Total Spraying Solutions

Exporting Total Spraying Solutions to the World . . .

www.spraynozzle.com.au
www.spraynozzle.co.nz
YOUR NOZZLES ARE AS IMPORTANT TO US AS THEY ARE TO YOU

Spray Nozzle solutions are absolutely critical to industry. At Spray Nozzle Engineering we have a leading team of experts able to help you find the right solution to ease product production and scheduled maintenance. Whether the product requires blowing, drying, coating, cleaning, foam application, wash down or water conservation, we will be able to supply a solution to suit. Spray Nozzle Engineering manufactures patented nozzle products which are recognised world wide. We also manufacture and supply reels, water saving spray guns and C.I.P. tank washing heads.

Not only do we represent Australasia’s largest range of leading Nozzle manufacturers from around the world, we also stand alone amongst our competitors as the only local specialist manufacturer of unique patented nozzle products which are exported to the World.

Our own range of manufactured products include New Safer Spray Dry Nozzle Technology, rotating Tank Washing Nozzles - “The M-Series” and the superb range of specially designed Paper Mill Nozzles in Ruby, Ceramic, along with many other types of non-standard process applications.

our goals

SERVICE
Continue to produce the same prompt service that has made us a market leader for two decades. Providing ongoing support to help customers select the right spray nozzles for the job.

TECHNOLOGY
Advice that continues to introduce new technology and custom designs, with the support of fully equipped spray nozzle test laboratories for pattern analysis and spray droplet size testing.

DESIGN
In-house 3D CAD drawing design department and full engineering design service, allows custom design solutions.

QUALITY
With both in-house QA systems and partnering with ISO accredited suppliers, on-time quality supply is a high priority.

SOLUTIONS
Provide hands on problem solving, engineering and application know how, with the technology backup and expert product selection to provide truly engineered solutions for your applications.

PROMPT SUPPLY
Maintain a large stock offering well over 20,000 different spray nozzles and associated products for quick product turnaround.
Customer Satisfaction is our ultimate goal with products to suit your application

**FOOD BEVERAGE / PACKAGING**
- Spray Drying
- Washdown / Foam Application
- Pasteurisation / Cooling
- Conveyor Lubrication
- C.I.P - Tank Washing
- Coating
- Blowing / Drying

**MINING / MINERAL PROCESSING**
- Dust Suppression
- Pollution Control
- Evaporative Cooling
- Quenching / Leeching
- Washing / Screening
- Lubrication

**POLLUTION CONTROL / WATER TREATMENT**
- Wet Scrubbers
- Packing Distribution
- Cooling
- Quenching
- FGD-(Flue Gas Desulphurisation)
- Odour Control

**PULP & PAPER**
- Coating / Washing
- Moisture Control
- Trim / Deckle
- Humidification
- Adhesive
- Air Blowing
- Tank Cleaning

**FIRE PROTECTION / SPECIAL HAZARD**
- Special Hazard
- Vehicle / Marine
- Tunnels
- Extinguisher
- Hose Reels
- Patented Protection Cap
- Blow Off Foil Orifice Cap

**INDUSTRIAL / CHEMICAL PROCESSING**
- Coating
- Cooling
- Washing
- Drying
- Humidity Control
- Effluent Control
- Lubrication

**STEEL SMELTING**
- Castor Cooling
- Pollution Control
- Lubrication
- Pre-Treatment
- Descaling
- Air Blowing

**PHARMACEUTICAL**
- Washdown / Foam Application
- Tablet Coating
- Cleaning
- Sanitising
- C.I.P - Tank Washing
- Drying / Blowing

**AUTOMOTIVE**
- Coating
- Washing
- Pre-Treatment
- Foam Suppression
- Agitation / Educting
- Blowing / Drying

total spraying solutions
Total Spraying Solutions
For All Your Spraying Needs

No matter the application, Spray Nozzle Engineering has a solution to your spraying needs. Whether it be spraying, cleaning, cooling, coating, fire protection or conveying, we have an extensive range of both, Fluid, Air or Air Atomising nozzles in standard materials and sizes or customised to meet operational or environmental needs.

