

T40PLUS - T40WPLUS

# Health and safety as standard







ATEX models for Zone 21,22 and 2 make the working environment a safer place



Models in L, M, H class help protect operator's health



Recovery of flour

# T<sup>PLUS</sup> - Working in safety

Safety and health for your working environment - Living in a better working place

Working in a safe and clean place is extremely important. Following this philosophy, the range of industrial vacuums T<sup>PLUS</sup> has been designed to provide manufacturing companies with high and certified safety standards.

The new series of three phase industrial vacuums complies with EN 60335-2-69 – Annex AA and with ATEX directive 94/9/EC.

The range includes 2 main models: T40<sup>PLUS</sup> with a 4kW side-channel blower in series to reach a high vacuum and T40W<sup>PLUS</sup> with a 4 kW side-channel blower in parallel for a high airflow.

All models can be customized according to the different needs, giving customers the opportunity to have a "tailor-made" industrial vacuum.

T<sup>PLUS</sup>, a PLUS in your daily work.







Recovery of grains



Recovery of flour



Collection of epoxy paint powder in total safety



# Benefits right from the first use!

The easiness of use of T<sup>PLUS</sup> makes cleaning operations more efficient and rapid, using less resources

The T<sup>PLUS</sup> industrial vacuum offers the most innovative functional features granting benefits to the operators from the start:

- **ACTIVE SAFETY:** ATEX models allow to work in total safety even in explosion risk areas. Moreover, the stainless steel container avoids the production of sparks. L-M-H class versions are equipped with filters for the collection of toxic dust;
- **CUSTOMIZATION AND MODULARITY:** the T<sup>PLUS</sup> series is modular, suiting the different needs of manufacturing companies. Among the many features: the electric filter shaker, cartridges, the 50 or 100 liters container, the Longopac® system, stainless steel version, cyclone plate or grill & valve, upstream or downstream absolute filter, solid cut-off system and many more;

- **REAL ADVANTAGES:** Nilfisk mission is also to improve working life and satisfaction. The philosophy which has driven the design of this series is time and effort saving. This target has been achieved thanks to the following features:

- the container is removable and fitted with wheels to make disposal operations easier;
- the large wheels allow to easily move the vacuum also on uneven grounds;
- the vacuum gauge monitors filtration efficiency;
- the filter shaker makes filter cleaning fast and easy, cutting maintenance time.

The easiness of use of T<sup>PLUS</sup> makes cleaning operations more efficient and rapid, using less resources.

## Discover the Longopac® system

Longopac® is the never ending bag for you Nilfisk Industrial vacuum. It's the customer's preferred choice when lot of dust has to be recovered and when protecting the operator's health is a must. Indeed, the Longopac® system avoids the risk of dust release both in the discharge and disposal phases.

### What is it?

Longopac® allows to recover the collected material in tubular plastic bags which could be defined "endless"

because, when the material is discharged by gravity at the stopping of the vacuum, the tubular bag can be sealed and cut away.

### Advantages and Benefits

**SAFETY AND HYGIENE:** since the bags are replaced and sealed from the outside – there is no contact with the waste, even in the disposal phase.

**SAVE OF TIME:** the disposal phase is faster, and down-times are dramatically reduced.





Safe recovery of powder even in ATEX environments



General cleaning



A complete range of ATEX and L-M-H industrial vacuums



# Low consumption, high efficiency: introducing the “Green Motor”

The TPlus range can be now equipped with the IE3 motor which performs efficiently with less energy consumption.

This will contribute reducing electricity consumption and, consequently, environment pollution, in line with Nilfisk philosophy: more value for the operators in terms of safety and more value for the environment in terms of protection.

The “green motor” is optional, except for the models in Z21/Z2 where it comes as a standard feature.





# Plus



Vacuum gauge



Manual filter shaker  
(electrical available as option)



Longopac is available in standard and antistatic version



Large wheels



Practical container  
release system

## Technical specifications

Description	Unit	T40 <sup>PLUS</sup>	T40W <sup>PLUS</sup>
Voltage	V	400	400
Frequency	Hz	50	50
Protection class	IP	55	55
Insulation class	Class	F	F
Rated power	kW	4,3	4
Airflow without hose	L/min	5250	8150
Vacuum max	kPa	36	19
Sound pressure level	dB(A)	71	71
Container capacity	L	50-100	50-100
Main filter area	cm <sup>2</sup>	19.500	35.000
Inlet	mm	70	70
Length x Width x Height	cm	129x60x126-154	129x60x136-164
Weight	kg	162	167