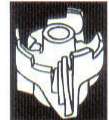


Spray Nozzles

M - SERIES*

With Patented Performance and Self Clean Design

TANK WASHERS



Reg. & Pat. Design

THE NEW M - SERIES TANK WASHER now makes similar styles of tank washers and spray balls virtually obsolete. This is achieved by the unique patented self cleaning features for trouble free operation and superior hydraulic water impact via patented channelled water jet streams in a true 360 degree spray¹. All this gained with major cost savings to the operator.

The M - Series sanitary design is ideal for CIP applications as it provides superior tank cleaning results at low pressures and low flows. The M - Series is specially designed for CIP tank cleaning applications in the Wine, Food, Beverage, Dairy, Chemical, Pharmaceutical and similar industries.

Powered by the cleaning fluid itself, they distribute an even, heavy, stream-like pattern unique to the M - Series only, to thoroughly clean tank interiors. With special emphasis on cleaning points of entry, along with a concentrated downward wash-jet for cleaning centralized agitators¹, the M - Series produces a superb and superior cleaning action when compared to similar cleaning devices.

Manufacture

The M - Series consists of a shaft/body manufactured in high grade stainless steel (AISI 316), and a rotor in moulded ACETAL-CoPolymer¹¹ (FDA approved material). Teflon Director/Rotor now available.

Design

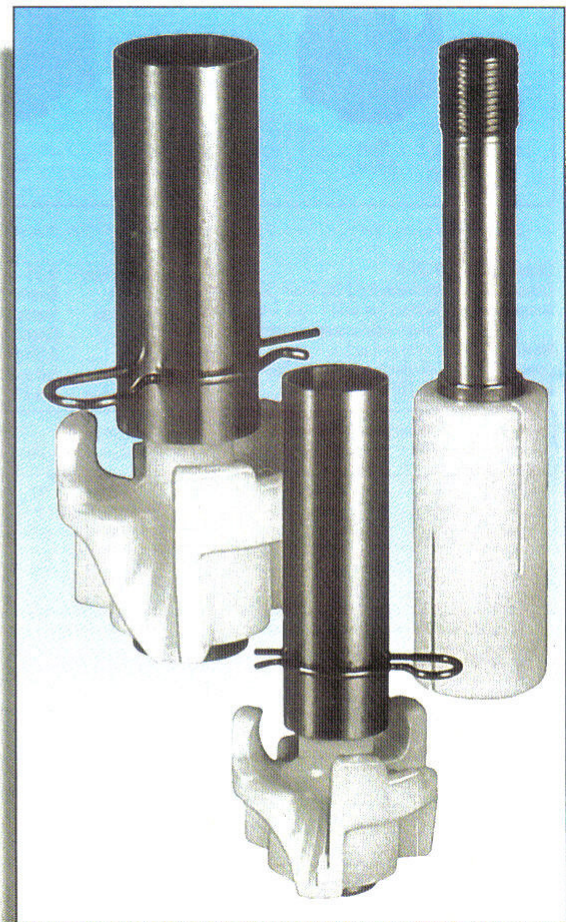
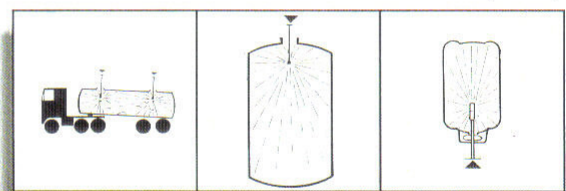
Designed with simplicity in mind, there are no bearings to lock-up, corrode or break down. The M - Series Tank Washer is powered by the cleaning fluid itself to rotate a unique patented mist-reducing head at a wide range of operating pressures. Reduction of spray mist allows the formation of larger spray droplets, which provides a higher degree of washing impact in comparison with competitive units. Its patented self-cleaning feature incorporates a downward wash-jet for cleaning centralized agitator units¹, and a cleaning stream that is also directed to the point of entry, top half and sides of tank for maximum cleaning efficiency. For a more detailed explanation of the unique operating features of the M - Series Tank Washer, please ask for technical data sheet (SNE-Dat. No. 0198-1). This will explain why the M - Series Tank Washer is the "number one" choice for economical tank cleaning today.

Lubrication

No lubrication is required other than the cleaning fluid itself.

