

NIC5 AND NIC10 PORTABLE SERIES

NIC5/NIC10 series

Nederman's smallest portable vacuum units for wet and dry materials. NIC5 and NIC10 are designed to make work easier when cleaning, grinding or sanding.

- Easy to handle – compact and lightweight
- Silent
- Powerful single phase motor
- Integrated wheels for increased mobility
- Many accessories

Dimensions and specifications

Frequency: 50/60 Hz. Motor power: 1100 W.

Max flow: 125 m³/h. Max vacuum: 20 kPa.

Noise level (ISO 11201): 75dB(A). Built-in float: standard.

Wheel type: castor wheel.

Add a micro filter (optional) for fine dust (grinding and sanding dust). All collection bins are made in stainless steel AISI 304, except from the plastic bins.

Standard cleaning equipment

All NIC5 and NIC10 units are supplied with a complete cleaning set that includes nozzles for both dry and wet vacuuming.

The set also contains a brush and some special nozzles.



For both wet and dry cleaning.
(Coarse textile filter for dry material to be removed while wet vacuuming.)



Use for	Model	Description	Height mm	Dustbin volume litres	Voltage/Electrical plug	Part no.
		Basic model	510	29/8	EUR 230 V/ standard european	40053200
					DK 230 V/ danish	40053210
					UK 230 V/ UK	40053220
					UK 110 V/ UK	40053230
		Filter indicator, auto start/stop. Cleaning equipment in steel.	690	32/15	EUR 230 V/ standard european	40053400
					DK 230 V/ danish	40053410
					UK 230 V/ UK	40053420
					UK 110 V/ UK	40053430
		Basic model	660	33/20	EUR 230 V/ standard european	40053300
					DK 230 V/ danish	40053310
					UK 230 V/ UK	40053320
					UK 110 V/ UK	40053330
		Auto start/stop	690	32/15	EUR 230 V/ standard european	40054300
					DK 230 V/ danish	40054310
					UK 230 V/ UK	40054320
					UK 110 V/ UK	40054330

NIC20 PORTABLE SERIES



For both wet and dry cleaning.
(Coarse textile filter for dry material to be removed while wet vacuuming.)

NIC20 series

Nederman NIC20 is a rather small portable vacuum unit which can be used for on-tool extraction from grinding and cutting tools, and clean-up on floors and machines.

- Slightly bigger than a NIC10 but still compact and easy to handle
- Twin single phase motors
- Easy to move trolley with large rear wheels
- Many accessories

Dimensions and specifications

Frequency: 50/60 Hz. Motor power: 2x1100 W.

Max flow: 215 m³/h. Max vacuum: 20 kPa. Noise level (ISO 11201): 75dB(A). Built-in float: standard. Wheel type: In rubber with standard tread or without tread. Standard coarse filter. Micro filter and textile filter bag as option. All collection bins are made in stainless steel AISI 304, except from the NIC20 C (plastic) bin.

Standard cleaning equipment

All NIC20 units are supplied with a complete cleaning set that includes nozzles for both dry and wet vacuuming. See the NIC5 and NIC10 portable series, page 71.

Use for	Model	Description	Height mm	Dustbin volume litres	Voltage/Electrical plug	Part no.
		Automatic start/stop for electrical tools (230V only). Cleaning equipment in steel. Filter indicator.	890	78/35	EUR 230 V/ standard european	40053700
					DK 230 V/ danish	40053710
					UK 230 V/ UK	40053720
					UK 110 V/ UK	40053730
		Powerful evacuation pump. Normally used with optional filter bag that handles dust or sludge while water is automatically pumped out.	1010	74/53	EUR 230 V/ standard european	40053800
					DK 230 V/ danish	40053810
					UK 230 V/ UK	40053820
					UK 110 V/ UK	40053830
		An economical choice. Powerful vacuum unit without extra features. Double motor package.	890	66/46	EUR 230 V/ standard european	40053600
					DK 230 V/ danish	40053610
					UK 230 V/ UK	40053620
					UK 110 V/ UK	40053630
		Automatic start/stop for electrical and pneumatic tools. For hazardous materials an optional micro filter (HEPA) is recommended.	890	78/35	EUR 230 V/ standard european	40054400
					DK 230 V/ danish	40054410
					UK 230 V/ UK	40054420
					UK 110 V/ UK	40054430

NIC30 PORTABLE SERIES

NIC30 series

Nederman NIC30 are extremely powerful portable vacuum units which can be used for on-tool extraction from grinding and cutting tools to on-torch extraction of welding fumes, and even for clean-up of floors and machines.

