

CMT COP tank



- Easy cleaning of Classifier Mill (CMT) parts
- Simple and easy to operate
- Designed based on USDA sanitary standards

Application

The CMT COP Tank provides easy and complete spray coverage of CMT hot swap parts, enabling the customer to establish a consistent and repeatable cleaning process. The CMT COP Tank is designed based on USDA sanitary standards, and spray components are easy to access and remove as needed for equipment maintenance.

Operation

Hot swap parts will be removed from the CMT Mill, via provided lifting aids, and placed in the CMT COP Tank. The CMT COP tank has been designed with a "first out, first in" stack up, meaning the first part to be removed from the CMT Mill is the first part to be placed in the CMT COP Tank for cleaning.

After cleaning, the first part to be removed from the CMT COP Tank is the first part to be placed back into the CMT Mill. To enable the stack up, the parts holders within the CMT COP Tank easily pivot out of place until needed.

The CMT COP Tank is designed to be a delivery system for the customer's cleaning process. The customer is responsible for establishing the proper cleaning process required for their application, including a pumping system that meets water infeed requirements, any desired detergents, and drain lines.

CMT COP tank

Materials of construction

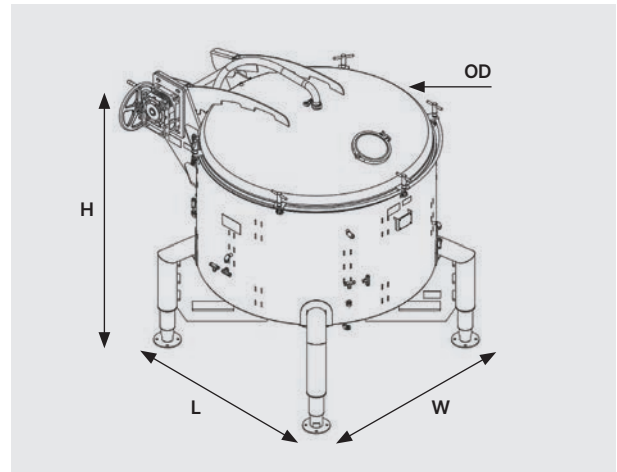
- 316L parts holders and parts holder brackets
- 304/304L stainless steel tank body, lid, legs, and all other components
- Tri-clover gasketing: FDA white Buna-N
- Lid gasket: FDA white silicone
- Main hose: FDA chlorobutyl; EPDM-covered
- External plumbing: FDA chlorobutyl or chemically inert LLDPE (size-dependent)
- MTR for sheet, plate, and tank head that form housing, service door, and internal wetted parts
- Certificate of conformance for weld wire

Major components

- Closed door safety switch
- Viewport for active monitoring
- Tri-clamp ferrules for water inlet and outlet locations
- Internal water distribution system for full coverage cleaning using a combination of static sprayers and 360-degree clean in place spray nozzles
- Parts basket for smaller parts

- Removable parts holders
- Chandelier style lifting aid to assist in removing CMT parts (to be used with customer supplied lift mechanism)
- Leveling feet

CMT COP tank specifications



	Options and specifications		
	5CMT	7CMT	10CMT
L	40" (1,016 mm)	62" (1,575 mm)	79" (2,007 mm)
W	35" (889 mm)	45" (1,143 mm)	69" (1,753 mm)
H	47" (1,194 mm)	60" (1,524 mm)	78" (1,981 mm)
OD	29-1/2" (749 mm)	40-1/2" (1,029 mm)	56-1/2" (1,435 mm)
Target water infeed (at room temp.)	60GPM @ 60PSI	65GPM @ 60PSI	100GPM @ 70PSI
Lid opening assistance	Gas spring assisted	Hand wheel controlled	Hand wheel controlled