

P30 I and P55 I

Designed for professional handling of hazardous dust



Nederman P30 I



Nederman P55 I

To inhale fresh air and to have a clean workplace, isn't that what we all want? After all, a working environment without dust or other contaminants contributes to wellbeing and better health for the employees and a longer working life for machines. This is a precondition for increased productivity and improved quality. P30 I and P55 I combines high performance, mobility and economy.

Nederman P30 I and P55 I are efficient, economical and easy to handle. They are very easy to dismantle and clean. The location of the (optional) micro filter before the vacuum pump prevents contamination of the pump. The forward/reverse switch saves time when moving between work sites with different phase sequence. The low noise level makes the models highly suitable for cleaning operations in noise sensitive industrial environments.

P30 I: The bag filters are easy to clean and have a lifetime of 4-6000 hours. With a micro filter (optional) the unit will filtrate very fine particles.

P55 I: The big wheels and the low centre of gravity make this unit easy to move. The high capacity combined with a filter system that is efficient and has an extremely long lifetime, makes this machine useful in most applications with dust from tools or cleaning operations.

- High filtration capacity
- Easy to clean and change filters
- Low running costs
- Low noise level

Filter cleaning



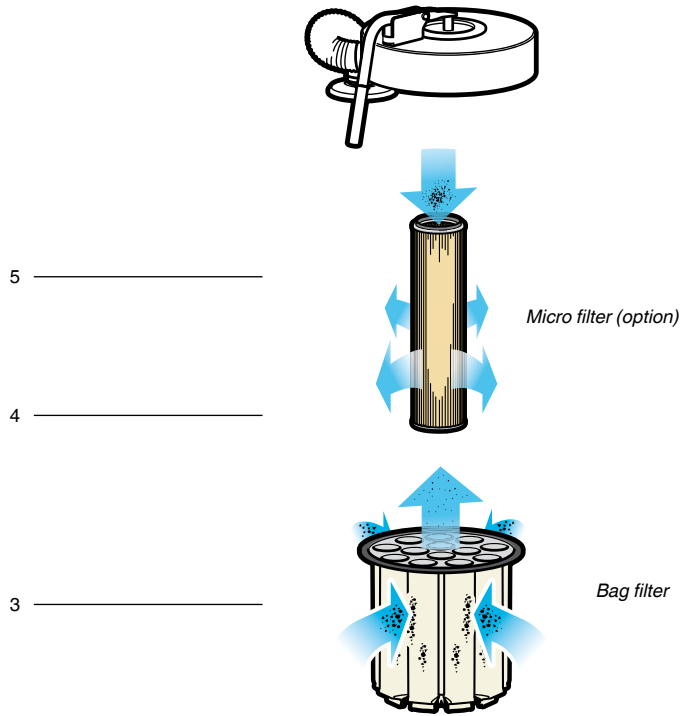
1. Pushing the cleaning lever allows air under atmospheric pressure to flow through the bag filter at high velocity in reverse direction - Reverse air pulse. Repeat 3-4 times.

2. The bag filter rapidly expands and the dust particles are forced off the filter surface

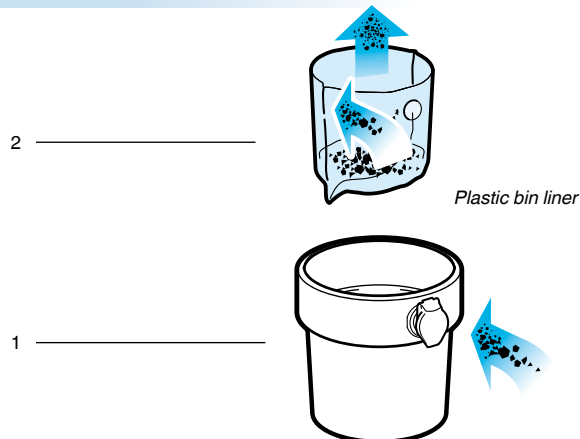
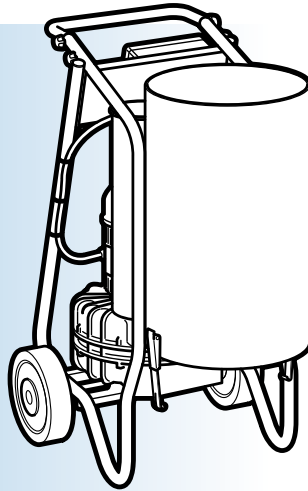
3. Optional micro filter