- Extra powerful – three single phase motors
- Compact and easy to handle
- Many accessories

Dimensions and specifications

Frequency: 50/60 Hz.

Motor power: 3x1100 W.

Max flow: 250 m³/h.

Max vacuum: 20 kPa.

Noise level (ISO 11201): 75dB(A).

Built-in float: standard.

Textile coarse filter. Add a micro filter (optional) for fine dust (grinding and sanding dust).

Most collection bins are made in stainless steel AISI 304.

Standard cleaning equipment

The NIC30 models B and I are supplied with a complete cleaning set that includes nozzles for both dry and wet vacuuming. See the NIC5 and NIC10 portable series, page 71.

The NIC30 IB is also supplied with rubber hose.



For both wet and dry cleaning.
(Coarse textile filter for dry material to be removed while wet vacuuming.)

Use for	Model	Description	Height mm	Dustbin volume litres	Voltage/Electrical plug	Part no.
		Filter indicator. Add a microfilter (optional) for hazardous dust. Rubber wheels with standard tread and castor wheels. Cleaning equipment in steel.	890	78/35	EUR 230 V/ standard european	40054100
					DK 230 V/ danish	40054110
					UK 230 V/ UK	4005412040
		3 motors can be started separately to ensure optimal suction power for the available electrical power. Rubber wheels, standard tread and castor wheels.	890	78/35	EUR 230 V/ standard european	054500
					DK 230 V/ danish	40054510
					UK 230 V/ UK	40054520
		Standard oil barrel as body. 200 litre capacity for metal chips and fluids. Coarse filter and float – both wet and dry material. Castor wheels.	1410	200	EUR 230 V/ standard european	40054600
					DK 230 V/ danish	40054610
					UK 230 V/ UK	40054620
	(barrel excluded)	As above but without barrel.			EUR 230 V/ standard european	40056100
					DK 230 V/ danish	40056110
					UK 230 V/ UK	40056120

P160 PORTABLE SERIES



P160 series

Nederman P160 are light weight vacuum units ideal for industrial floor cleaning and on-tool extraction for small grinders and sanders.

- Easy to handle
- Powerful single phase motor
- High filtration efficiency
- Long filter lifetime (4-6000 hours) with bag filters
- Light weight
- Low operating and maintenance costs
- Many accessories
- Micro filter as option

Dimensions and specifications

Frequency: 50/60 Hz.

Motor power: 1200 W.

Max flow: 160 m³/h.

Max vacuum: 22 kPa.

Noise level (ISO 11201): 75dB(A).

Dust bin volume: 21/14 l.

Weight: 19 kg.

Height: 1160 mm.

Connection 50 mm flap valve.

Cleaning equipment

Standard

The versatile standard equipment is delivered with P160 I.



Heavy Duty

The more robust heavy duty equipment is designed for long durability under hard and frequent use.



Use for	Model	Description	Cleaning Equipment	Voltage/Electrical plug	Part no.
	P160 B 	Fine filter cartridge and filter indicator. Add a microfilter (optional) for hazardous dust. Inflatable wheels with heavy tread and castor wheels. Auto start/stop.	heavy duty	EUR 230 V/ standard european	40054700
				DK 230 V/ danish	40054710
				UK 230 V/ UK	40054720
				UK 110 V/ UK	40054730
	P160 I 	Easy to clean textile bag filters. Add a microfilter (optional) for the finest particles. Auto start/stop for electrical tools. Rubber wheels with standard tread and castor wheels.	standard	EUR 230 V/ standard european	40055000
				DK 230 V/ danish	40055010
				UK 230 V/ UK	40055020
				UK 110 V/ U	40055030

P300 PORTABLE SERIES

P300 series

- Optimal suction power – twin single phase motors
- Robust but easy to transport
- High filtration efficiency
- Long filter lifetime (4-6000 hours) with bag filters
- Ergonomic trolley with adjustable handle
- Convenient accessory box for brushes, nozzles etc, on the rear of the unit
- Micro filter as option
- Adjustable handle



Dimensions and specifications

Frequency: 50/60 Hz.
 Motor power: 2 x1100 W.
 Max flow: 300 m³/h.
 Max vacuum: 20 kPa.
 Noise level (ISO 11201): 75dB(A).
 Dust bin volume: 32/28 l.
 Weight: 36kg.
 Height/Width/Depth: 1230/600/580 mm.
 Connection 50 mm flap valve.

