

 **JOHN BROOKS**

Spray



Spray Solutions, Where Precision Matters

Spray performance impacts efficiency, quality, and safety. John Brooks delivers precision spray solutions designed to control coverage, droplet size, and consistency across demanding and complex applications.

What it means for our partners:

Process-driven spray selection and optimization.

Broad nozzle and system configurations.

Proven results in efficiency, quality, and waste reduction.

Contact us for a free consultation or to request more information:

1-877-624-5757 • industrialsales@johnbrooks.ca

Industries Served



Food & Beverage



Oil & Gas



Pulp & Paper



Power & Energy



Water & Wastewater



General Manufacturing



Mining & Metals



Transportation



General Industry



Chemical & Biochemical



Pharmaceutical



Why John Brooks?

With decades of industry experience, we take a process-first approach to spray applications. Our team works upstream to understand coverage requirements, droplet size, and operating conditions to ensure optimal spray performance.

By combining deep application expertise, trusted spray technologies, and long-term post-sale support, we help customers improve efficiency, consistency, and process outcomes.

Application Expertise. Trusted Technologies. Long-term Performance

Pump • Spray • Valve • Filtration

johnbrooks.ca

Applications

Washing
Rinsing
Coating
Lubrication
Humidification
Dust suppression
Gas conditioning/scrubbing
Odor control
Chilling
Fire protection
Sanitization
Snowmaking

Applications

Coating
Glazing
Lubrication
Mold release
Cleaning
Dust suppression
Disinfection
Odor control
Gas conditioning/scrubbing
Snowmaking
Humidification

Applications

Coating
Glazing
Lubrication
Mold release
Disinfection odor control
Gas conditioning/scrubbing
Humidification

Hydraulic Atomizing Nozzles

Certification(s): Available upon request*



Description

- Liquid pressure creates pattern

Spray Pattern

- Flat fan
- Full cone
- Hollow cone
- Solid stream
- Misting/fog



Air Atomizing Nozzles

Certification(s): Available upon request*



Description

- Liquid and air pressure create pattern

Spray Pattern

- Flat fan
- Full cone
- Hollow cone
- Misting/fog



Precision Spray Nozzles and Automation

Certification(s): Available upon request*



Description

- Liquid and liquid/air pressure with precise on/off control creates pattern and coverage

Spray Pattern

- Flat fan
- Full cone
- Hollow cone
- Solid stream
- Misting/fog



Shower Bars, Lances & Quills

Certification(s): Available upon request*



Description

- Multiple nozzle pipe assemblies for large area coverage, lances and quills for insertion into process streams

Spray Pattern

- Flat fan
- Full cone
- Hollow cone
- Solid stream
- Misting/fog



Tank Cleaning Equipment

Certification(s): Available upon request*



Description

- Dynamic, high-impact cleaning patterns for tanks and vessels

Spray Pattern

- Flat fan
- Full cone
- Solid stream



Pulp and Paper Spray Products

Certification(s): Available upon request*



Description

- Specialty nozzles and equipment for manufacturing of paper and pulp

Spray Pattern

- Flat fan
- Full cone
- Hollow cone
- Solid stream
- Misting/fog



Applications

Washing
Rinsing
Coating
Lubrication
Humidification
Dust suppression
Gas conditioning/scrubbing
Odor control
Chilling and fire protection
Sanitization
Snowmaking

Applications

Small/medium/large tank interior washing
Attenuation tank interior washing
Barrel and tote interior cleaning
Rail car and OTR trailer interior cleaning

Applications

Felt and wire cleaning
Trimming
Cutting
Moistening
Static elimination
Humidification
Trim water preparation
Steam joints
Paper carrier rope

Applications

Washdown
Rinsing
Cleaning

Washdown Spray Guns

Certification(s): Available upon request*

Dynablast MAXX

Description

- Efficient, ergonomic, effective manual clean-up spray guns

Spray Pattern

- Flat fan
- Hollow cone
- Solid stream



Applications

Can and bottle drying
Pouch drying
Conveyor blow-off
Machined parts drying/blow-off
General blow-off duty

High Efficiency Blower Packages

Certification(s): Available upon request*

JETAIR TECHNOLOGIES, LLC

Description

- Energy efficient blowers and air knives for blow-off and product drying.

