

Safety vacuum systems

NT 80/1 B1 MS

Overview

The NT 80/1 B1 M S safety vacuum cleaner avoid the risk of possible dust explosions caused by gunpowder, black powder or similar as well as combustible dusts and category M hazardous dusts must not be allowed to settle.

They must be vacuumed away immediately by a B1 M S proofed safety vacuum cleaner as specially NT 80/1 B1 M S, European approval of 94/9 EC (ATEX).

Order no. 1.667-202.0



Standard accessories

Suction hose
4 m
, Filter bag
Paper, Safety filter set
, Wet and dry floor tool
370 mm
, Crevice tool
, Antistatic system, Stainless steel container
, Electronic level monitor, Electrically conductive hose connection, Mechanical double float shutdown, Metal bend, Cartridge filter
Paper, Bumper bar, Metal suction tube, 1 x 1.0 m
, Push handle, Safety class
I, Caster with brake

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	29.5
Dimensions (L x W x H) mm	660x520x1078

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Description

The NT 80/1 B1 M S (IP 54 approved) is a powerful wet and dry single motor vacuum cleaner with an intake cartridge air filter specially for the turbine and cartridge type filter as main filter (approved for dust class M), for vacuuming propellant powders as well as combustible dusts and medium hazardous dusts with MAK > 0.1 mg/m³.

This unit features a compact fan housing, equipped with a continuous antistatic system, a stainless steel container and with complete accessory.

A double float system for mechanical stop of the air flow rate will stop the vacuuming if the maximum liquid capacity is reached during wet pick-up to prevent overflow.

A new automatic water level control allows only to operate the machine.

A control lamp will be indicated if the cartridge filter or the suction unit as suction hose, tubes, floor tool will be clogged or the air flow rate will be decline under 20 m/s.

The machine has on the back side a floor tool holder, two large back wheels and two castors (electrically conductive), one with brake, make the NT 80/1 B1 M S highly mobile.

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 as well as category M hazardous dusts or normal liquids, too as a wet vacuum cleaner only.

Propellant powder residue is watered in the water bath and rendered harmless in the moist/ wet state.

A new automatic water level control allows the unit to be operated only when there is sufficient water in the container.

For Shooting Stands in Military, Police station, gun powder or blackpowder working commercial & industries, contract cleaners

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

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On-board holders for power cord and accessories
Avoid soiling and damage. User has everything within easy reach.

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 ID 40 non inter.

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, BIA-C dust class M approved
Order no. 6.904-325.0



Cartridge filter NT 801+80/1 B1M+S

BIA- (U,S,G,C) approved, dust class M
Order no. 6.904-134.0



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Cartridge filter

Paper/metal, air inlet filter
Order no. 6.414-808.0



Crevice nozzles

Crevice nozzle DN 40

Plastic, non-interchangeable
Order no. 4.763-243.0



Paper filter bags (two-ply)

Paper filter bags NT 48/1 , NT 65/2 Eco + NT 72/2 Eco Tc

BIA-C, dust class M approved, 3-ply, reinforced outer ply, tear resistant
Order no. 6.904-285.0



Special filter bags, wet filter bags

Special wet and dry filter bags NT 801 NT 80/1 5 pcs

Approved for dust class L, general cleaning, wet and dry, tear-resistant
Order no. 6.904-251.0



Suction hoses complete

Suction hose complete DN 40, 8 m, el

electroconductive, DN 40, 8 m, non-interchangeable
Order no. 4.440-815.0



Suction hose complete DN 40, 4 m, el

electroconductive, DN 40, 4 m, non-interchangeable
Order no. 4.440-558.0



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Suction tubes metal

Suction tube ID 40 1m

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

Order no. 4.025-372.0

