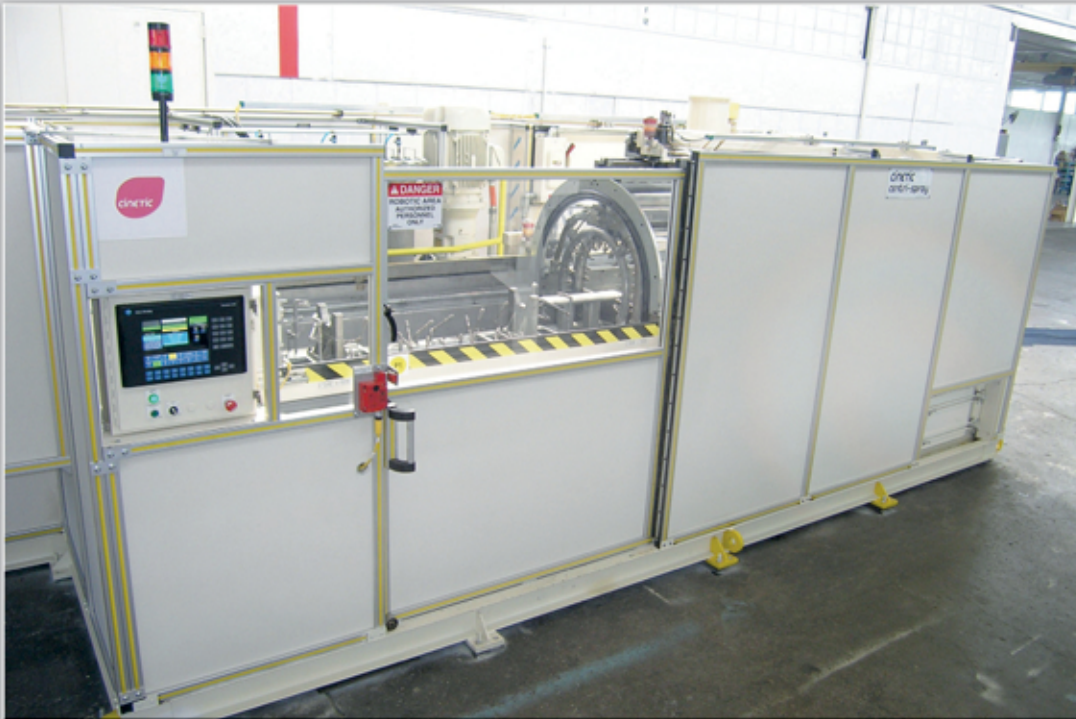


Centri-Spray

FM Series Diesel Chamber Washer



Our patented Chamber Washer is made of a durable Acrylic, allowing visual access at all times
Flexible design-interchangeable fixtures to accommodate different parts
Sustainable manufacturing- water is filtered and consistently recycled, reducing overall life cycle costs and saving resources

→ Fives Cinetic, at the core of parts washing



Engineering and manufacturing custom assembly and test solutions for over 40 years

The **FM Series Heavy Diesel Chamber Washer** is an inventive solution to cleaning large engine and transmission parts.

Programmable halo cleaning and drying is encapsulated by a see-through acrylic chamber that allows the operator to witness the entire process. Cleaning is achieved by moving finely filtered water at elevated pressures across the workpiece and allowing the water to impinge and drain several times through the cycle. The drying process utilizes high pressure air to shear the water from the part leaving a water and spot-free product.

Advantages over traditional diesel washers

Flexible

- Easily top loaded by gantry or robot as well as manually.

Modular

- Additional stations can be added at later date to accommodate increases in production.

Portable

- Skid mounted machine for ease of installation as well as relocation.

Performance

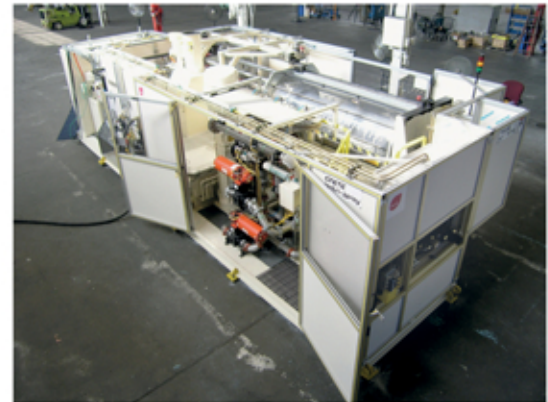
- Cleaning and drying in single chamber allows for less time moving the workpiece and more time cleaning.

Visual Access

- Easy to see all components inside chamber while in cycle.

Accessibility

- Accessibility to nozzles is done from outside the chamber making maintenance easier and faster.



Standard Features

- Acrylic wash/dry enclosure
- Top loaded
- Removable sound enclosure
- Servo motions
- Integral drip pan
- Programmable washing/drying

Optional Features

- High pressure deburring/dechipping
- Vacuum drying
- Integrated robot or gantry
- Wide range of filtration choices

Typical Applications

Cylindrical Parts

- Crankshafts
- Camshafts
- Axle Shafts
- Spline Shafts

Prismatic Parts

- Cylinder Blocks
- Cylinder Heads
- Transmission Housings
- Complex-Shaped Parts



Technical Data	Workpiece specifications
Length	1,800 mm max.
Width	570 mm max.
Height	570 mm max.
Diameter	500 mm max.
Weight	360 kg max.
Noise Level	≤ 80 db (A)

Technical Data	FM 100H	FM 200H	FM 300H
Length	3,660 mm	3,660 mm	7,320 mm
Width	8,460 mm	8,460 mm	8,460 mm
Height	2,540 mm	2,540 mm	2,540 mm
<i>Throughput</i>			
Cylindrical	40 pcs/hr max	80 pcs/hr max	120 pcs/hr max
Prismatic	30 pcs/hr max	60 pcs/hr max	90 pcs/hr max

Farmington Hills, MI

• Saltillo, Mexico

• Le Bignon, France