“Spray Nozzle Engineering can assist you in nozzle selection and layout, as well as working with you to determine the most efficient system to reduce your Air and Water consumption or overall energy use.”

Clean In Place & Tank Washing
Eliminate Confined Space Entry Hazard
Reduce Cleaning Time • Use Less Water / Chemical

NEW M–SERIES
ROTATING CLEANING HEADS

• Patented Flow Step™ Technology, Channels Water Streams and Maintain Impact, Reduces Misting

• Unique Self Cleaning feature incorporating Downward Jet

• Operation via C.I.P. Solution – No Bearings or Motors

• Available for Tanks 1m – 4m Radius (Pressure Dependant)

• PVDF/316SS, Acetal/316SS or Teflon/316SS construction optional

• Custom Flow Rates available

TANK CLEANING NOZZLES IN
"ALL SHAPES & SIZES"

• Fixed & Rotating Nozzles from 180° to 360° Patterns

• Low & High Pressure Units, Fluid - various drive options

• Small Tank Diameters to Large Vessels, Rail/Shipping

• Portable & Fixed Units - C.I.P Hose Reel Management System available

• Full Hygienic Specifications for Pharmaceutical & Critical Hygiene Cleaning

• Unique Fixed ‘Cluster’ & ‘Non-Clog’ Spiral Nozzles available

• All applications including Wineries, Dairy, Beverage, Food, Chemical & more
Air Nozzles, Guns & Silencers
Safe • Noise Reducing • Cost Saving

AIR NOZZLES
- Lower Air Consumption by 30 - 50%
- Cut Noise Levels by half
- Documented Energy Savings
- Widest range of Safety Air Nozzles available

SAFETY GUNS
- Patented Low Noise Technology
- High Efficiency - High Safety
- Cannot be Dead-Ended Against Skin
- Meets & Exceeds OH&S Standards
- Largest range of guns available - inlet ¼" to ¾"

SILENCERS
- Reduce Exhaust Impulse Noise by up to 30%
- Remove Harmful Oil Mist Atomisation from work place
- Low Clog Designs to reduce back pressure
- Silencers to suit from ½" up to 2" connection sizes

CLICK&DRY™
Spray Dryer Nozzle Technology developed with Safety & Compliance in mind

Do your Spray Nozzles give you
- O-ring sealing technology meeting system pressure standards?
- A.S.M.E code compliance?
- Yield strength safety levels?
- Operating pressure ‘Factor of Safety’?
- In-built Check Valve “Anti-Drip” technology?
- Anti Galling “Low Thread Binding” designs?
- “Reduced Bearding” cap innovation?
- Handling & Cleaning tools to save time & money?

IF NOT - you could be risking SAFETY COMPLIANCE!

SAFER SPRAY DRY COMPLIANCE solutions
The World’s most advanced safety spray nozzle NOW AVAILABLE for EVERY DRYER TYPE
Spray Nozzle Engineering has been providing over 20 years of custom spraying solutions to industry. This has lead us to develop a full in-house design and engineering team, providing customised solutions to non-standard applications and problems requiring more than just a “catalogue-response”, is as easy as a phone call or email.

From project designed spray lances for pollution control, to self cleaning spray bars, special nozzles in high temperature alloys, to tank cleaning nozzles with full QA and traceability, we can assist with both design and construction to your exact needs.

