

The Clean Air Company

Protecting People, Planet and Production from the harmful effects of industrial processes





Extraction & Filtration Technology Division

*Protecting people, planet and production
from harmful effects of industrial processes*



Nederman

Nederman Extraction & Filtration Technology

Nederman



Sales,
Billion kronor

1,8

Part of group
sales, %

50

Average number
of employees

1000



We deliver our knowledge through providing capabilities in three areas



We focus on eco-efficient solutions within selected business segments

Welding

Machining

Vehicle Repair shops

Emergency

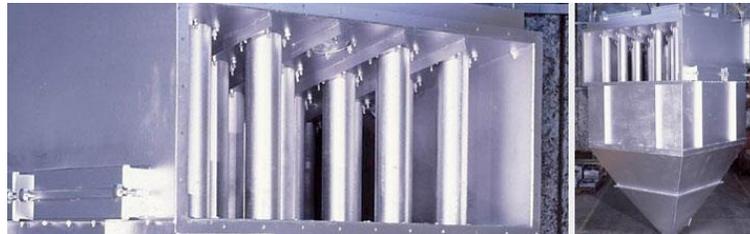


Asphalt

Biomass

Composite

Crematories



Wood

Smelters

Foundry

Agriculture



Food

Laboratories

Minerals

Pharmaceutical

Waste management & recycling

Focus segments and applications



Welding



VRS / Emergency



Wood



General Dust



Composite



Oil Mist

PRODUCT RANGE
WITH
APPLICATIONS

Fume Eliminator

- Industry – Automotive, Construction and infrastructure
- Use and purpose - Extract Fumes Direct at Source
- Application - Off shore welding applications, mobile welding Stations eg : structural welding, ONGC, Mazgaon dock Railways, JSWSL, JBM, Fabrication industries
- Capacity -150CMH(High Vacuum)
- USP-Auto start on/off with the on torch compact portable welding
- Customer Benefits - Small & Light Weight, Hence Easy to Carry
- Benefits against Competition – **No competition for this product in India**



Weld Filter –C10/C20

- Industry – Automotive, Construction and infrastructure
- Use and purpose - Mobile unit, offering easy, trouble-free operation and flexible access
- Applications – Welding Fume extraction Eg ABB, Heat & Control, Schwing stetter, Medha traction etc, Also excellent for Fabrication industries , manual welding stations
- Capacity -850CMH/1700CMH
- USP- Higher efficiency filtration
- Customer Benefits - Includes 3 meter (10 ft.) long Extraction Arm which has unbeatable manoeuvrability, Cartridge filter with high filtration efficiency and easy to replace, Cleanable cartridge ensures low operation cost , Equipped with Motor overload protection device to protect people and product , Highly efficient compact fan gives large air volume while low energy consumption
- Benefits against Competition – **life of the cartridges more**, higher cleaning efficiency



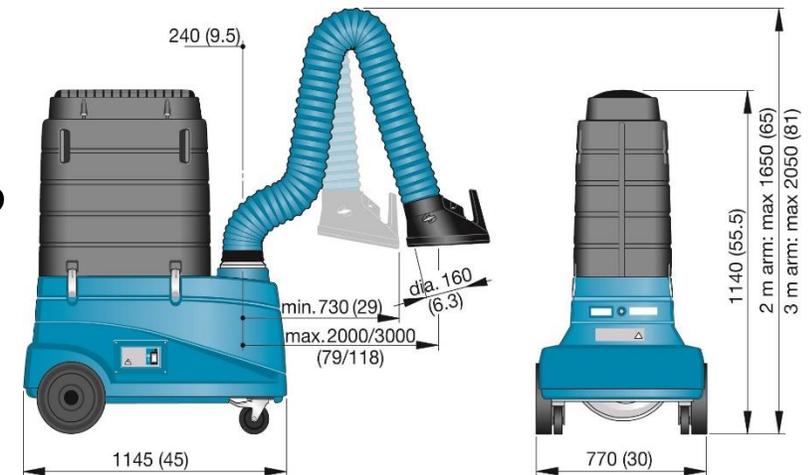
Filter Box

- Industry –Manufacturing, Food, Pharma, Pesticide, Brazing
- Use and purpose - Welding, Cutting, Grinding, Sanding & Handling of Powders, dust , ABB, JCB, Parker, Camso Load Star, Suvidha Engrs, Alstom transport
- Capacity -1000/1300CMH / 1700 CMH (Twin)
- **USP - Manual/Automatic cleaning in 3 modes (Cleaning cycle can be set)**
- Customer Benefits – mobile or stationary use, manual/Automatic cleaning in 3 modes, Dust free filter replacement and emptying of dust bin, Control box with LCD display , heap filter as option, Automatic damper preventing dust from leaking out while cleaning
- Benefits against Competition –Less floor space , life of the cartridges more, higher cleaning efficiency, recyclable as per OHSAS
- Optional HEPA filter can be added