Cleaning equipment

Standard

The versatile **standard** equipment is delivered with P300 I.



Heavy Duty

The more robust **heavy duty** equipment is designed for long durability under hard and frequent use.



Use for	Model	Description	Cleaning Equipment	Voltage/Electrical plug	Part no.
	P300 B 	Cartridge filter. Filter indicator. Easy to move at a building site. Inflatable wheels with heavy tread and castor wheel. Auto start/stop.	heavy duty	EUR 230 V/ standard european	40055100
				DK 230 V/ danish	40055110
				UK 230 V/ UK	40055120
				UK 110 V/ UK	40055130
	P300 I 	Easy to clean textile bag filters. Add a micro-filter (optional) for the finest particles. Auto start/stop for electrical, 230V tools and pneumatic tools. Filter cleaning. Rubber wheels, standard tread and castor wheels.	standard	EUR 230 V/ standard european	40055400
				DK 230 V/ danish	40055410
				UK 230 V/ UK	40055420
				UK 110 V/ U	40055430

P30 AND P55 PORTABLE SERIES



P30 and P55 series

These three phase units are efficient, economical and easy to handle. They are very easy to dismantle and clean. The location of the (optional) micro filter prevents contamination of the pump. The forward/reverse switch saves time when moving between work sites with different phase sequence.

- Easy to handle
- High filtration efficiency
- Long filter lifetime (4-6000 hours) with bag filters
- Low noise level
- Long motor lifetime
- Micro filter as option

Dimensions and specifications

Frequency: 50/60 Hz. Max vacuum: 30 kPa. Motor power: 3 kW (P30) and 5,5 kW (P55). Height/Width/Depth: 1200/640/950 mm. Filter cleaning: Yes. Casing: Steel. Dust bin volume: 32/28 l, except P30 IXL 50 l. Model specific: noise level (ISO 11201) for P30: 71 dB(A) for P55: 72dB(A). Connection 50 mm flap valve.

Cleaning equipment

Standard

The versatile standard equipment is delivered with P30 I and P55 I.



Heavy Duty

The more robust heavy duty equipment is designed for long durability under hard and frequent use.



Use for	Model	Description	Cleaning equipment	Motor power W	Weight Kg	Voltage (at 50 Hz)	Part no.
	 P30 B	Cartridge filter. A manometer indicates need for filter cleaning. A 3kW side channel fan – outstanding extraction capacity. Rubber pneumatic wheels – easy to transport.	Heavy duty	3000/3500	74	400 V	40055500
						230 V	40055510
	 P30 I	Easy to clean textile bag filters with lifetime of 4-6000 hours. Add a microfilter (optional) for the finest particles.	Standard	3000/3500	74	400 V	40055800
						230 V	40055810
	 P30 IXL	Coarse filter. Extra large dust bin with handle and wheels. A net in the bin separates fluids from metal chips. Fluids can easily be drained out of the bin through a valve.	Heavy duty	3000/3500	76	400 V	40055700
						230 V	40055710
	 P55 B	Cartridge filter. 5.5 kW side channel fan. Pneumatic wheels and a rigid, but light, frame – easy to transport. A manometer indicates the need for filter cleaning.	Heavy duty	5500/6300	101	400 V	40055900
						230 V	40055910
	 P55 I	Large wheels and a low center of gravity – easy to move. High capacity and efficient filter system with long life time.	Standard	5500/6300	101	400 V	40056000
						230 V	40056010

COMPRESSED AIR POWER UNITS

For safe use in hazardous areas

Nederman compressed air powered vacuum units have no moving parts, no motor and no rotating pumps. The special design of the ejector system gives very efficient vacuum and airflow output. As there are no electric parts included in the products, they are intrinsically safe for use in all types of industries.

