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## Spiral Gold Panning Machines

*Choose the perfect machine to meet your gold processing and recovery needs.*

There is no one gold panning machine that accomplishes everything perfectly, but if you first figure out what you want the machine to do (make rich concentrates full of gold and black sand; completely clean your gold from the junk material) it'll be easier to narrow down the perfect machine for you. And with gold at over \$1,000 an ounce, you don't need to find much to completely pay for your panning machine!



**GOLD MAGIC** (\$205, \$414, \$450): In addition to gold, heavier gem stones (sapphires, rubies, garnets, emeralds, diamonds) can be recovered with this machine, too. 3 models to choose from; works wet or dry. Unique agitator knobs along the outside spirals help break up the sand and soil going through the machine. Pan set at a 45 degree angle. Gold Magic does not use a pump, which can be a big benefit—no worries about the pump clogging, as sometimes happens on other types of gold panning machines. 12-volt battery with built-in battery charger is included. Learn more at [http://www.goldrushtradingpost.com/spiral\\_panning](http://www.goldrushtradingpost.com/spiral_panning)

**DESERT FOX** (\$299, \$319): This portable workhorse weighs under 10 pounds including its rugged folding stand and tub. Operate it right out of the tub, or use it in a stream. Operates on just 3 gallons of water and any 12-volt automotive battery (not included) or even a 35 watt solar panel. Available in constant or variable speed. Seven separate spirals pick up gold seven times with each rotation of the wheel (105 times per minute). The seven spirals dump gold into the tube-shaft which passes into a hanging catch cup. The wheel has a pitch adjustment and water spray system to help "tune out" the black sand. The Desert Fox is mainly a finishing machine, best used in conjunction with a sluice box or other concentrator, and can process 70 pounds of concentrates per hour. Learn more about Desert Fox at [http://www.goldrushtradingpost.com/spiral\\_panning](http://www.goldrushtradingpost.com/spiral_panning)



**GOLD MINER** (\$295.50): Weighs less than 9 pounds, including the rugged carrying case that acts like a reservoir for water. Runs as a recirculating unit on just 3 gallons of water. A recess at the beginning of each spiral causes a rolling effect on concentrates as the pan rotates, resulting in superior recovery of super fine flour gold. Built in agitators vibrate concentrates to settle gold. All components are designed for rugged outdoor use with no lubrication or maintenance. Runs on a 12 volt battery (not included). Get more details at [http://www.goldrushtradingpost.com/spiral\\_panning](http://www.goldrushtradingpost.com/spiral_panning)

**GOLD GENIE** (\$395.50, \$449.50, \$495.50): Gold Genie manufactures three different quality spiral gold wheels that are designed to recirculate water with a 12 volt pump. Controls for both the water volume on the spray bar and the critical angle of the pan are designed to be easily and accurately adjusted. The heavy duty 12 volt motor has a 2 speed switching system. The low speed is about 15 rpms and the high speed is about 22 rpms. The switch allows high speed or low speed. A separate switch is provided for the 12 volt dc water pump so that the unit can operate with or without water. The motor and pump have a total current draw of less than 4 amps. Weighs 25 lbs. More details found at [http://www.goldrushtradingpost.com/spiral\\_panning](http://www.goldrushtradingpost.com/spiral_panning)



# Mountain Goat Trommel

*Finding just a small amount of gold pays for this portable processing machine.*

Speed up your gold processing work and increase gold recovery with the Mountain Goat Portable Trommel. This machine is aptly named because it can eat almost anything and is light enough to carry up a mountain!

The Mountain Goat Gold Trommel is a reverse helix system built on the same principle as the huge mining trommels used by large mining companies all over the world, but this is light and portable. It is not to be confused with gravel pit trommels, though, which are designed to classify gravels.

The Mountain Goat is very efficient because the spiral riffles inside of the tube turn and bring the heavy materials up to the high end of the tube while allowing the lighter materials to flow out of the back of the tube as tailings. This system makes the trommel self-cleaning, which eliminates the need to break down for clean-up as is necessary in sluice box type equipment.

The spiral riffles in the trommel tube are .25 inch deep and spaced .75 inches apart. We suggest your placer material be screened to .5 inch or less even though rocks as large as .75 inch will pass through the tube. There is a nugget trap at the low end of the tube



which should be checked regularly for nuggets larger than .25 inch.

The front legs of the trommel are adjustable to increase the pitch (factory setting has the front legs about 1 inch longer than the back legs).

Any large tray such as a mortar mixing tub (found at most home improvement stores) can be used with 5 gallons of water which is recirculated by the 750 gallon per hour pump. The Mountain Goat can also be used directly in a stream and is a very sturdy machine designed to take a lot of wear and tear!

