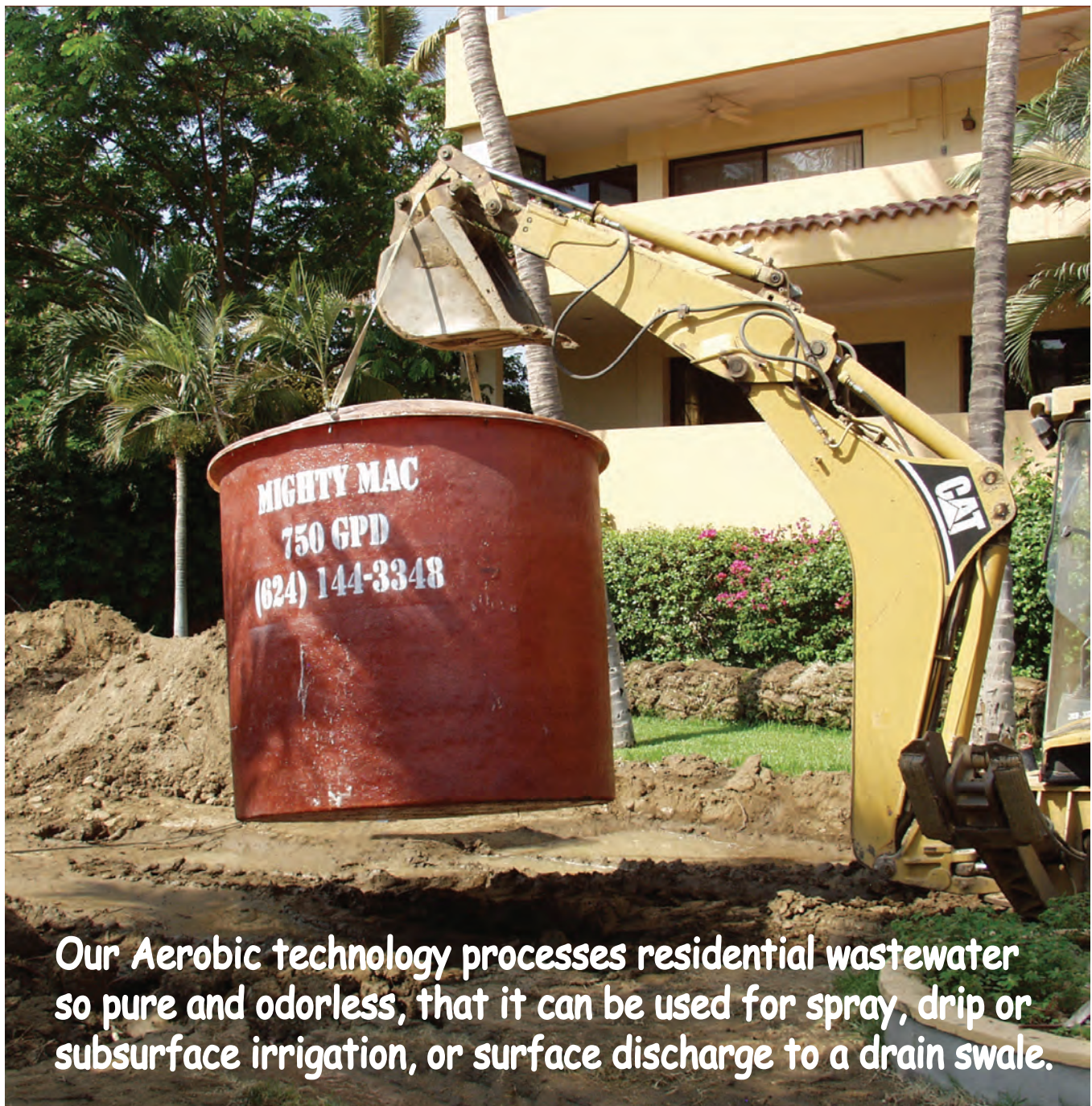




MIGHTY MAC

Home Aerobic Wastewater Treatment Systems



NSF/ANSI Standard 40, Class 1



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The MIGHTY MAC HOME AEROBIC WASTEWATER TREATMENT PLANT is an extended aeration, activated sludge process and more. There are two (2) working areas inside the plant. The aeration chamber is where air is introduced, agitating the liquid, and adding oxygen to the liquid. This promotes the growth of bacteria which in turn digests the organic matter in the liquid. The second area is inside a cone located in the center of the tank. This area is the "quiet zone" where the liquid rises upward and the suspended solids settle back into the aeration chamber. This is a continual process with the final discharge being a clear, odorless liquid. With new designs and configurations, Mighty Mac has greatly improved the final discharge.

This aerobic treatment process greatly reduces BOD (Biochemical Oxygen Demand), which is a common measure of pollution. This biological process also reduces nitrogen and disease causing organisms in the waste. Our aerobic system can remove up to 98 percent of the organic matter and solids from your wastewater, producing an effluent clean enough to use for irrigation. When fitted with a chlorinator, there is no danger of incidental contact with bacteria.



The blower on the Mighty Mac 500, used to supply air to the treatment system, is very quiet and draws only about 71 watts. Mighty Mac runs on 110v and has a patented high water alarm.

Once your Mighty Mac is installed, there are no unsightly large concrete manhole covers that rise above the ground that tarnish the visual effects of your landscaping. These concrete covers are not only ugly, they are dangerous especially for your children. With Mighty Mac, all you see is a 6" PVC cap.



With a Mighty Mac aerobic system, all the black and grey water used in your home can be returned to your garden. In an effort to conserve water, many homeowners have decided on a desert landscape. But why not enjoy some grass and tropical plants in your yard with the water that goes down your drain? A Mighty Mac aerobic system makes this possible.



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Mighty Mac's are built right here in Mexico by our highly trained personnel under license from the USA. These tanks are made from RFP using a "State of the Art" Chopper gun. Mighty Mac's one piece construction means no leaks and many years of trouble free operation. Quality is our first priority.



