

## P160 I

**Nederman P160 I is a light weight vacuum unit ideal for industrial floor cleaning and on-tool extraction for small grinders and sanders**

---



*Nederman P160 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.

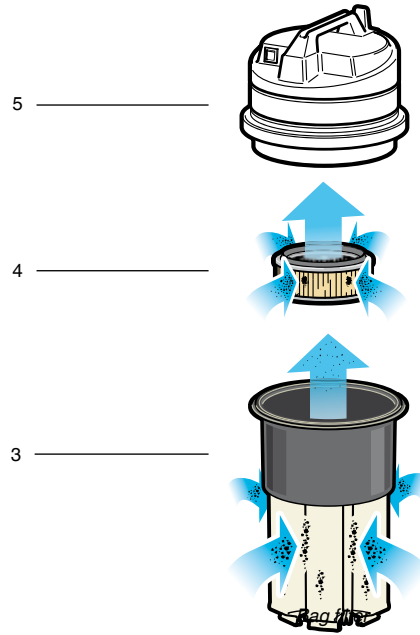
P160 I makes work easier whether you are cleaning, grinding or welding.

Fine dust cannot be eliminated by using brushes or air guns – on the contrary, these redistribute dust around the work area. If the dust is extracted immediately at source, this problem can be eliminated and the environment for both people and machines will be greatly improved. The Nederman high vacuum dust extraction unit P160 I is ideal when you have quality standards for effective cleaning and dust removal. You'll also appreciate its light weight, ease-of-handling and low operating and maintenance costs. The bag filters are easy to clean and have a lifetime of 4-6000 hours. With a micro filter (option) the unit will filtrate also the finest particles. The auto start/stop for electrical tools is very useful in industrial applications.

- Easy to operate
- Safe to use
- Long filter lifetime
- Low running costs



## The filter system



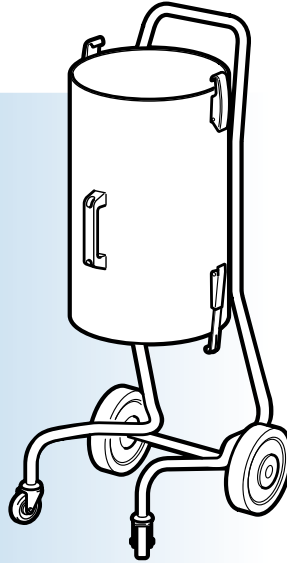
1. Dust particles are vacuumed into the filter system.

2. Heavier particles are separated and fall into the plastic bin liner.

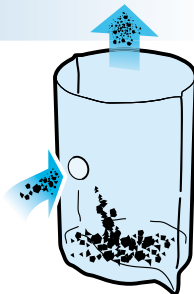
3. Fine particles are captured on the outside of the bag filter. The filter captures particles down to the size of 1 micron. The bag filter is cleanable giving a longer lifetime (4000-6000 working hours).

4. A micro filter separates the smallest, finest and most dangerous particles. Filter efficiency 99,997% at 0,3 micron.

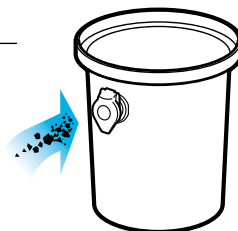
5. Clean air recirculates.



2 —————



1 —————



## Technical Data P160 I

Model specific	P160 I
Voltage	110/230 V
Frequency	50/60 Hz
Motor power	1200 W
Maximum flow m <sup>3</sup> /h (cfm)	160 (94)
Maximum vacuum	22 kPa / 88 in. W.G.
Noise level (ISO 11201)	75 dB (A)
Dust bin volume	21/14 l 5.5/3 gal
Weight	19 kg / 42 lb
Height/width/depth	1160/400/48 mm 46/16/2 in.
Auto start/stop electrical	Yes
Wheel type	A + B
Filter cleaning	Yes
Casing	Steel

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

### 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).

P160 I	Part no.
P160 I DK	40055010
P160 I UK	40055020
P160 I UK 110V	40055030
P160 I US/CAN	40055040
P160 I EUR	40055000
P160 I EUR Wall	40055050

#### High filtration efficiency:

- Standard equipped with fine filter with an optional micro filter

#### Long filter lifetime:

- Cleanable fine filters
- High filtration efficiency "protects" the micro filter

#### Low running costs:

- Filter life-time 4-6000 working hours
- Cleanable fine filter
- Automatic start/stop
- High quality frame and body work

#### Safe to use:

- Very high filtration efficiency
- CE-approved
- All filters before fan

#### Wide range of applications:

- Suitable for floor cleaning, on-tool extraction from small grinders, sanders, etc. as well as on-torch welding extraction

#### Easy to operate:

- Automatic start/stop
- Light weight
- Air filled wheels
- Easy to clean filters
- Easy to change filters
- Quick connection hose couplers
- Cleaning set included

#### Less noise:

- Automatic start/stop

#### Always optimal suction power:

- Cleanable fine filters

#### High filtration capacity:

- Fine filters with high filtration capacity (98%)
- Micro filter as option

#### Extended motor lifetime:

- Automatic start/stop
- Motor separately cooled