Spray Pattern

- Flat fan
- Full cone



Applications

Cabinet/panel cooling
Can and bottle drying
Pouch drying
Conveyings small parts
Conveyor blow-off
Machined parts drying/blow-off
Personnel clean-up
General blow-off duty

Compressed Air Blow-Off Solutions

Certification(s): Available upon request*

EXAIR

Description

- Cost effective air knife, air amplifier, air nozzle, cabinet cooling solutions

Spray Pattern

- Flat fan
- Full cone



Portable Ventilators

Certification(s): Available upon request*

CURTISS-WRIGHT COPPLUS

Description

- Confined space ventilation fans, cooling



Applications

Provide fresh air and/or evacuate dangerous gases from confined spaces
Cooling of production areas and personnel

Instrumentation & Monitoring Solutions

Certification(s): Available upon request*

WINIERS Instruments +GF+

TECHNICAL

Description

- Pressure, temperature, and flow meter solutions



Applications

Process vessel pressure
Level, and temperature monitoring
Pipeline flow
Pressure
Temperature monitoring

Engineered Plastic Nozzle Systems

Certification(s): Available upon request*

Uni-Spray Systems Inc.

Description

- Cost effective engineered plastic nozzles/systems for automotive, plating, chemical handling

Spray Pattern

- Flat fan
- Full cone
- Hollow cone
- Solid stream



Applications

Pre-treatment
Rinsing
Post-treatment spray applications
Contaminant removal
Flooding
Soaking
Final rinse

Custom Engineered Spray Systems



Description

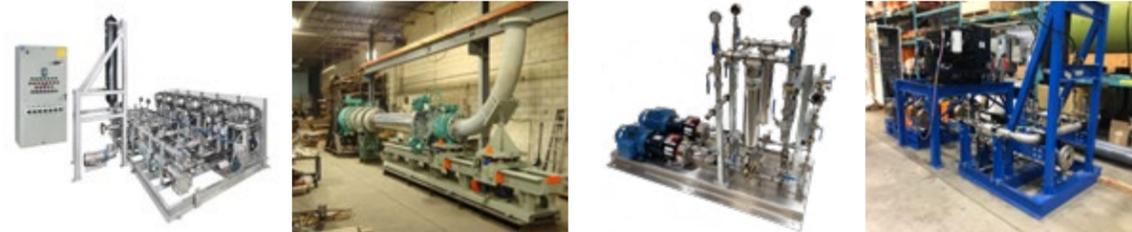
- Complete process packages, with controls, skid or container mounted

Spray Pattern

- Flat fan
- Full cone
- Hollow cone
- Solid stream
- Misting/fog

Packages

- Gas cooling and conditioning packages
- Humidification systems
- Oscillating high pressure shower systems



***Certifications:** UL/FM, UL/ULC, UL/cUL, UL508, CSA, CSA/cUL, CRN, Lloyd's Register, PED, NSF-61, NSF/ANSI/CAN, NACE (Various), ASME B31.1, ASME B31.3, ASME Section IX, ATEX, IECEx, CE, 3-A, FDA, EHEDG, USP Class VI, cGMP, Q-doc, DNV ISO-9001, ISO-9001, ISO-14001, OSHA, ROHS

Your complete connection to fluid handling solutions.

Pump • Spray • Valve • Filtration

Since 1938, John Brooks has been helping engineering teams, contractors, plant operators and municipal infrastructure professionals keep their operations flowing. Leveraging integrated solutions, engineered products and proven technical expertise, we support the full lifecycle of fluid handling systems from design and specification through installation and ongoing performance.

Pump

Whether you're looking for a positive displacement or centrifugal pump, we'll help you select and specify the fluid handling technology that best suits your application. By working closely with you to understand your process, fluid characteristics, system requirements, and product expectations, we determine which pump technology best suits your needs. With our extensive portfolio of leading global manufacturers in both categories, we can match you with the right pump to meet your overall requirements.

What we offer:

- Extensive portfolio from leading global manufacturers plus Canadian service and parts support.
- Simple base sets to custom pump packages with controls, piping, valves and enclosures designed and fabricated to your application requirements.
- OEM and aftermarket parts, onsite service and maintenance programs.
- Applications spanning general industrial, municipal water/wastewater, food and beverage processing, oil and gas, and mining.

Valves

Without properly engineered valves, even the best systems fall short. We help complete your fluid handling ecosystem with the right valves, controls, and automation. Our team selects and integrates fit for purpose solutions that deliver reliable, efficient performance.

What we offer:

- Comprehensive valve portfolio including automated and manual valves, full assembly and testing in-house.
- Our own fabrication facility supports custom skids and assemblies, giving you a streamlined solution.
- Ideal for flow regulation, safety shut-off, control logic, municipal and industrial systems.
- We manage everything: valves, controls, integration, service.

Filtration

Filtration plays a critical role in protecting equipment, ensuring compliance and maintaining fluid integrity. We provide everything from bag-and-cartridge filters to engineered vessels and skids, all backed by expert selection and support.

What we offer:

- Bag filters, cartridge filters, strainers, and self-cleaning systems for a range of applications.
- Large-scale engineered solutions fabricated in-house for fluid handling, process and environmental systems.
- Leading manufacturer partnerships that deliver consistent, long-term support and performance.
- Integrated systems with our pumps and valves for seamless performance.



