

CARTRIDGE BOOTH SOLUTIONS

Nordson

Nordson's cartridge booth solutions with automatic or manual powder spray, recovery and conditioning, benefit from over 20 years of experience



Nordson's range of cartridge booth solutions are designed to suit your needs for powder coating applications with approximately three colours or less.

For single colour or spray to waste applications a fixed cartridge recovery module (NCB) is used. The module is directly connected to the spray booth canopy, and has an integral direct drive fan to provide powder extraction in the booth.

For applications with more than one colour, a system with a mobile removable cartridge filter module is used (NQCB), to allow modules dedicated to different colours to be simply attached to the system. The extraction airflow from the booth is provided by a fan stand unit above the module which does not need to be removed during colour change. Fitted as standard to NCB and NQCB systems are integral final filters to allow exhaust air to be returned safely back to the factory environment. The fan stand unit also contains the direct drive fan and cartridge filter cleaning system.

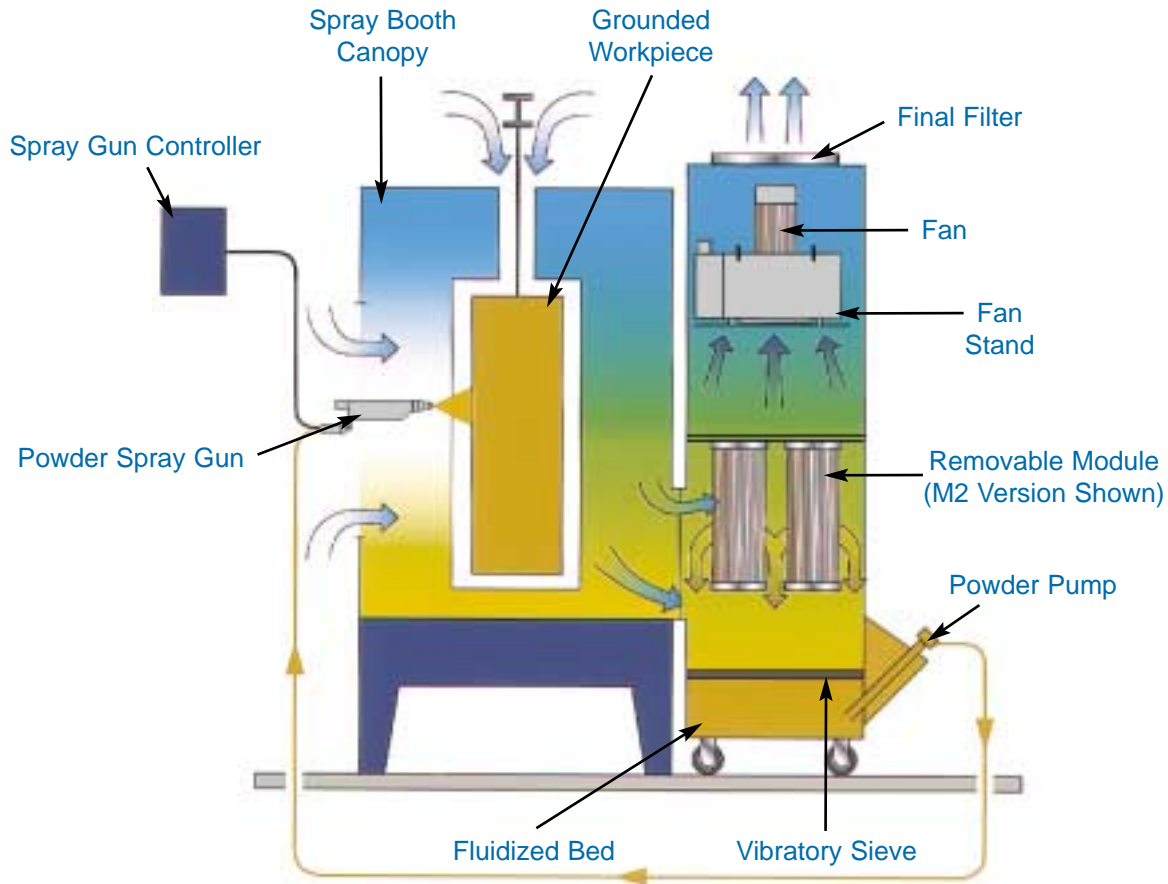
Each NCB or NQCB module connects directly to the spray booth, which is made from stainless steel, or PVC to a bespoke design suited to each application.

To meet EU regulations, powder is recycled back to each colour module by a booth base sweeper or integral booth hoppers.

Features & Benefits

- Minimal powder recycling and handling losses.
- Compact system - small factory footprint.
- Choose from dedicated spray to waste, vibratory sieve, or high quality rotary sieve colour modules.
- High efficiency filter cartridges (99.98 % separation of particles of 4 μ and over).
- Proven installation base all over the world.
- Optional roll on / roll off line.
- Optional fully PLC controlled.
- Fully CE compliant.
- Suitable for organic powder or porcelain enamel.
- Over 99% system efficiency.
- Of an open design, no need for explosion relief.

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MODULE	APPLICATION
NCB	Spray to waste or single colour applications, non-removable module.
M1	Spray to waste or single colour applications, removable module.
M2	Integral vibratory powder sieve fitted, integral feed hopper and optional virgin feed, removable module.
M4	Integral rotary powder sieve fitted for higher quality coatings, integral powder feed hopper, optional virgin feed, removable module.

Nordson reserves the right to make design changes to products and components to improve their function. These changes may occur between catalog printings.

For more information, talk with your Nordson representative or contact your Nordson regional headquarters office.

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