ Authorised Document Officer

The sole responsibility for drawing up this EU declaration of conformity in relation to the fulfilment of the essential requirements and the preparation of the technical documentation shall lie with the manufacturer:

Name: Nova Flair GmbH & Co. KG

Address: An der Ronceva 10-12 | 32312 Lübbecke | Germany

Date **Place** **Company stamp and signature Managing Partner**

01/01/2022 Lübbecke


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A. Herb

Additional information:

1. This declaration applies to all specimens manufactured in accordance with the relevant production drawings - which are part of the technical documentation. Further information on compliance with the above references is given in the supporting documentation attached to the declaration of conformity, supporting documentation attached to the declaration of conformity.



NAIL AND COSMETICS STUDIO FURNITURE AND EQUIPMENT

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