

The first digital and fully modular 3Kw L-M-H Industrial vacuum

Equipped with 3 bypass motors for heavy duty use to control energy consumption due to energy requirement.

Easy to use thanks to the control panel supplying real time data about the vacuum efficiency, it is light but strong. L, M, H certified for the collection of hazardous dust.





The Nilfisk S3 Single Phase Industrial vacuum is equipped with a control panel supplying real-time information about the vacuum efficiency. It is available with 50 or 100 L containers, in stainless steel, with gravity unload system (plastic bag or Longopac), L-M-H certified or with absolute filter for the collection of toxic or fine dust, with nomex filter (ideal in case of collecting of hot substances), with electric filter shaker. This vacuum can be customised to suit any application, from wet vacuuming to asbestos collection.

- 3 bypass motors
- L, M, H certified for the safe collection of hazardous dust
- electric control panel
- electric or manual filter shaker version
- compact vacuum easy to move in the production area
- HEPA H14 absolute filter version
- container release system
- container with castors and handle
- accessory box, cable/pipe holder






Picture shown may not represent model quoted

● Standard equipment

Included accessories		Ref. no.	Min. required	S3N24 HC LP
Hose Vacuum Cleaner				
	AIR HOSE D50MT5+SLEEVES	Z7 22363	1	
Vac Nozzle Dry				
	300MM WHEELED FLOOR NOZZL	Z7 22172	1	
Cone Nozzle				
	RUBBER CONE 50MM	Z7 21010	1	
Crevice Nozzle				
	500MM IRON CREVICE NOZZLE	Z7 21026	1	
Assembly				



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Included accessories		Ref. no.	Min. required	S3N24 HC LP
	GRID AND VALVE D460 FE COMPLETE	Z5 60034	1	
Vacuum Hose and Connection				
	IRON REDUCER 70/50	Z7 22001	1	
Extension Tube				
	HANDGRIP D50 ALUMINIUM COMPLETE	Z7 22025	1	

Model S3N24 HC LP

Ref. no. 4010300442

PRODUCT FEATURES

Manual filter shaker	•
Electrical filter shaker	
Cyclone system	
Stainless steel container	
M-class hazardous dust approval	
H-class hazardous dust approval	•
Uk model	
Power connected indicator	•
HEPA full indicator (electronic)	•
HEPA (H14) upstream filtration	•
100 l. bin	
Automatic shut-off for liquid	
M class filter	•
50 l. bin	•
Stainless steel container & filter chamber	
L-class hazardous dust approval	
Main filter clogged indicator (electronic)	•
Automatic stopping for solids	
Grid and valve	
Fully in stainless steel	
Plastic bag system	



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PRODUCT FEATURES

Suitable for liquids

Longopac® system




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Technical specifications

S3N24 HC LP










Voltage (V)	230
Frequency (Hz)	50-60
IP protection class	44
Insulation class	I
Rated power (kW)	3
Airflow without hose (m³/h - l/m)	460 - 7667
Max. vacuum (kPa - mbar)	17.3 - 173
Sound pressure level (dB(A))	71
Container capacity (L)	Longopac
Main filter area (cm²)	19500
Inlet (mm)	70
Length x width x height (mm)	800x600x1500
Weight (kg)	76

● Standard equipment, ○ Supplementary accessories, □ Mountable equipment

Accessories		Ref. no.	Min. required	S3N24 HC LP
Filter				
	ABSOLUTE FILTER KIT	Z5 60357	1	○
	KIT STAR FILTER D460 CAT.	40000492	1	○
	SAFE BAG D.460 STD WITH	4084001244	1	○
	STAR FILTER D460	Z8 17787	1	○
	STAR FILTER KIT D460	40000338	1	○
Other				
	BRACKET EMPTYING BELT D460 COMPLETE	Z5 36074	1	○
	EMPTYING BELT D460 COMPLETE	Z5 36073	1	○














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


Accessories		Ref. no.	Min. required	S3N24 HC LP
	HARMONIC SPRINGPIN LINK	Z7 20328	1	○
	KIT MECANICAL FLOAT S3B	4056000519	1	○
	TRIM BASKET KIT D460 L100	40000915	1	○
Bag				
	5PCS PAPER BAGS GS82	81584000	1	○
Option				
	BRACKET FOR CONTAINER	4056000394	1	○
	CYCLONE 460MM	Z5 60109	1	○
	KIT LIFTING MS2-S3	4056000493	1	○
	KIT LIQUIDS M.S3	4056000498	1	○
Vac Nozzle Fixed				
	KIT FIX NOZZLE MM600	4056000487	1	○
Assembly				
	GRID AND VALVE D460 FE COMPLETE	Z5 60034	1	○
Accessory Kit				
	INDUSTRIAL ACCESSORY KIT	Z7 24151	1	○
	KIT AC.D50 EQUIPMENTS CLEANING	Z7 24156	1	○
	KIT ACC.D.50 GENERAL CLEANING	Z7 24146	1	○
	KIT INLET FOR PAPER BAG	Z5 60375	1	○















