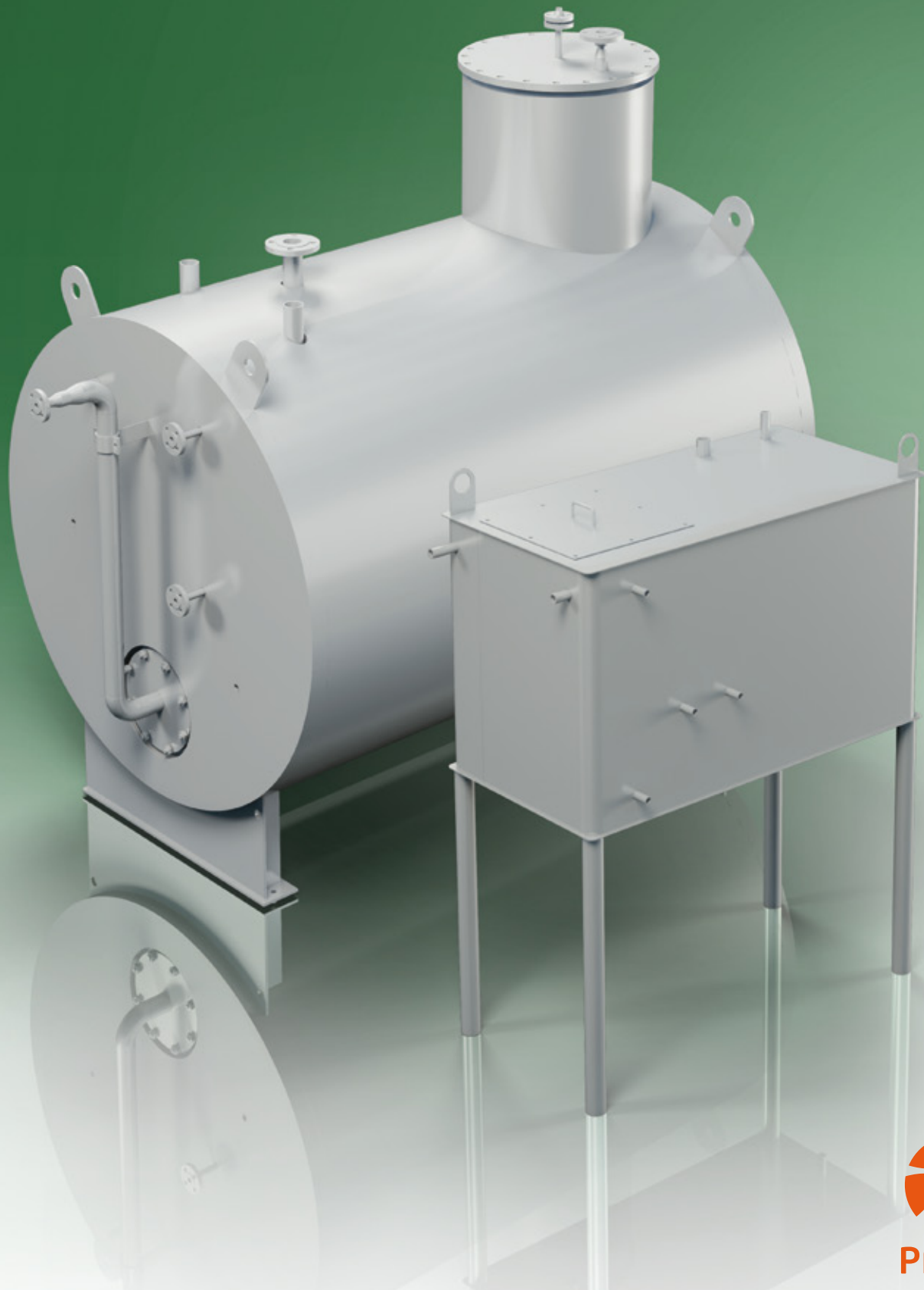


PARAT IMR/IMT

Feedwatertank / Degasser



PARAT: IMR/IMT Feedwatertank / Degasser

Technical data

PARAT IMR

Feedwater tank, rectangular.
Atmospheric pressure

- Volume: 165 – 1,000 ltr
- Max pressure 0.0 bar g
- Steam heating optional
- Stainless steel optional
- Approved by DNV, LRS, BV, GL etc.
- Larger tanks available on request

PARAT feedwater tanks have all necessary connections for pumps, chemical dosing, water sampling, etc.

Condensate return, chemical dosing and steam heating are submerged under the water surface. The steam injector is located on the cleaning hatch for maintenance.

The cleaning hatch is conveniently located to facilitate purging the bottom of the tank. Steam heating is located in relation to suction nozzles for pumps so as to avoid cavitation.

Volume (litre)	L (mm)	W (mm)	H (mm)	Height Legs (mm)	Weight transport (kg)	Weight filled (kg)
165	1000	333	500	750	150	315
325	1250	435	600	750	185	510
390	1500	435	600	750	190	580
500	1500	560	600	850	240	740
750	1500	665	750	850	300	1050
1000	1500	750	900	1000	325	1325
1500	2000	1000	1935	200	900	1900
2000	2000	1200	2135	200	1000	3400
3000	2000	1400	2330	200	1200	3500
6000	2500	1750	2685	200	2300	8300

We reserve the right to make changes.



PARAT IMT

Degasser / Feedwater tank, Cylindrical

- Volume: 1.250 – 6.000 ltr.
(Larger tanks on request)
- Max pressure: 0.5 bar g.
(Higher pressure on request)
- Steam heating controlled by the pressure in the tank
- Degassing tower with stainless steel strainer plates
- Can be delivered without degassing tower

A steam unit that consumes water requires oxygen removed from the incoming water. Deoxygenation with the use of steam significantly reduces the need for chemicals, and has the advantage of heating the feedwater. A PARAT degasser will ensure a long lifetime for the steam system.

The steam is released at the bottom of the tank, removing oxygen by diffusion. Cold water is supplied to the tower, where air is released from the pressure deaerator. It runs over strainer plates, giving the water a large surface area, thus facilitating additional deoxygenation and better condensation of the steam. This ensures maximal release of air as opposed to steam.

Thus a PARAT degasser is an economical solution for degassing in a steam unit.

