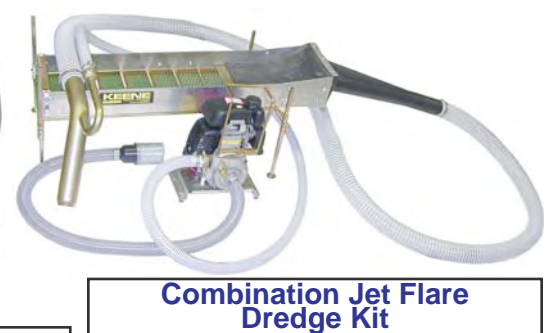


BAP EQUIPMENT LTD.
PORTABLE MINING EQUIPMENT
1-800-561-3600



A52 & A51 POWER SLUICE BOX CONVERSION KITS

CONVERT YOUR HAND SLUICE TO HIGHLY EFFICIENT POWER SLUICE INCREASE PRODUCTIVITY UP TO 1000%



HBCK52 Power Sluice Package

Package includes:

1. A52 Hand Sluice
2. HBCKH Hopper
3. HBCKF Frame
4. STE Sluice Trough Extension
5. HBCKE Engine, pump, intake assembly, pressure hose & 25 feet of nylobraid pressure hose.

Weight 51 lbs.

Shipping weight 80 lbs.

Combination Power Sluice & Dredge Kit HBCK2 2 inch or HBCK25 2 1/2 inch

Package includes:

1. A52 Hand Sluice
2. HBCKH Hopper 2 inch or 2 1/2 inch coupling
3. HBCKF Frame
4. STE Sluice trough extension
5. HBCKE Engine, pump, intake assembly, pressure hose & 25 feet of nylobraid hose coupled.
6. 17' x 1 1/4" pressure hose & coupled
7. A52DR Dredging Riffle
8. HBCKS Classify Screen
9. HBCK2 - 2 inch or HBCK25- 2 & 1/2 inch Dredge Conversion Kit with 15 feet of 2 or 2 1/2 inch suction hose Incl. suction nozzle and bracket

Weight 71 lbs - Shipping weight 95 lbs.

Combination Jet Flare Dredge Kit

HBCKF2 2 inch or HBCKF25 2 1/2 inch Package includes:

1. A52 Hand Sluice
2. STE2F 2 inch or STE25F 2 1/2 jet flare Adapter.
3. HBCKF Frame
4. PPJF20 2 inch or PPJFO 2 1/2 inch Jet Flare
5. HBCKE Engine, pump intake assembly & pressure hose
6. 17' x 1 1/4" pressure hose coupled
7. A52DR Dredging Riffle
8. HBCKS Classify Screen
9. HBCKD2- 15' of 2 inch or HBCKD25 2 & 1/2 inch suction hose and nozzle kit

Weight 71 lbs - Shipping weight 95 lbs.



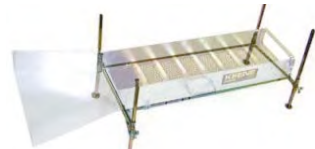
HBCKH Power Sluice Conversion Kit

Marlex hopper with an adjustable classifier, spray bar, built-in adjustable water flow and pressure port controls.

For A51 or A52 sluice.

Weight 10 lbs. - Shipping weight 30 lbs.

HBCKF: Sluice Box Frame with Adjustable Support Legs



The quick release frame adapts to an A51 or A52 sluice box in seconds. A stable platform with adjustable legs for uneven terrain.

Weight 4 lbs. - Shipping weight 8 lbs.



HBCKD2 or HBCKD25 Dredge Conversion Kit

This kit includes an adapter for attaching the suction hose to the hopper, a 2 or 2 1/2 inch suction nozzle, 15 feet of 2 or 2 1/2 inch suction hose, necessary hardware and clamps.

Weight 7 lbs. - Shipping weight 14 lbs.



HBCKE P-90G Pump Kit

Includes Honda 2.5 hp, 4 cycle engine and pump, intake foot valve assembly and 25 feet of 1 1/4 inch nylobraid pressure hose. Provides great power for even a 2 1/2 inch dredge.

Weight 30 lbs. - Shipping weight 35 lbs.



