

SANITARY TANK CLEANING EQUIPMENT

If your operations require the use of sanitary equipment to clean tanks, totes, vats or other process vessels, you'll find what you need in our line of TankJet® equipment. All of our sanitary tank cleaners meet the criteria for hygienic design and feature food contact materials of construction.

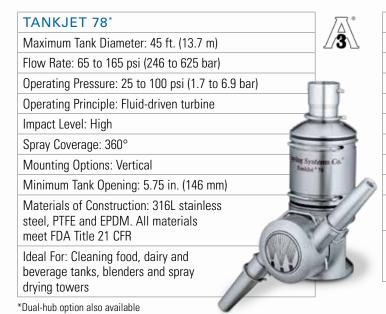
Many of our tank cleaners are 3-A Sanitary Standard 78-03 certified. Our TankJet 78 and 78M are the only multi-axis high-impact tank cleaners with 3-A certification. Other 3-A certified products include medium- and low-impact tank cleaning nozzles and spray balls.

In addition to having the largest selection of sanitary tank cleaners, you can count on Spraying Systems Co. to provide local service and support. Need help with selection assistance? Interested in a trial prior to purchase? Challenged by stubborn residue? Our spray specialists are standing by and ready to help.



SANITARY TANKJET TANK CLEANER OVERVIEW				
Sanitary Nozzle	Max. Tank Dia. ft. (m)	Operating Principle	Impact	3-A Sanitary Standard 78-03 Certified
TANKJET 78	40 (14)	Fluid-driven turbine	High	•
TANKJET 78M	25 (7.6)	Fluid-driven turbine	High	•
TANKJET 28500R	18 (5.5)	Fluid-driven reactionary force	Medium	•
TANKJET D41800-3A	12 (3.7)	Fluid-driven constant speed	Low	•
TANKJET 63225-3A SPRAY BALLS	13 (4)	Fixed stationary	Low	•
AA190HYG	45 (13.7)	Motor-driven	High	
TANKJET 75H	30 (9.1)	Fluid-driven turbine	High	
TANKJET 80H	50 (15.2)	Fluid-driven turbine	High	

SANITARY TANKJET TANK CLEANERS 3-A SANITARY STANDARD 78-03



TANKJET 78M

Maximum Tank Diameter: 25 ft. (7.6 m) Flow Rate: 13.0 to 37 gpm (49 to 140 lpm)

Operating Pressure: 25 to 120 psi (1.7 to 8.3 bar)

Operating Principle: Fluid-driven turbine

Impact Level: High

Spray Coverage: 360°

Mounting Options: Vertical

Minimum Tank Opening: 2.81 in. (71.5 mm)

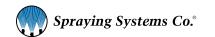
Materials of Construction: 316L stainless steel, PTFE. All materials meet FDA Title 21 CFR

Ideal For: Milk, cheese, yogurt, brewery and food processing tanks, blenders, wine vats and

spray drying towers



The 3-A symbol is a registered trademark of 3-A Sanitary Standards, Inc.



TANKJET 28500-R

Maximum Tank Diameter: 18 ft. (5.5 m)

Flow Rate: 9.0 to 78.3 gpm (34 to 296 lpm)

Operating Pressure: 10.0 to 50 psi (0.7 to 3.4 bar)

Operating Principle: Fluid-driven reactionary force

Impact Level: Medium

Spray Coverage: 180° up/down,

270° up/down, 360°

Mounting Options: Vertical, horizontal,

45° up and 45° down

Minimum Tank Opening: 2.5 to 4.5 in. (64 to 114 mm) depending on capacity size

Materials of Construction: Body, saucer and spacer – PTFE fluoropolymer resin, Locking pin – 316 stainless steel

Ideal For: Cleaning dairy vats, food processing tanks and pharmaceutical vessels

TANKJET D41800-3A

Maximum Tank Diameter: 12 ft. (3.7 m)

Flow Rate: 3.0 to 22.8 gpm (11.0 to 86 lpm)

Operating Pressure: 30 to 90 psi (2.1 to 6.2 bar)

Operating Principle: Fluid-driven constant speed

Impact Level: Low

Spray Coverage: 360°

Mounting Options: Vertical, horizontal, 45° up

and 45° down

Minimum Tank Opening: 1.87 in. (47.5 mm)

