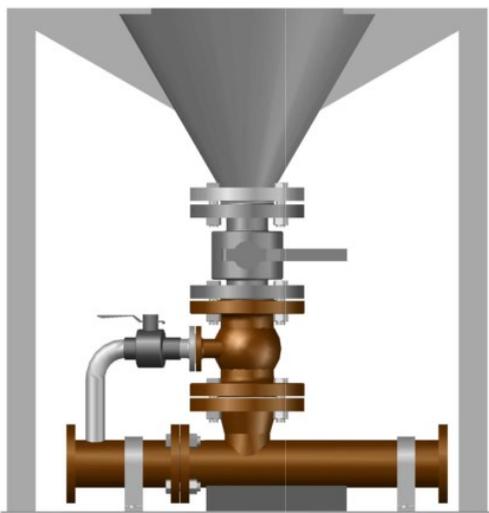
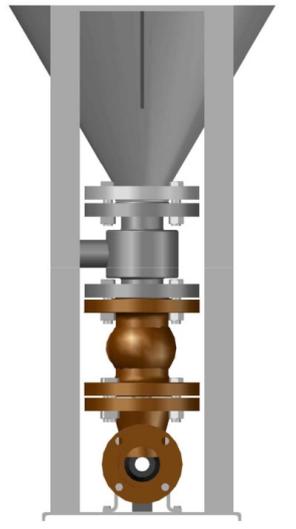
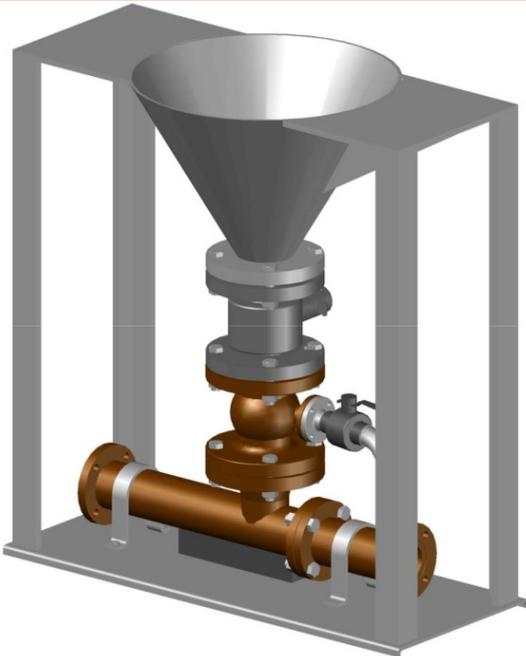


For mixing of drilling and completion fluids in on-shore and off-shore rigs



The Primetech mud shearing eductor is an effective solution for the introduction of powdered, granular or liquid additives into drilling, reservoir drill-in or completion fluids on the rig. The rugged stainless steel construction is designed to withstand the harsh off-shore rig conditions while meeting all off-shore health and safety requirements.

Working philosophy: The venturi principle

In operation, a centrifugal pump is used to deliver the pressurized liquid to the mud mixer. The pressure energy is converted to a high velocity liquid stream through the highly efficient jet nozzle. The high velocity stream creates a low pressure region resulting in a strong suction. The powders or granules fed in through the hopper are drawn in by the suction and are first wetted in the radial pre-mixing chamber. The slurry then enters the larger mixing chamber where high rates of shearing occur. The homogenous slurry now travels through the diffuser section to recover the pressure energy effectively.

Features

- Dynamic shearing
- Compact design
- Polyurethane lined nozzle for unmatched abrasion resistance and long life.
- Stainless steel body
- Low rates of pressure loss
- Enhanced worker safety

Designed for the service of

- Bentonite
- Barite
- Process chemicals on the rig

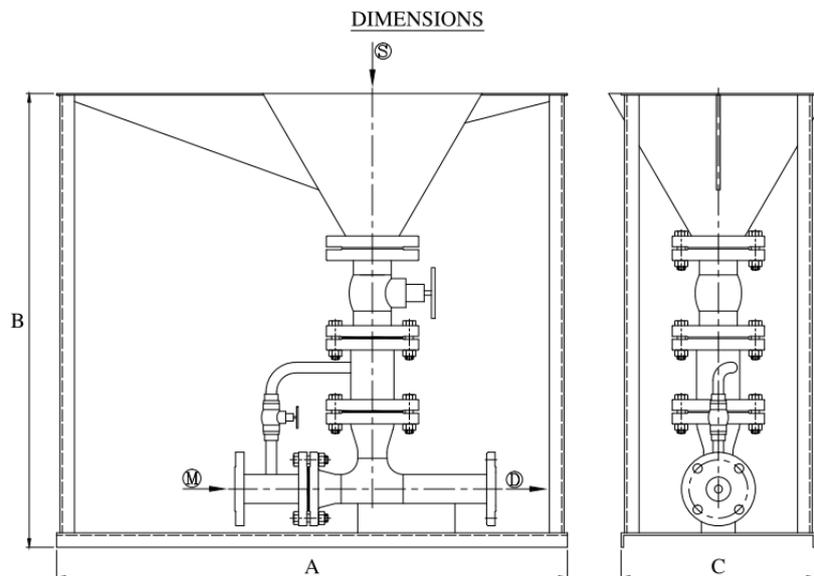
Mud mixing eductor with Hopper

(E2300-Series Primetech)

Technical specifications

Model Number	Size	Motive pressure	Motive flowrate
			GPM cum/hour
PT-MM-2301.5	1.5 Inch	40-60 Psi	40-50 9-11
PT-MM-2302.5	2 Inch	40-60 Psi	65-80 15-18
PT-MM-2303	3 Inch	40-60 Psi	140-175 30-40
PT-MM-2404	4 Inch	40-60 Psi	240-300 55-68
PT-MM-2406	6 Inch	40-60 Psi	720-900 160-200

Eductor can be supplied separately without the hopper, customization requests undertaken, we ship worldwide.



Model Number	Dim. A (mm)	Dim. B (mm)	Dim. C (mm)
PT-MM-2301.5	1000	1000	400
PT-MM-2302	1000	1000	400
PT-MM-2303	1200	1100	400
PT-MM-2404	1400	1250	600
PT-MM-2406	1800	1500	700