Filter Cart

- Industry – Manufacturing, Food, Pharma , Chemical, FMCG
- Use and purpose – Welding fumes , Gaseous fumes/odour
- Example of Company & Applications - where is application, Atlas Copco, Alstom, TTP Radiator, MPP technologies, AQ Mechanical
- Capacity -1000 CMH
- USP – Compact, adaptable
- Customer Benefits-Portable, manual cleaning
- Benefits against Competition – Less floor space , life of the cartridges more, higher cleaning efficiency



MFS Filter

- Industry –Manufacturing, Food, Pharma , Chemical ,FMCG
- Example of Company & Applications - Hindustan Unilever, VSRC Trivandrum, TIG welding, lab extraction, food ingredients, odour, Humiseal chemical industries
- Capacity -500 CMH
- USP - Compact , Can be wall mounted
- Customer Benefits - compact system , cleaned air can be released inside, Can filter dust, fume and odour.
- Benefits against Competition – ease of maintenance , replaceable cartridge,



Welding Table/Curtains

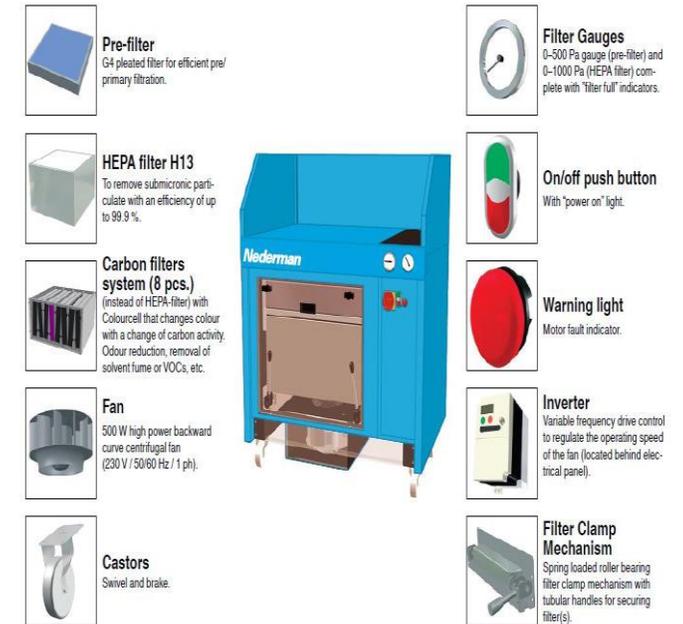
- Industry –Manufacturing, Training centres
- Example of Company & Applications - CNH, AQ Mechanical, Fronius, Indcom systems Madan udyog
- 3 difeerent sizes of tables, various sizes of curtains
- USP – Curtain operation can be automated
- Benefits against Competition –

For welding table - downdraft suction enabling coarse dust settlement on the bottom and fumes getting evacuated through system



Filter Bench

- Industry –Manufacturing, fabrication
- Example of Company & Applications - Bajaj, Honda Motor , Volvo,-welding/buffing, Polishing / grinding
- Capacity -2300,4600,6900CMH
- USP - Single unit with inbuilt filter, Compact
- Customer Benefits – Eliminates need of separate filtration unit hence saving on space. Cleaned air can be released inside
- Benefits against Competition –HEPA filter can be mounted, lesser space needed for footprint



Bench Top Arms, kits, Accessories

- Industry –Chemical, Soldering , brazing
- Example of Company & Applications - John Bro, Mylan lab, Metrix Corporation, Akzonobe, Indpro Engg, High tech laboratory, precision industries , soldering, glueing, Brazing, coating, wax melting
- Capacity – up to 300 CMH
- USP – 360 degree rotation making it approachable from the source.
- Benefits against Competition – available in ATEX complied –ESD/Ex, Chemical /Standard