4. Dust particles fall down into the dust bin

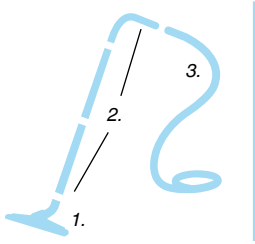
The filter system



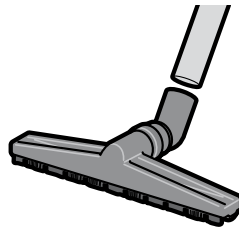
1. Dust particles are vacuumed into the filter system.
2. Heavier particles are separated and fall into the textile filter bag or the plastic bin liner. The textile filter bag has a high filter efficiency (95%) and can also handle wet materials.
3. Fine particles are captured on the outside of the bag filter. The filter captures particles down to the size of 1 micron. The bag filter is cleanable giving a longer lifetime (4000-6000 working hours).
4. A micro filter separates the smallest, finest and most dangerous particles. Filter efficiency 99,997% at 0,3 micron.
5. Clean air recirculates.



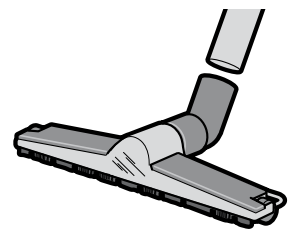
Cleaning equipment



1. Nozzle
2. Tube
3. Hose



STANDARD CLEANING EQUIPMENT
The versatile standard equipment is delivered with 93 l.



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

Technical Data P30 I and P55 I

Model specific	P30 I	P55 I
Voltage	3x400 V	3x400 V
Frequency	50/60 Hz	50/60 Hz
Maximum vacuum	30 kPa (120 in.W.G)	30 kPa (120 in.W.G)
Height/weight/Depth	1200/640/950 mm 47/25/37 in.	1200/640/950 mm 47/25/37 in.
Filter cleaning	Yes	Yes
Casing	Steel	Steel
Motor power (W)	3000/3500	5500/6300
Maximum flow m ³ /h (cfm)	240 (141)	360 (212)
Noise level (ISO 11201)	71 dB (A)	72 dB (A)
Auto start/stop electrical	Option (PAS30)	No
Dust bin volume	35/28 l (9.1/7.3 gal)	35/28 l (9.1/7.3 gal)
Weight	74 kg (163 lb)	101 kg (223 lb)
Pressure meter	No	No
Wheel type	A + B	A + B

FILTER		
Bag filter	Yes	Yes
Micro filter	Optional	Optional
BAG		
Textile bag filter	Optional	Optional
Plastic bin liner	Yes	Yes
Cleaning equipment	Standard	Heavy duty

Wheel type legend



Castor wheel



In rubber with standard threading

Environmental data

- Automatic start/stop saves energy.
- Solvent-free lacquering process.
- Bromine free plastic parts marked for recycling.
- Recyclable 81- 85 % (weight).

P30 I	Part no.
P30 I 400 V 50 Hz	40055800
P30 I 230 V 50 Hz	40055810
P30 I 208 V 60 Hz	40055820
P30 I 230 V 60 Hz	40055830
P30 I 460 V 60 Hz	40055840
P30 I 575 V 60 Hz	40055850
P55 I	Part no.
P55 I 400 V 50 Hz	40056000
P55 I 208 V 60 Hz	40056020
P55 I 230 V 60 Hz	40056030
P55 I 460 V 60 Hz	40056040
P55 I 575 V 60 Hz	40056050

High filtration capacity:

- Fine filters with high filtration capacity (95%)
- Micro filter as option

Long filter lifetime:

- Cleanable fine filters with smooth surface
- High filtration efficiency ""protects"" the micro filter
- Efficient filter cleaning

Low running costs:

- Filter lifetime 4-6000 working hours
- Long lifetime blower (20-25000 hours)
- Sturdy frame work

Safe to use:

- High filtration efficiency
- CE-approved
- All filters before fan
- Plastic bin liner protected by bin

Easy to operate:

- Good weight/capacity ratio
- Easy to clean filters
- Easy to change filters
- Well balanced
- Manual phase shifter
- Lifting hook

High extraction power:

- Max vacuum -30 kPa / 120 in. W.G.
- Always clean filters

Lower noise level:

- 71 dB(A) for P30 I and 72dB(A) for P55 I