

Tools &
accessories



Dished End

The Dished End is the all-in-one solution to small volume vessel design. Machined from a single block of material, completely eliminating the risk of warping during welding of components and reducing documentation. The off-center outlet location enables a small tank installation otherwise not possible, and the mixer is placed in the optimal location for best mixing performance.

The basic selection below is a guide to our models optimized for different mixing applications.

Mixing application selection

Truelev

Low shear premium innovation

The astonishing truelev mixer provides a completely unique performance perfect for your low shear application. The mixing system can be run on minimal volumes, ensuring minimal product loss.

ZG

ZG all-in-one

Integrate the high efficiency mixing performance of the ZG platform into a single dish free of welding with high aseptic design and optimal location of the mixer for best result.

ZG2 & Flange

Combining two applications

By combining the high shear or high power with the ZG platforms, a multifunction system is achieved. This product allows to combine high shear applications with normal mixing.

Flange

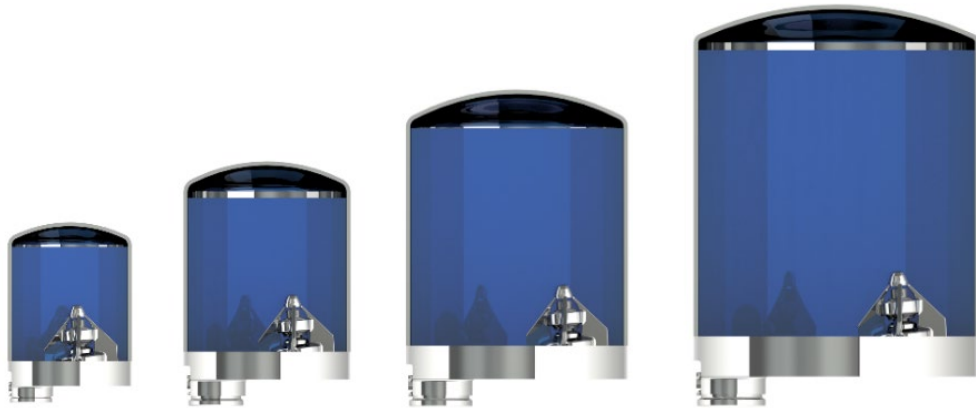
Offers flexibility between platforms

The flange version provides a flexible solution for the medium and high shear applications and accommodates the ZG, High Shear and High Power platforms.



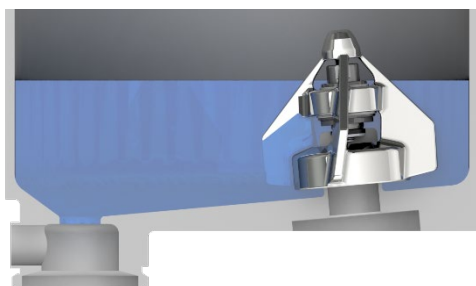
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Dished End size selection

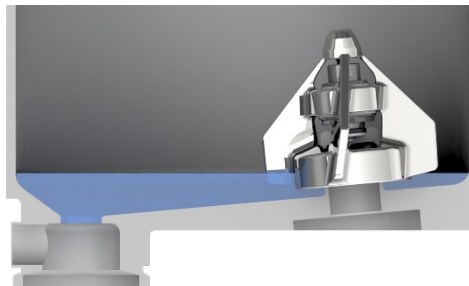


Configuration	ID150 mm	ID200 mm	ID250 mm	ID300 mm
Mixer platform	ZG2	ZG2	ZG2	ZG2
	Truelev	-	Truelev	Truelev
	Flange	-	Flange	Flange
	ZG2 + Flange	-	-	ZG2 + Flange

Minimum volume



Continuous mixing



Last-drop mixing

Configuration	ID150 mm	ID200 mm	ID250 mm	ID300 mm
H/D Ratio – 1.0	2.9L	6.8L	13.2L	22.6L
ZG2 Continuous mixing	1.0L	1.8L	2.9L	4.4L
ZG2 Last-drop mixing	0.2L	0.4L	0.6L	1.0L
Truelev Continuous mixing	N/A	0.4L	0.6L	0.9L

All Dished Ends are approved according to ASME VIII Division 2 and EN-13445-3

Additional information

Operating Temp (ZG-/HS-/HP-mixer)

5°C -150°C (41°F -302°F) Environment Temp 0°C -40°C (32°F -104°F)

Operating Temp (Truelev-mixer)

5°C - 135°C (41°F - 275°F) Environment Temp 0°C - 40°C (32°F - 104°F)

Operating Pressure

-1 – 7 barg (-14.7 – 103 psig)

Surface Roughness, product contact

$R_a \leq 0.38 \mu\text{m}$ (15 μin). Non animal origin polishing compounds are used.

Surface Treatment

Mirror polished. Non animal origin polishing compounds are used.

Tank Outlet Valve

RA, NA or GEMÜ

Product contact material

See datasheet for corresponding Dished End