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Accessories		Ref. no.	Min. required	S3N24 HC LP
	KIT INLET X PAPER BAG D.70 COMP.WITH	Z5 60351	1	○
Vacuum Hose and Connection				
	50MM QUICK FITTING	Z7 22187	1	○
	70/50 REDUCER WITH REG.	Z7 22162	1	○
	70MM BENT TUBE	Z7 21032	1	○
	70MM HOSE FITTING	Z7 21001	1	○
	70MM JUNCTION FITTING	Z7 21000	1	○
	BENT TUBE 40MM	Z7 21013	1	○
	BENT TUBE 50MM	Z7 21012	1	○
	BENT TUBE REDUCER	Z7 22015	1	○
	CONNECTION JOINT D40 FE	Z7 21004	1	○
	CONNECTION JOINT D50 INOX	Z7 22241	1	○
	CONNECTION JOINT D70 INOX	Z7 22242	1	○

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Accessories		Ref. no.	Min. required	S3N24 HC LP
	CONNECTION TUBE D70 INOX	Z7 22231	0	○
	IRON REDUCER 70/50	Z7 22001	1	○
	JUNCTION FITTING 50MM	Z7 21002	1	○
	QUICK FITTING 40MM	Z7 22186	1	○
	REDUCER REGULATION	Z7 22164	1	○
	REDUCTION D 70/40	Z7 22002	1	○
	STAINLESS STEEL BENT	Z7 21034	1	○
Cone Nozzle				
	CONIC END D40/50/20 COMPLETE	Z7 22142	1	○
	CONIC END D50/20 COMPLETE	Z7 22141	1	○
	RUBBER CONE 50MM	Z7 21010	1	○
	RUBBER CONE D.40	Z7 21011	1	○
	RUBBER CONE D.70	Z7 21009	1	○

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Accessories		Ref. no.	Min. required	S3N24 HC LP
Crevice Nozzle				
	500MM IRON CREVICE NOZZLE	Z7 21026	1	○
	CREVICE NOZZLE 50MM STEEL	Z7 22023	1	○
	FLAT LANCE D40 ZINC PLT.	Z7 21027	1	○
	FLAT LANCE D50/40 ZINC PLT.	Z7 22021	1	○
	FLAT LANCE D70 MM1000 PVC	Z7 24012	1	○
	FLAT LANCE DIAL D40 FE	Z7 22024	1	○
	FLAT LANCE DIAL D50 FE COMP.DIAL NYLON	Z7 22089	1	○
	IRON FLAT LANCE D.70	Z7 21028	1	○
	IRON FLAT LANCE WITH NYLO	Z7 22088	1	○
	LANCE FITTING D 50 FE	Z7 21075	1	○
	PLASTIC CREVICE 40MM	Z7 24014	1	○
	PLASTIC CREVICE 50MM	Z7 24013	1	○














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Accessories		Ref. no.	Min. required	S3N24 HC LP
	RUBBER NOZZLE 120MM WIDE	Z7 21030	1	○
	SCRAPING NOZZLE 40MM	Z7 22033	1	○
	SCRAPING NOZZLE D40 S.S.	Z7 22277	1	○
	SCRAPING SUCKER D50 FE	Z7 22034	1	○
	SCRAPING SUCKER D50 INOX	Z7 22278	1	○
	SCRAPING SUCKER D70 MM 200	Z7 22090	1	○
Hose and Connection				
	BENT CONNECTION D40 INOX	Z7 21033	1	○
	CONNECTION JOINT D40 INOX	Z7 22240	1	○
	REDUCER D70/40 INOX	Z7 22224	1	○
	REDUCER D70/50 INOX	Z7 22225	1	○
	S.S.REDUCER D70/50 WITH R	Z7 22236	0	○
	TIE D40-60	Z8 40040	1	○















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Accessories		Ref. no.	Min. required	S3N24 HC LP
Extension Tube				
	1M ALUMINIUM TUBE 40MM	Z7 22008	1	○
	1M ALUMINIUM TUBE 50MM	Z7 22005	1	○
	40MM CHROME HANDGRIP	Z7 22121	1	○
	ALUM.EXTENSION D40 MT3	Z7 22006	1	○
	ALUM.EXTENSION D50 MT3	Z7 22003	1	○
	ALUMINIUM EXTENSION D50	Z7 22385	1	○
	ALUMINIUM EXTENSION TUBE	Z7 22004	1	○
	ALUMINIUM EXTENSION TUBE	Z7 22007	1	○
	ALUMINIUM HANDGRIP D40	Z7 22026	1	○
	CHROMED HANDGRIP 50MM	Z7 22122	1	○
	HANDGRIP D50 ALUMINIUM COMPLETE	Z7 22025	1	○
Vac Nozzle Wet				