The high performance compressed air powered vacuum units can collect all types of material; dusts, granules or liquids. These rugged and powerful units can extract everything passing the suction hose.

P160 CA, P300 CA and P55 CA

- Safe use in hazardous areas
- Extracts all types of material
- Low service costs



P221 Ex and P252 Ex

- Safe use in hazardous areas – approved according to the ATEX directive
- Extracts all types of material
- Low service costs

Special units approved according to the ATEX directive have been designed for operation in gas explosion hazardous areas 1 and 2, as well as dust explosion hazardous areas 21 and 22. All parts in these Ex-approved units are made of antistatic or conductive materials. The Ex-approved units are all equipped with absolute/HEPA quality filters.

Models with vacuums up to 52 kPa and airflows up to maximum 342 Nm³/hour can be supplied.



Further details on request.

Model	Max Vacuum kPa	Max air flow m ³ /h	Compressed air consumption m ³ /min	Air pressure bar	Microfilter	Part no.
P160 CA	20	125	0.7	7	optional	40056280
P300 CA	20	275	1.3	7	optional	40056290
P55 CA	29	320	2.2	7	optional	40056300
P221 Ex	21	306	1.0	7	included	40056260
P252 Ex	52	342	3.0	7	included	40056270

Nederman can offer a unique service of direct deliveries from our central warehouse. We have more than 2000 products in stock **ready for immediate delivery**. These are indicated with **bold part numbers** throughout the catalogue.

ACCESSORIES FOR PORTABLES



Micro filter



Bag filter



Cartridge filter



Coarse filter



Textile filter bag



Paper bag

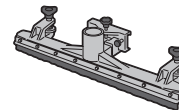


Plastic bin liner

Filters	NIC					Part no.
	NIC5/NIC10	NIC20	NIC30	P160	P300	
Micro filter cartridge	X					40117230
Coarse filter polyester		X	X		X	40119670
Micro filter cartridge		X	X			40117290
Micro filter holder NIC	X	X	X			40117070
Coarse filter polyester cone shaped	X			X		40117100
Coarse filter polyester cylinder shaped	X					40117260
Bag filter pack polypropylene				X		40114250
Bag filter pack antistatic				X		40114260
Cartridge filter				X		40114130
Micro filter cartridge				X		40114100
Bag filter pack polypropylene					X	40119951
Bag filter pack antistatic					X	40114150
Micro filter cartridge					X	40119970
Bag filter pack polypropylene					X	40114160
Bag filter pack antistatic					X	40114170
Micro filter cartridge					X	40114110
Micro filter cartridge					X	40114120
Bag filter pack polypropylene					X	40114180
Bag filter pack antistatic					X	40114190
Cartridge filter				X	X	40114140

Filters	NIC					Part no.
	NIC5/NIC10	NIC20	NIC30	P160	P300	
Accessories basket	X	X				40196380
Fixed floor nozzle with bristles		X	X			40110610
Fixed floor nozzle rubber rim		X	X			40110620
Paper bag	X					40117210
Paper bag		X	X			40117220
Textile filter bag					X	40119990
Textile filter bag		X	X			40119991
Textile filter bag	X					40119992
Textile filter bag				X		40119993
Plastic bin liner				X		40110870
Plastic bin liner				X	X	40115011

*) only for NIC10



Fixed floor nozzle



Accessories basket

PRE-SEPERATORS



Why a pre-separator?

- reduced risk of blocking up pipes and filter system
- low installation costs
- conversion possibilities
- avoid mixing of materials

Portable pre-separator WS40

Portable pre-separator with float and stainless steel container. Inlet for NIC cleaning equipment and 50 mm outlet. Coarse filter or micro filter (NIC20 type) can be fitted (optional). Tank size 78/35 litres.

Portable pre-separator FA7

Portable pre-separator, used to separate abrasive or larger objects and also for water and cutting fluids. Pre-separator with cyclone inlet and large rubber wheels. Available with 78/35 litre bin.

Pre-separator	Dustbin volume l	Capacity m ³ /h	Part no.
WS40	35	300	40110600
FA7 - 301	30	400	40110100
FA7 - 701	70	400	40110140