Setting the first of eight Mighty Macs

Mighty Mac 500 GPD (3 Bdrms)

Mighty Mac 600 GPD (4 Bdrms)

Mighty Mac 750 GPD (5+ Bdrms)

This installation was completed in one day.

The Mighty Mac Solution

Most people will agree that wastewater is one of their major concerns for the health and safety of their families. Our existing waste treatment plants are overloaded due to the rapid growth in Los Cabos. It seems that even new developments with their own treatment plants are having problems managing their wastewater. Awful sewage smells are very common, monthly maintenance is very expensive and having to pump out wastewater and haul it away is counterproductive and costly. When you consider the cost to build a waste treatment plant, the infrastructure, sewer lines, lift pumps, clean outs, etc., it amounts to a sizeable capital investment and an ongoing maintenance problem and expense.

Mighty Mac offers a solution that deserves your consideration. Our home "mini" aerobic waste treatment plants eliminate smells and environmental pollution, plus you can recover all your household water and irrigate with it. Do the math!!

Miahtv Mac is the better value.



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It's the Law

The Mexican State and Federal laws are very specific when it comes to protecting environmental impact caused by pollution. There is a growing pollution problem caused by existing septic systems, which are fouling our arroyos, aquifers and oceans. All hotels, apartments, homes, etc., that are not connected to a municipal wastewater treatment plant, must provide their own plant and meet Mexico's stringent regulations. By design, septic systems cannot meet these guidelines and are banned in most areas, except for those under financial hardship conditions. Citations are being issued as violations are discovered. There is zero tolerance. Mighty Mac aerobic treatment plants are NSF International certified systems and easily meet Mexico's regulations and are approved for residential and light industrial use.

Warranty

All Mighty Mac Waste Treatment Plants are NSF International certified systems against defects in material and workmanship for two years from date of installation. In addition, each system comes with a two year service and maintenance contract which can be extended.



Mighty Mac 3,000 GPD System

FOR MORE INFORMATION

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