Materials of Construction: 303 stainless steel

or 316L stainless steel

Ideal For: Cleaning mixing, dry powder, pharmaceutical

and food processing tanks

TANKJET 63225-3A SPRAY BALLS

Maximum Tank Diameter: 13 ft. (4 m)

Flow Rate: 22 to 51 gpm (83 to 192 lpm)

Operating Pressure: 15.0 to 40 psi (1.0 to 2.8 bar)

Operating Principle: Fixed stationary

Impact Level: Low

Spray Coverage: 180° or 360° spray coverage, with custom drilling available for both spray

pattern and flow rate

Mounting Options: Can be installed in any position

Minimum Tank Opening: 1.5 to 4 in.

(38.1 to 101.6 mm) depending on capacity size

Materials of Construction: 316L stainless steel

Ideal For: Cleaning food processing vats and tanks

and pharmaceutical vessels





THREE TANK CLEANING TIPS

1. HEATED WATER VS. IMPACT

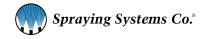
Hot water is costly but may be needed to remove some residues. In some cases, increasing cleaning impact may eliminate the need for hot water. This can result in a dramatic reduction in energy use and savings of thousands of dollars annually. Ask your local sales specialist to determine if increasing impact can eliminate hot water use in your application.

2. REDUCE CLEANING TIME BY INCREASING IMPACT

Simple adjustments to liquid pressure and flow may reduce the number of cycles needed for thorough cleaning. Faster cleaning saves time and reduces water and chemical use.

3. CLEANING HARD-TO-REACH AREAS

Internal obstructions, like agitator shafts and blades block the spray from hitting the tank walls. Having the flexibility to reposition tank cleaning equipment can make it easier to achieve complete cleaning. For example, using adjustable ball fittings, adjustable flanges or lances enable the tank cleaner to be positioned exactly where needed. This enables cleaning of hard to reach areas and the ability to target heavily soiled areas or skim lines.





TANKJET AA190HYG

Maximum Tank Diameter: 40 ft. (12.2 m)

Flow Rate: 3.1 to 44 gpm (11.8 to 167 lpm)

Operating Pressure: 100 to 1000 psi

(6.9 to 69 bar)

Operating Principle: Motor-driven

Impact Level: High

Spray Coverage: 360°

 $Mounting\ Options:\ Vertical,\ horizontal,$

 45° up and 45° down

Minimum Tank Opening: 2.81 in. (71.5 mm)

Materials of Construction: Seals – PTFE fluoropolymer resin All other metallurgy – 316 stainless steel

Ideal For: Cleaning food processing tanks and vats, pharmaceutical processing

vessels and tanker trucks



TANKJET 75H

Maximum Tank Diameter: 30 ft. (9.1 m)

Flow Rate: 15.0 to 33 gpm

(57 to 125 lpm)

Operating Pressure: 75 to 300 psi

(5.2 to 21 bar)

Operating Principle: Fluid-driven turbine

Impact Level: High

Spray Coverage: 360°

Mounting Options: Vertical, 45° up

and 45° down

Minimum Tank Opening: 3.75 in. (95.3 mm)

Materials of Construction: 316 stainless

steel, PTFE and UHMWE-PE

Ideal For: Cleaning dairy tanks and totes and food, pharmaceutical

and beverage tanks



Maximum Tank Diameter: 50 ft. (15.2 m)

Flow Rate: 53 to 142 gpm

(200 to 538 lpm)

Operating Pressure: 60 to 200 psi

(4.1 to 13.8 bar)

Operating Principle: Fluid-driven turbine

Impact Level: High

Spray Coverage: 360°

Mounting Options: Vertical

Minimum Tank Opening: 5.5 to 12.0 in. (140 to 304 mm) depending on hub configuration

Materials of Construction: 316 stainless

steel, PTFE and UHMW-PE

Ideal For: Cleaning brewery tanks, fermenters, food and diary tanks

and tanker trucks

It takes more than equipment to ensure proper cleaning of your tanks, totes, vats, drums and more.

It requires experience and expertise. Ensure your tanks are cleaned thoroughly and quickly using the least amount of water/chemicals possible.

Give us a call at 1.800.95.SPRAY or visit spray.com/tankcleaning for more information.



Spraying Systems Co.

Experts in Spray Technology

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