

15200 Middlebrook Drive; Suite E Houston, Texas 77058 - USA
Phone: **281.218.9400** | Fax: 713.513.5884
eng@orbijet.com
www.orbijet.com



Tank Cleaning Technology for
the Ethanol Industry



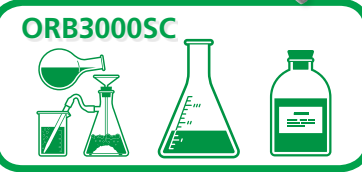
SC40RT



BIO25



BIO50 2N



ORB3000SC



SC15TW



SC45TW



SC30T



Tank Cleaning Machines

Tank Cleaning Technologies offers the state of the art tank cleaning machines and covers the full realm of technology that is available today. Whether your need and/or budget prefers to use conventional tank cleaning machines or upgrade to the state of the art external drive tank cleaning machines or perhaps single nozzle programmable cleaning technology.... we have it all.

Your Options...

SC40RT

The **SC40RT** is the premier tank cleaning machine for the ethanol industry. Virtually Zero "0" maintenance for as much as 7 years. Highest solids handling capability of all tank cleaning machines.

BIO25

The **BIO25** is a conventional tank cleaning machine for use in Ethanol operations where a hygienically designed tank cleaning machine is desired. It is only available in a 4 nozzle hub version.

BIO50 2N

The **BIO50 2N** is a conventional tank cleaning machines for use in Ethanol operations where a hygienically designed tank cleaning machine is desired and long jet-lengths with higher impact is required.

ORB3000SC

ORB3000SC is an additive to caustic soda where caustic soda is used as the cleaning agent for cleaning process within Ethanol Plants. **ORB3000SC** highly improves caustic soda so that less is required and **ORB3000SC** controls water hardness thus allowing for greater cleaning.

SC15TW

The **SC15TW** is a conventional tank cleaning machines for use in Ethanol operations where a conventional tank cleaning machine is desired and hygienic designs are not required.

SC45TW

The **SC45TW** is the big brother to the SC15TW. It is a conventional tank cleaning machine and produces longer jet-lengths and higher flows than the **SC15TW**.

SC30T

The **SC30T** is an external drive machine and is a single nozzle programmable cleaning system. Impact values and jet-lengths are the highest of all known tank cleaning machines. Pattern times for this machine are typically longer so as to allow for more jet dwell time.

- Drive type: External
- Pressure: 0-200 PSIG
- Flow: 0-300 USGPM
- Pattern time: 15-50 minutes
- Jet-Length: 0-72 feet radius >700mm WC

- Drive type: Integrated turbine
- Pressure: 0-175 PSIG
- Flow: 0-250 USGPM
- Pattern time: 6-27 minutes
- Jet-Length: 0-48 feet radius > 300mm WC

- Drive type: Integrated turbine
- Pressure: 0-175 PSIG
- Flow: 0-300 USGPM
- Pattern time: 6-28 minutes
- Jet-Length: 0-55 feet radius >400mm WC

- Reduce caustic soda use by 50% or more
- Control water hardness; thus improve cleaning
- Clean faster due to higher efficiencies and save money
- Improve equipment turnover time
- Increase production

- Drive type: Integrated turbine
- Pressure: 0-200 PSIG
- Flow: 0-110 USGPM
- Pattern time: 6-28 minutes
- Jet-Length: 0-53 feet radius >300mm WC

- Drive type: Integrated Turbine
- Pressure: 0-200 PSIG
- Flow: 0-220 USGPM
- Pattern time: 6-28 minutes
- Jet-Length: 0-63 feet radius >300mm WC

- Drive type: External
- Pressure: 0-200 PSIG
- Flow: 0-300 USGPM
- Pattern time: 30-200 minutes
- Jet-Length: 0-100 feet radius > 700mm WC

CIP (Clean In Place) Optimization ...for your Tank Cleaning Needs



- Never over rinse again
- Never under rinse again
- Reduce effluent waste by 50%
- Eliminate undetected bad tank cleans

Tank Cleaning Technologies BioMass detection process can tell you in less than two minutes when your tank is clean after an optimization assay has been completed to establish your standards and requirements.

Let us show you in real time how!

Collect Rinse Sample



Test Sample



Validate against Assay
Standard

Produce more Ethanol in
less time and lower costs.

Tank Cleaning Technologies (TCT) is a subsidiary of Orbijet, Inc. offers numerous types and styles of tank cleaning machines and those units show above represent only a portion of what we have to offer. Should you have any questions, please do not hesitate to contact us at +1 281.480.4041 and ask for the Sales Department.

Details on the machines listed here can be found on our website at www.tankcleantech.com where you will find

****Data Sheets **Videos **Drawings and ** Operations Manuals (on request)**