



THE  
**SPRAY NOZZLE**  
PEOPLE

# RSB

## Rotary Tank Cleaner

# TANK WASH

## DESIGN FEATURES

- ✓ Cleans more quickly, and uses less water & lower pressure than static tank washers
- ✓ Internal and external surface finish of 0.8 microns Ra or better: ideal for sanitary applications
- ✓ Laser-welded design for durability
- ✓ Stainless steel construction - corrosion-resistant material
- ✓ Two connections: threaded or clip-on
- ✓ Made from FDA approved materials for use in Clean-In-Place (CIP) applications: 316 stainless steel with hardened 316 stainless bearings

## SPRAY CHARACTERISTICS

- ✓ Self-cleaning bearings
- ✓ Vigorous moving spray action
- ✓ Spray Angles: 360°, 180° down or 270° down
- ✓ Flow rates: 16.7 – 313 l/min



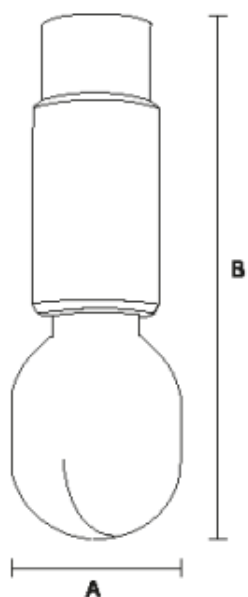
The RSB is a spinning spray ball that offers a natural upgrade to static spray balls. It is made from hygienic materials and gives a robust cleaning action. This makes it suitable for a wide variety of tank cleaning applications.

Upgrading static spray balls to RSB spinners can:  
Improve cleaning efficacy  
Reduce cleaning time  
Reduce water usage

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[www.spray-nozzle.co.uk](http://www.spray-nozzle.co.uk)

The Go-to People for Successful Spray Engineering



## Weights & Dimensions

|       | Connections                    | Weight (kg) | A    | B          |
|-------|--------------------------------|-------------|------|------------|
| RSB25 | 3/8" Bsp or 1/2" clip on (m)   | 0.35        | 25mm | 60mm       |
| RSB45 | 1/2" or 3/4" BSP or 1" clip on | 0.48        | 45mm | 155/137*mm |
| RSB65 | 1 1/4" Bsp or 1 1/2" clip on   | 1.03        | 65mm | 200/183*mm |

\* Shorter distance is for threaded variants.

## RSB Flow rate and cleaning diameter data

Flow rate, wet, and scrub diameter @ Bar

| Model                  | 1 Bar     |          |     | 1.5 Bar   |          |     | 2 Bar     |          |     | 3 Bar     |          |     |
|------------------------|-----------|----------|-----|-----------|----------|-----|-----------|----------|-----|-----------|----------|-----|
|                        | Flow Rate | Diameter |     | Flow Rate | Diameter |     | Flow Rate | Diameter |     | Flow Rate | Diameter |     |
|                        |           | Scrub    | Wet |           | Scrub    | Wet |           | Scrub    | Wet |           | Scrub    | Wet |
| RSB25 180 down         | 16.7      | 0.8      | 4.3 | 20.3      | 1.1      | 4.8 | 25.5      | 1.2      | 5   | 31        | 1.4      | 5.4 |
| RSB25 270 down and 360 | 30.5      | 0.8      | 4.3 | 36.8      | 1.1      | 4.8 | 46.5      | 1.2      | 5   | 58.3      | 1.4      | 5.4 |
| RSB45 180 down         | 41.7      | 1.8      | 5.2 | 50        | 1.9      | 5.3 | 58.3      | 2        | 5.2 | 68.3      | 1.8      | 4.9 |
| RSB45 270 down and 360 | 66.7      | 1.8      | 5.2 | 79.2      | 1.9      | 5.3 | 91.7      | 2        | 5.2 | 110       | 1.8      | 4.9 |
| RSB65 180 down and 360 | 113.3     | 3.8      | 5.5 | 125       | 4.2      | 5.7 | 165.8     | 4        | 6   | 200       | 3.7      | 5.6 |

**Ask our technical sales engineers about additional products and services to optimise your spraying process.**

## Spray Calibration Solutions

Easy-to-use, fast measurement solutions to ensure accurate nozzle installation and maintenance, reduce water wastage and identify nozzle wear.



**Spray Pattern & Droplet Distribution**



**Nozzle Flow Calibrators**



**Nozzle Cleaning Kit**

## Complete Spray Bars

Tailored nozzle selections and spray bar designs that integrate seamlessly with your new or existing setup.

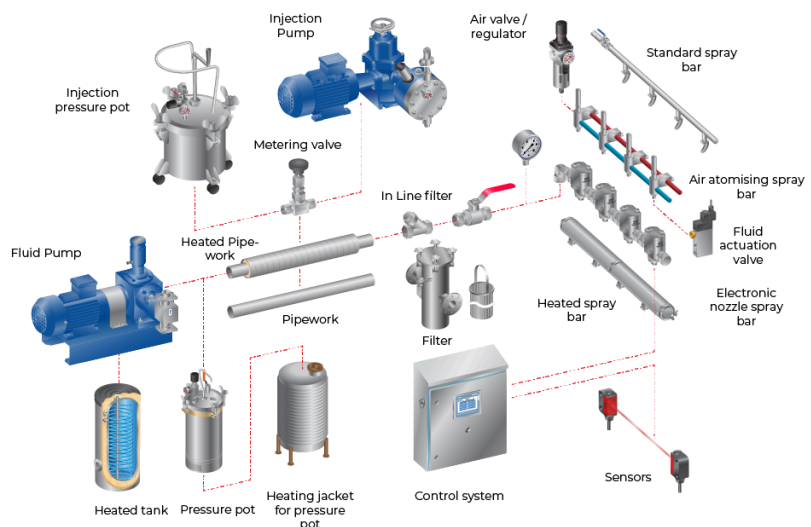
- ✓ Expert nozzle selection and placement
- ✓ Efficient spray coverage
- ✓ Fast turnaround time
- ✓ Reduced design burden
- ✓ High-quality spray bars



## Complete Custom Spraying Systems

Complete spraying systems built around your goals and application.

- ✓ Tailored upstream components supplied individually or as part of complete system
- ✓ Custom pipework, pumps, tanks, sensors, valves, heating, control panels and more
- ✓ Seamless integration with existing processes
- ✓ Built to budget and ROI targets
- ✓ End-to-end support: design, install, maintain



**THE GO-TO PEOPLE FOR SUCCESSFUL SPRAY ENGINEERING**