Length: 32 inches • Width: 16 inches  
Height: 24 inches • Weight: 18 pounds  
Barrel: 4 inches • Water Requirement: 5 gallons  
Pump: 750 GPH INCLUDED • Capacity: 2 yards/ day  
Power: 12-volt battery NOT INCLUDED

Price: \$695 with FREE shipping in the continental USA! For more information, download the field test document (.pdf) and read more details at [http://www.goldrushtradingpost.com/mt\\_goat\\_trommel1](http://www.goldrushtradingpost.com/mt_goat_trommel1)

***Tesoro's Lobo SuperTRAQ is one of the finest gold nugget metal detectors on the market today and also solves a detectorist's greatest problem—ground balancing.***



The Lobo SuperTRAQ is the pinnacle of electronic gold prospecting technology. No other detector gives you the fast, accurate and reliable ground tracking in normal and severe soils like the Lobo SuperTRAQ. No matter where you hunt, Tesoro's Computerized Ground Tracking System quickly self-adjusts to eliminate minerals, allowing you to find more gold with ease. It's also very versatile—not only as a great gold nugget detector, but a very capable coin and jewelry detector, too. Save \$185; sale price \$639.50 with FREE SHIPPING and lifetime warranty. Get more information and complete list of features at <http://www.goldrushtradingpost.com/tesoro>



# Outdoor Equipment and Tools to Make the Task at Hand Easier and More Fun!

**NEW!**

## Woodman's Pal Utility Knife Collection

Designed and built in the USA to the same high quality standards of materials and workmanship as the Woodman's Pal tools... introducing the PRO TOOL UTILITY KNIFE COLLECTION!



### PT100 Hunt Utility Knife

- 3/16" thick carbon steel, with a full tang for durability, deep hollow ground and drop point 3" long
- Overall length 7", annealed, heat treated, blasted and powder coated solar black; weighs 4.8 oz
- The finger grip below and scalloped thumb grooves above, give this Hunter a secure grip and ultimate maneuverability
- 2 piece handle is specially designed for comfort, durability and an awesome look. Custom drawn and individually cut, each piece is of hardwood ash, hand sanded to perfection, then treated with Pro Tool Industries' Pennsylvania German Harvest brown oil stain. Nickel plated heavy duty rivets finish it off
- Includes heavy duty, lightweight, 1800 denier black nylon sheath with belt loop and Molle compatible straps on the back. Sale price \$74.95. Learn more about Hunt Utility Knife at [http://www.goldrushtradingpost.com/pro\\_tool\\_knives](http://www.goldrushtradingpost.com/pro_tool_knives)



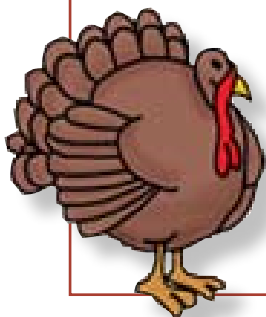
### PT101 Camp Utility Knife

- 3/16" thick, 1075 carbon steel, deep hollow ground and drop point, 5 1/2" long, and full tang
- Overall length 10 7/8", annealed, heat treated, blasted and powder coated solar black; weighs 9.76 oz
- scalloped top thumb grooves for ultimate control
- Comfortable, contoured 2 piece handle is quality designed and constructed of hardwood ash, meticulously hand sanded, then treated with Pennsylvania German Harvest brown oil stain to bring out the gorgeous grain, luster and designs of the wood. The handle is secured with heavy duty nickel plated rivets and a lanyard/ring hole
- Includes heavy duty, lightweight, 1800 denier black nylon sheath with belt loop and Molle compatible straps on the back. Sale price \$84.95. More detail on Camp Utility Knife at [http://www.goldrushtradingpost.com/pro\\_tool\\_knives](http://www.goldrushtradingpost.com/pro_tool_knives)



### PT102 Chisel Utility Knife

- Actually 3 tools in one— a knife, a chisel, and a wedge/prying tool that weighs 1 lb 25 oz and can tear apart a 4' x 4' pallet
- Overall length 10 5/8 inches
- 5/16" 1075 Carbon Steel full tang that allows a generous "flat" on top edge of the knife to strike with your heavy mallet or hammer for maximum force cut
- Flat ground knife edge 4 3/4" long
- Chisel ground tip edge at the end, 1 1/2" long
- 1/2" long x 3/4" wide butt end for striking with a hammer.
- Heat treated, blasted, and powder coated. Two piece contoured hardwood ash handle, hand sanded and treated with Pennsylvania German Harvest Brown oil stain for maximum grain appearance, secured with nickel plated rivets
- Includes heavy duty, lightweight 1800 denier black nylon sheath. Sale price \$89.95 and more info. at [http://www.goldrushtradingpost.com/pro\\_tool\\_knives](http://www.goldrushtradingpost.com/pro_tool_knives)