Washdown & Cleaning Equipment

Safety • Watersaving • Ergonomic

A WASHDOWN GUN FOR EVERY APPLICATION & BUDGET
- Water Saving Features - Hot or Cold
- Lightweight or Heavy Duty Nozzle Line
- New Swivel Design Reduces Operator Fatigue
- Rear Trigger & Front Trigger Models available

SWIVELS, FITTINGS & COUPLINGS FOR HOSE & PIPE
- Swivels for Delivery & Suction to suit sizes ¼” to 2” & Larger Custom Sizes
- Pipe Joining Systems for High Pressure Applications
  - Oil & Gas Offshore - No Bolts Required
  - Reduce Down Time & Costs
- Quick Disconnect Fittings
  - Brass, Plated & Stainless
  - Full Flow or Shut-Off
- Swivel Hose Barbs in Stainless & Bronze for Washdown & Related Applications

SAFETY STEAM / WATER MIXERS
- Automatic Steam Shut-Off to Operator
- Optional Thermostatic Control
- Temperature Indicator Gauge
- Positive Seal Shut Off Valves
- Hot/Cold Water Mixers also available

FOAMERS & SANITISERS
- Compressed Air & Airless Foamers
- Sanitisers, Foggers, Chemical Mixers
- Portable, Fixed & Entryway Systems
- Poly Mixing Blocks & Stainless for Maximum Corrosion Resistance
- Pump Fed & Metered Unit available for Correct Chemical Dilution Ratios

PRESSURE CLEAN & CAR WASH ACCESSORIES
- High Pressure Spray Guns, Lances & Nozzles
- Full Range of High & Low Pressure Swivels
- Chemical Injectors, Fixed & Variable Ratio
- Coin Operated Vacuum Cleaners & Accessories
- Pressure Wash Nozzles - Pipe Cleaners
- Valves - Unloader, Regulating & Check
Hose & Cable Reels

Work Safely - Extended Hose / Cable Life

**SPRING REWIND REELS**
- Hose Capacity ¼” to 2” I.D.
- Pressure Rating up to 10,000 psi
- Four Way Roller Assemblies
- Sealed Bearings for Long Service Life

**STAINLESS STEEL & CUSTOM REELS**
- Full Stainless Construction with optional High Lustre Polish
- Spring Rewind, Manual, Air & Electric Power Rewind Options
- Designed for Food, Pharmaceutical & High Corrosion Applications

**PIT BULL™ - SAFER DIRECT DRIVE REELS**
- Safer Rewind Speeds
- Unique Gear Box & Drive System
- NO Chain - NO Sprockets
- Pneumatic / Hydraulic / Electric
- Galvanised Construction
- Patented ‘Quick Change Hub’

**MANUAL & POWER REWIND REELS**
- Hose Capacity ¼” to 3” I.D. (Larger sizes available)
- Pressure Rating to 3000 psi (standard) - others available
- Optional 10,000 psi also available

**FIRE & RESCUE SERVICE REELS**
- Lay Flat, Round & Booster Hose Reels
- Rewind Options Spring, Manual, Hydraulic & Electric 12v & 24v
- High Pressure Rescue Reels, Portable Lighting & Cable
- Bush Fire & Light Vehicle Reels
- With optional Level Wind®

**CABLE REELS**
- Live Cable & Storage only
- Spring, Manual & Power Rewind options
- Audio Visual & Data Cable Reels a speciality
- Custom Reels available

**Safe-R-Reel™**
- Rewind Speed Control System
- Reduce Spring Rewind Speeds 30-40%
- Increase Safety - Reduce Injury
- Simple to Install to Spring Reel Cartridge
- NO Independent Drive systems necessary
DISTRIBUTED BY:

Warranty: The manufacturer will replace, repair or refund the purchase price of The Product at their option, free of charges, except transportation, if defective in their manufacture. Claims must be notified to the manufacturer in writing within 90 days of sale or shipment either of which occurs first. The Product should be returned to the place of purchase. This warranty is exclusive remedy and the Manufacturer/Distributor shall not be liable for consequential damages, injury or commercial loss. The Manufacturer/Distributor makes no warranty of fitness for a particular purpose and makes no other warranty, express or implied arising from the course of dealing or usage in trade. Specification subject to change without notice. © 2013