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Accessories		Ref. no.	Min. required	S3N24 HC LP
	50MM LIQUID NOZZLE 400MM	Z7 22027	1	○
	LIQ.SUCKER D50 MM500 FE	Z7 22167	1	○
Vac Nozzle Dry				
	50 MM FLOOR NOZZLE WITH	Z7 22137	1	○
	300MM WFN WITH STRIP	Z7 22175	1	○
	300MM WHEELED FLOOR NOZZL	Z7 22172	1	○
	400MM WHEEL FLOOR NOZZLE	Z7 22029	1	○
	400MM WHEELED FLOOR NOZZL	Z7 22138	1	○
	ALUMINIUM NOZZLE 40MM	Z7 22031	1	○
	ALUMINIUM NOZZLE 50MM	Z7 22032	1	○
	AUTOBUS SUCKER D50 200 AL. COMPLETE	Z7 22170	1	○
	BRUSH 30* CURVE 220MM	Z7 22193	1	○
	BRUSH 30* CURVE 220MM	Z7 22196	1	○















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Accessories		Ref. no.	Min. required	S3N24 HC LP
	BRUSH 50D MM 400 900	Z7 22040	1	○
	BRUSH 300MM X 50MM	Z7 22039	1	○
	BRUSH D40 MM220 90	Z7 22042	1	○
	BRUSH D40 MM300 90φ	Z7 22043	1	○
	BRUSH D40 MM400 90	Z7 22044	1	○
	BRUSH D50 MM400 30	Z7 22198	1	○
	BRUSH MM400 D40 30^	Z7 22195	1	○
	BRUSH NOZZLE 40mm x 300mm	Z7 22174	1	○
	MOBILE NOZZLE 50MM WFN	Z7 22147	1	○
	MOBILE SUCKER D40	Z7 22171	1	○
	NOZZLE D40 MM400	Z7 22030	1	○
	SUCKER x FURNACES D40	Z7 22272	1	○

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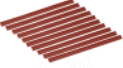



Accessories		Ref. no.	Min. required	S3N24 HC LP
	SUCKER x FURNACES D50 MM4	Z7 22273	1	○
	WALL BRUSH 300MM X 40MM	Z7 22194	1	○
	WALL BRUSH 400MM X 50MM	Z7 22197	1	○
	WHEELED FLOOR NOZZLE	Z7 22148	1	○
Round Brush Nozzle				
	PAINTBRUSH D50/100 STEEL COMPLETE	Z7 22048	1	○
	ROUND BRUSH 50MM	Z7 22047	1	○
Hose Vacuum Cleaner				
	3MT VACUUM HOSE & CUFFS	Z7 22150	1	○
	3MT-LONG AIR HOSE WITH SL	Z7 22062	1	○
	40MM POLY PIPE 3MT	Z7 22297	1	○
	AIR HOSE D40MT3+SLEEVES	Z7 22049	1	○
	AIR HOSE D40MT5+SLEEVES	Z7 22362	1	○

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Accessories		Ref. no.	Min. required	S3N24 HC LP
	AIR HOSE D50MT5+SLEEVES	Z7 22363	1	○
	AIR HOSE D70MT5+SLEEVES	Z7 22364	1	○
	FLEX HOSE D40MT5+SLEEVES	Z7 22360	1	○
	FLEX HOSE D50MT3+SLEEVES	Z7 22151	1	○
	FLEX HOSE D50MT5+SLEEVES	Z7 22361	1	○
	POL HOSE D50 MT5+SLEEVES	Z7 22366	1	○
	POL HOSE D70 MT5+SLEEVES	Z7 22367	1	○
	POLYURETHANE HOSE 3MT	Z7 22298	1	○
	POLYURETHANE HOSE D40 5M +SLEEVES	Z7 22365	1	○
	POLYURETHANE HOSE D70 MT3	Z7 22299	1	○
	TUBE D70 AIR MT3 + SLEEVE	Z7 22063	1	○
Pipe Cleaner Nozzle				
	PIPE BRUSH 100MM DIA	Z7 22131	1	○



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Accessories		Ref. no.	Min. required	S3N24 HC LP
	PIPE BRUSH 100MM DIA	Z7 22132	1	○
Nozzle				
	LIQ.SUCKER D50 MM400 INOX	Z7 22294	1	○
	MOBILE SUCKER RUBBER. 400 MM PACK OF 10	Z8 20295	1	○
	PACK10 RUBBERS FIX.S.mm	Z8 20297	1	○
	PACK 10 STRIP MOBILE S.	Z8 23041	1	○
	SET OF 10 STRIPS	Z8 23040	1	○