

The most compact and fully configurable, ATEX certified threephase vacuum cleaner

Threephase explosion-proof industrial vacuums, compact, steady and ATEX certified and with infiniClean system.

This range is composed by threephase explosion-proof industrial vacuums that can be customized. Two models: CTS with side channel blower for a greater vacuum or CTT with a turbine for a greater airflow. 2,2 or 4 kW power available. This series has a compact design making the vacuum really easy to move into the working area. Top filtering efficiency thanks to the L, M, H class filters that can be chosen by the customer according to the toxicity of the material to recover. The innovative InfiClean system makes it the perfect solution for automated applications. The main filter is automatically and periodically cleaned with the exhaust air without any action required by the operator, keeping the highest level of efficiency and productivity.

- Ideal for continuous use (24/7)
- Silent
- Removable container
- Small, low but steady
- Highly configurable
- ATEX
- InfiClean version: the innovative automatic cartridge filter cleaning system featuring conical cartridges, for every kind of dust

• Standard equipment

Model	CTS22 L100 LC Z21 EXA	CTS22 L100 LC Z21 EXA
Ref. no.	4030600501	4030600501N

PRODUCT FEATURES

Manual filter shaker
 M-class hazardous dust approval
 H-class hazardous dust approval
 HEPA (H14) upstream filtration
 100 l. bin
 L class filter
 50 l. bin
 L-class hazardous dust approval
 5 pin plug
 ATEX category
 InfiClean
 Micro Switch for Remote Control
 M-class filter with glued seams
 Longopac® system

Technical specifications	CTS22 L100 LC Z21 EXA	CTS22 L100 LC Z21 EXA
Voltage (V)		
Frequency (Hz)		
IP protection class		
Insulation class		
Rated power (kW)		
Max. airflow (m³/h - l/min.)		

NILFISK

The most compact and fully configurable, ATEX certified threephase vacuum cleaner

Technical specifications

CTS22 L100 LC Z21 EXA CTS22 L100 LC Z21 EXA

Max. vacuum (kPa - mbar)

Sound pressure level (dB(A))









Main filter area (cm²)

Inlet (mm)









Dimensions, L x W x H (cm)

Weight (kg)

● Standard equipment. ○ Supplementary accessories. □ Mountable equipment

Accessories		Ref. no.	Min. required	CTS22 L100 LC Z21 EXA	CTS22 L100 LC Z21 EXA
Hose and Connection					
	BIFURCATION D70 ATEX II2GD	4072100159	1		
	REDUCTION D70/40 ATEX II2GD	4072100154	1		
	REDUCTION D70/50 ATEX II2GD	4072100155	1		
	REDUCTION WITH REGUL. D70/50 II2GD COMPL.	4072400605	1		
Hose Vacuum Cleaner					
	CONDUCTIVE POLYUR. HOSE D70 3M II2GD	4072400497	1		
	CONDUCTIVE POLYUR. HOSE D70 5M II2GD	4072400498	1		
	CONDUCTIVE POLYUR. HOSE D70 10M II2GD	4072400499	1		
	CONDUCTIVE POLYUR. HOSE D70 15M II2GD	4072400500	1		
	FLEX CONDUCTIVE HOSE D70 5M II2GD COMPL.	4072400657	1		
Accessory Kit					

The most compact and fully configurable, ATEX certified threephase vacuum cleaner

Accessories		Ref. no.	Min. required	CTS22 L100 LC Z21 EXA	CTS22 L100 LC Z21 EXA
	ANTIST. ACCESS. KIT D50 II2GD MACHINE	4072200671	1		
	ANTIST. ACCESSORIES KIT D50 II2GD COMPL	4072200667	1		
	ANTIST. ACCESSORIES KIT D50 II2GD FLOOR	4072200669	1		
	ATEX ACCESSORIES KIT D50 II2GD COMPLETE	4072200663	1		
Vacuum Hose and Connection					
	CONNECTION WITH REGUL.D70 II2GD COMP.	4072400682	1		
	FLEX CONDUCTIVE HOSE D70 3M II2GD COMPL	4072400667	1		
Extension Tube					
	EXTENSION D70 MT.1 ATEX II2GD	4072400717	1		
	HANDGRIP D70 ATEX II2GD COMP.	4072000442	1		
Cone Nozzle					
	CONDUCTIVE CONE D70 II2GD COMPLETE	4072400718	1		
Nozzle					
	MOBILE NOZZLE D70 MM500 II2GD COMPLETE	4072000452	1		