Hose reels, cable reels, guns

- Industry –All engineering, food industries, Dairy industry
- Example of Company & Applications - Cadbury, Mondelez, ITC
- Capacity – Different ratings
- USP – Food Grade stainless steel construction
- Customer Benefits – Large range with different capacities in hose reel and cable reel
- Benefits against Competition – available in SS/Atex complied



Extraction Arms , Extension brackets

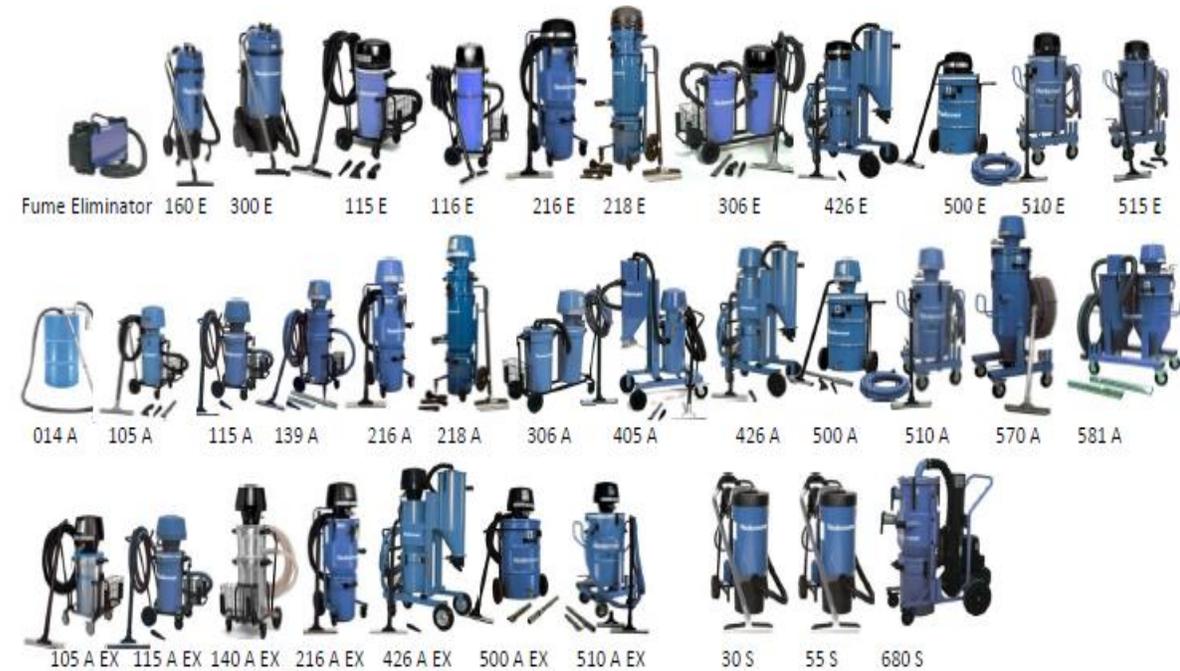


- Industry –All engineering industries, Pharma, Food
- Applications - Dust & Fume extraction
- USP – Conductivity resistance, 360 Degree rotation
- Benefits against Competition – Models available for combustible dust, Gas, Fumes



Vacuum cleaners

- Industry –All engineering industries
- Example of Company & Applications - Jotun paints, Vesuvius India, Deccan Chemicals
- Capacity – different sizes according to usage and models available
- Range – Models for handling swarf, dust, granulate, oil, chips, powder, grits.
- Atex models available for handling combustible dust



High Temperature Hoses

- Industry –Automobile Industries, workshops, Engine test beds
- Example of Company & Applications - Tata Motors , Hyundai motor, Maruti , Honda , QA lab testing
- Capacity – various capacities from 2 wheelers to mining trucks
- USP- Solutions from 100 degree to 1500 degree Celsius with different sizes (custom built)
- Benefits against Competition –we have motorised reels upto 300 degree and competition does not have for higher temperature range and size



The value we create for our customers through our products:

- Health & Safety
- Compliance of laws & regulations
- Production efficiency
- Reduced environmental impact



THANK YOU

The Clean Air Company

Protecting People, Planet and Production from the harmful effects of industrial processes

