



Сибэлектронимпорт

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Apollo AT4000 Hot Tank Specification

The new generation caustic cleaning system

Apollo Part No 34000000

Model	AT4000 Agitating Caustic Tank
Platform Size	1020X 2400 mm
Floor Space Required	1870 X 3000 mm
Fluid Above Platform	950 mm
Platform Raised Height	1520 mm
Column Height to Top	3000mm
Maximum Load	2000 Kg
Agitation	Double Acting Pneumatic Oiler & Automatic Water Trap Fitted
Ram Size	250 mm
Lid Lift	Lid Only and Lid with Platform
Lid	Full Stainless Steel Skins
Power Required	415V 5 Wire
Heating Element Size	6 X 6 Kw
Current Draw (maximum)	60 Amps
Air Requirement	55 cfm@ 100 psi 25 x 150mm strokes/min 19mm air supply
Agitation Timer	Standard
Oil Skimmer	Standard
Chemical Required	480 Kg Chemetall 164PC or equivalent

Weight of Machine	2500 Kg
Shipping Dimensions in Crate	2120 x 3500 x 2100 mm, to top of columns 3000mm
Weight in Crate	2800 Kg
Rinse Bay Length (if fitted)	2400 mm

Rinse tanks are available with the same dimensions less the centrifugal filter and oil skimmer.

Features

- Heavy duty construction;
- Manufacturing plant ISO9001 certified;
- Tank double seam welded, plus all tank welds dye penetrant tested;
- Fully insulated for reduced energy consumption;
- Lower tank volume (no sludge settlement area, plus reduced “dead” area behind the platform, reduces tank volume by approximately 30%);
- Initial fill requires 30% less caustic (no sludge trap);
- Less energy (30%) required to heat (not heating sludge trap volume);
- Indefinite caustic life, up to 12 years experienced. Monthly top ups reduced up to 75%. Total chemical use reduced 92% over 3 years;
- No need to pre-clean parts;
- No more sludged up tanks;
- Component cleaning times are greatly reduced to 30 to 60 minute cycle times are common;
- Epoxy paints and powdercoat removed in approx 90 minutes using an additive to the caustic solution;
- Centrifugal filter cleaning time approx 15 minutes per week;
- Waste solids from the centrifuge are suitable for disposal per industrial solid waste service;
- Surface oil is automatically removed using the oil skimmer;
- The control panel is mounted in a purpose built steel enclosure on the left front of the tank.
- The controls are arranged on an angled control panel for better operator visibility and access;
- An electronic timer controls oil skimmer operation;
- An electronic timer controls tank agitation to minimise air consumption;
- Long-life, miniature, plug in electric relays are used for improved reliability;
- There are no micro switches to fail, magnetic reed switches are used for ram position sensing;
- Electric over pneumatic controls are used for simplified troubleshooting;
- Pneumatic lid lift (automatic with platform independent of platform)
- Oiler and water trap fitted to pneumatic system;
- A self-contained rinse off bay (optional) attaches to the tank, reducing spillage. Rinse water is recycled until contaminated with chemical washed off the components then used to top up the hot tank, eliminating caustic liquid waste and further reducing chemical consumption.