Economics

Reliable operation and improved hydraulic impact increases cleaning efficiency, allowing for shorter cleaning cycles, thus reducing total operation costs. This is achieved through savings in water and cleaning chemical usage.



Spray Nozzles

M-SERIES*

Technical Data

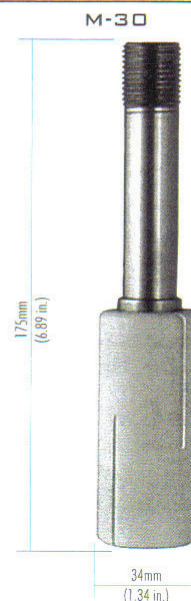
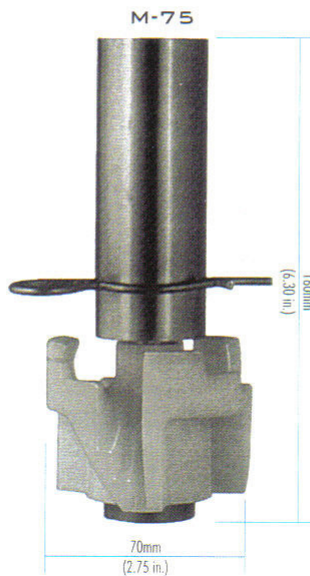
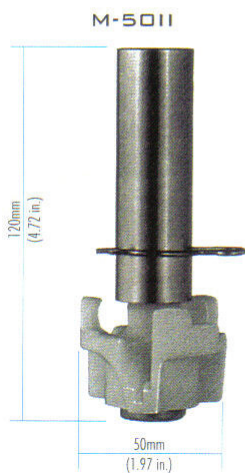
TANK WASHERS

MATERIALS OF CONSTRUCTION:

M-30/M-50II/M-75/M-100 Tank Cleaners

Shaft/Body: 316 st/st

Fluid Director/Rotor: ACETAL Co-Polymer or Teflon (Optional)



M-50 MARK II TANK WASHERS

Cleaner Type: M-50-II
Pressure: Recommended 2 Bar.G min (30psi)
Connection: Standard butt weld 1" O.D. Tube (Special order connections available.)
Weight: 0.19kg (6.5 oz.)
Operation: Self operated by cleaning fluid
Temperature: Max 120°C (250°F)

PRESSURE BAR/psi	FLOWRATE L/m U.S. GPM	RADIUS [†] JET m/ft
1.4/20	76 20	1.8/6
2.1/30	95 25	2.1/7
2.8/40	110 29	2.1/7
3.4/50	125 33	1.8/6
4.1/60	132 35	1.5/5

* For Higher or Lower operation pressures/flow, contact factory.

M-75 TANK WASHERS

Cleaner Type: M-75
Pressure: Recommended 2 Bar.G min (30psi)
Connection: Standard butt weld 1 1/2" O.D. Tube (Special order connections available.)
Weight: 0.44kg (15.5 oz.)
Operation: Self operated by cleaning fluid
Temperature: Max 120°C (250°F)

PRESSURE BAR/psi	FLOWRATE L/m U.S. GPM	RADIUS [†] JET m/ft
1.4/20	167 44	2.4/8
2.1/30	204 54	2.7/9
2.8/40	235 62	2.7/9
3.4/50	250 66	2.4/8
4.1/60	276 73	2.1/7

* For Higher or Lower operation pressures/flow, contact factory.

M-30 KEG/TANK WASHERS

Cleaner Type: M-30 Keg/Tank Washer
Pressure: Recommended 2 Bar.G min (30 psi)
Connection: Standard male threaded 1/2" bsp pipe. (Special order connections available.)
Weight: 0.27kg (9.5 oz.)
Operation: Self operated by cleaning fluid
Temperature: Max 120°C (250°F)

PRESSURE BAR/psi	FLOWRATE L/m U.S. GPM	RADIUS [†] JET m/ft
1.4/20	87 23	Maximum coverage not applicable for close radius applications
2.1/30	106 28	
2.8/40	121 32	
3.4/50	136 36	
4.1/60	148 39	

* For Higher or Lower operation pressures/flow, contact factory.

- For higher performance cleaning of larger vessels around 6m diameter, please enquire about our new **M-100 Series Tank Washer**, now available.

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 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. Chemical and Temperature compatibility is responsibility of purchaser, compatibility charts available at request.

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† Radius = Effective Contact Distance.