## Customer Appreciation— FREE "Prospector's Blend" Coffee

At Thanksgiving time, our thoughts turn gratefully to you, our customer, for helping our business succeed. As a special thanks, we'd like to mail you a FREE 1.5 oz. bag of "Prospector's Blend" ground coffee, roasted by Oregon's own Longbottom Coffee and Tea, Inc. and private labeled by Gold Rush Trading Post. Place any order of \$200 or more through November 15, 2009 and enter the word COFFEE under the Extra Information section on the check-out page. We appreciate your business! **THANK YOU!**



# Mysterious Ancient Ruins in Arizona's Verde Valley

*While you're gold prospecting or vacationing in AZ this winter, see what the Sinaguans left behind.*

It's a mystery, really. Standing amidst thousand-year-old stone dwellings that archeologists say were suddenly abandoned in the early 1400s, you can't help wondering what happened. If you're heading to Arizona for a little sunshine this winter, visit the Verde Valley 50 miles south of Flagstaff and formulate your own theory.

Scientists estimated that the dwellings were used for only about three centuries before the area was suddenly deserted. Were the ancient residents driven out? Did they die of disease? Deplete their natural resources? Or perhaps they didn't really disappear, just simply migrated somewhere else? Who would do that and why?

"Who" is easier to answer. The ruins at Montezuma Castle, Montezuma Well, and Tuzigoot National Monuments were once the home of the prehistoric Southern Sinaguans, which is Spanish for "without water." Located in Arizona's Verde Valley, these three National Monuments represent some of the best-preserved cliff dwellings and hilltop pueblos in the Southwest.

## Montezuma Castle

Although it's not really a castle



*Tuzigoot National Monument*

and Montezuma was never there (early explorers and settlers mistakenly thought the Aztecs had built it), the five-story cliff dwelling is certainly majestic. Perched 100 feet above the valley floor, the 20-room fortress is still 90 percent intact, and one of the finest cliff dwellings in the country. Although visitors are no longer permitted to go up into the ruins, Montezuma Castle is easily observed from the park's paved 1/3-mile loop trail, which also meanders through a sycamore grove and along Beaver Creek, one of only a few year-round streams in the state. Interpretive signs along the walkway describe the Southern Sinaguan way of life. Also spend some time inside the visitor center at Montezuma Castle. Beautiful pottery and textiles are displayed, along with other artifacts. Listen in on a ranger program, or join a group walk to learn even more.

## Montezuma Well

Montezuma Well is a separate location from the Castle and was formed when a huge underground cavern collapsed thousands of years ago, the natural limestone sinkhole is 55 feet deep and 368 feet across. Over one and a half million gallons of water a day flow into it from two underground springs. The pretty blue pool is rimmed with unreachable cliff dwellings, but a platform overlooking the site provides a nice aerial view. For a closer look at 800-year old cave ruins, follow the path down to the water's edge. In addition to building homes into the cliffs, the Southern Sinaguans also took advantage of natural caves in the area and built some dwellings at ground level, too. The trail also passes more stone ruins that were once the walls of free-standing pueblos.

## Tuzigoot National Monument

The stone ruins here are very different from the cliff dwellings found at Montezuma Castle and Well. Tuzigoot is the remains of a 110-



*Montezuma Castle National Monument*

room pueblo that sits on a long limestone ridge 150 feet above the Verde River floodplain. And what's especially nice for history buffs is that you can get up close and personal with the dwelling and may even walk inside some of the rooms. Tuzigoot is an Apache word that means "crooked water" and also aptly describes the zigzag appearance of what's left of the structure's walls. Although the stones are original, the park service has reinforced the crumbling mortar with cement. To see the entire pueblo, climb the circular trail that winds up the hill. At the top, you'll be treated to a panoramic view across the wide Verde Valley.

Thanks to physical evidence left behind by the Sinaguans, archeologists have concluded quite a bit about their prehistoric culture and lifestyle. But since no separate Sinaguan tribe exists today, their exact fate will never be known. Conceive your own conclusions by visiting these fragile and irreplaceable ruins, and don't forget your camera because the scenery in Arizona's Verde Valley is first-rate!

For more information, visit <http://www.nps.gov/moca>