

The NT 80/1 B1 MS safety vacuum cleaner avoid the risk of possible dust explosions caused by gunpowder or black powder. In addition combustible dusts and category M hazardous dust have to be vacuumed away immediately since it is risky if they deposit. For vacuuming such dusts a B1 proofed safety vacuum cleaner like the NT 80/1 B1 MS is needed (European approval of 94/9 EC (ATEX)).

**Order no.: 1.667-202.0**



### Technical data

Air flow rate (l/s)	56
Vacuum (mbar/kPa)	235/23.5
Container capacity (l)	80
Max. intake performance (W)	max. 1380
Standard nominal width (mm)	40
Length of cord access. (m)	10
Sound pressure level (dB(A))	70
Weight (kg)	32
Dimensions (L x W x H) (mm)	660x520x1078

## Details

### Description

The NT 80/1 B1 MS (IP 54 approved) is a powerful, one-engined wet/dry vacuum cleaner with an intake cartridge air filter for the turbine and a cartridge type filter and paper filter bag as a pre-filtration (both filters are approved for dust class M). It is used for vacuuming medium hazardous dusts with MAK > 0.1 mg/m<sup>3</sup>. This unit features a compact fan housing, equipped with a continuous antistatic system, a stainless steel container and with complete accessory. If maximum liquid capacity is reached during wet pick-up, a double float system will stop the air flow rate to prevent overflow. When filter or suction unit - like suction hose, tubes, floor tool - are clogged or the air flow rate is lower than 20 m/s the signal lamp will indicate it. On the back side of the unit a floor tool holder is integrated. Two large back wheels and two castors (electrically conductive) - one with brake - give the NT 80/1 B1 MS high mobility.

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### Application

This special wet and dry vacuum cleaner is a particularly user-friendly unit suitable and approved for removing gunpowder, blackpowder or similar high explosive powder/ dusts as well as combustible dusts in zone 22 or category M hazardous dusts and normal liquids. Propellant powder residue is watered in the water bath and rendered harmless in the moist/ wet state. An automatic water level control allows the unit to be operated only when there is sufficient water in the container. For shooting stands of military, police, gun powder or blackpowder industries, contract cleaners.

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### Features & Benefits

\* High grade rubber-insulated power cord. Very durable, non-kinking and abrasion resistant. For tough applications and a long service life \* Housing made of impact resistant plastics. Low weight for effortless operation, withstands high loads and knocks. \* Large flat tray for tools on motor head. Tools (portable drill, orbital sander) can be put down safely and are always within reach without stooping \* On-board holders for power cord and accessories. Avoid soiling and damage, user has everything within easy reach

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## Accessories

### All-purpose brushes

#### Multipurpose brush, ID 40, B1

Natural bristles (cattle hair), bristle element 120 x 45 mm, non-interchangeable

Order no. 4.763-242.0



### All-purpose nozzles (wet/dry)

#### All-purpose nozzle

Aluminium floor nozzle, earthed, non-interchangeable, 370 mm, height-adjustable,

Order no. 4.130-399.0



### Bend metal

#### Bend, metal

Bend ID 40 for use at NT-cleaners, connection between suction hose and suction tube of the same ID for a better handling.

Order no. 4.036-032.0



### Cartridge filter paper

#### Cartridge filter

Paper / metal, inlet filter

Order no. 6.414-808.0



## Cartridge filter paper

### Cartridge filter

Paper, dust class M approved

Order no. 6.904-134.0



### Cartridge filter

Paper, BIA-C dust class M approved

Order no. 6.904-325.0



## Crevice nozzles

### Crevice nozzle DN 40

Plastic, non-interchangeable

Order no. 4.763-243.0



## Suction hoses complete

### Suction hose, complete

Electrically conductive, DN 40, 4 m, non-interchangeable

Order no. 4.440-558.0



### Suction hose complete DN 40, 8 m, el

Electrically conductive, DN 40, 8 m, non-interchangeable

Order no. 4.440-815.0



Safety vacuum systems

## NT 80/1 B1 MS



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### Suction tubes metal

#### Suction tube, DN 40, 1 m

Suction tube ID 35 for use at dry cleaners, made of plastic.

Order no. 4.025-372.0