STE2F A52 Jet Flare Adapter

Sluice trough extension is necessary when adapting a 2 inch jet flare hopper to a A52 sluice box.

Weight 6 lbs - Shipping Wt 8 lbs

STE25F A52 Jet Flare Adapter

2 1/2 inch Jet Flare adapter. when adapting a 2 1/2 inch jet flare hopper to a A52 sluice box

Weight 7 lbs. Shipping weight 9 lbs.



A52DR Dredging Riffle A51DR Dredging Riffle

Larger, deeper sluice riffle tray for A52 or A51 sluice box riffle for use in dredging.

Weight 4 lbs. - Shipping weight 6 lbs.



STE Sluice Extension:

A sluice trough extension is necessary when adapting a power sluice hopper (HBCKH) to an A52 Sluice Box.

Weight 2 lbs - Shipping weight 4 lbs



HBCKS Classify Screen

For use with A52 and A51 Sluice box riffle for dredging. Weight 2 lbs. Adapted for Model HBCKH Hopper Shipping weight 4 lbs.

POWER SLUICE CONCENTRATOR & DREDGE COMBINATIONS



The Power Sluice Concentrator

Rather than haul material to the water, you can bring a lightweight, efficient power sluice to the source. The power sluice can process and recover values from remote placer deposits hundreds of feet away from the water source. The hopper design washes gravel, clay and debris with a high pressure washing spray bar and all washed material then is classified to minus 1/2 inch in size for selective recovery. The spray bar is equipped with a water valve for ease



of controlling the flow into the sluice. A garden hose port on the manifold can be used for cleaning cracks and crevices in the bedrock and assist in cleaning the sluice tray. The sluice itself is constructed with heavy duty latches, rolled top edges and an effective hopper adjustment system. The recovery system features ribbed black rubber matting for quick visual identification of values, Hungarian riffles over miner's moss for fine gold recovery and expanded metal over ribbed matting for final separation. Equipped with an adjustable independent leg support system that enables the power sluice to be assembled on any type of terrain in a matter of minutes.

MODEL 173 2 1/2 INCH POWER SLUICE CONCENTRATOR

Powered by a 3.5 HP Briggs and Stratton engine and PHP160 pump. Equipped with 25 feet of 1.25 inch pressure hose, FVA20E Foot valve and hose assembly. Sluice Box Dimensions: 48 inches long x 12 inches wide - Weight: 82 lbs. - Shipping weight: 185 lbs.

MODEL 175 3 INCH POWER SLUICE CONCENTRATOR

Powered by a 6.5 HP Briggs and Stratton engine and P-185 pump. Equipped with 50 feet of 1.5 inch pressure hose, FVA25E Foot valve and hose assembly. Sluice Box Dimensions: 48 inches long x 12 inches wide - Weight: 90 lbs. - Shipping weight: 245 lbs.

MODEL 17325



The Power Sluice Combinations

Keene has combined the popular power sluice and portable dredge to create an entirely efficient recovery system that can be used in most any situation. This versatile machine can be equipped with a 2 1/2 or 3 inch suction hose for dredging. The sluice box works extremely well for dredging because the material is pre-classified before entering the sluice box. Combination units are ideally suited for shallow water areas with the power sluice being so simple to set up and requiring less water than a standard dredge to operate. The 175 model series can also be equipped with an air compressor for diving.

MODEL 1753H



MODEL 17325 POWER SLUICE COMBO 2 1/2 INCH DREDGE

Model 173 Dredge Conversion with the addition of a 2 1/2 inch dredge suction nozzle, 15 feet of 2.5 inch suction hose and 17 feet of additional pressure hose to extend the suction system. Weight 98 lbs. - Shipping weight 185 lbs.

MODEL 1753 (Briggs & Stratton) or MODEL 1753H (Honda) POWER SLUICE COMBO 3 INCH DREDGE

Model 175 Dredge Conversion with the addition of a 3 inch dredge suction nozzle, 15 feet of 3 inch suction hose and 17 feet of additional pressure hose to extend the suction system. Weight: 107 lbs. - Shipping weight: 245 lbs.

POWER SLUICE CONCENTRATOR & DREDGE

1753 Mounted on PFA45A Float Kit



3 Inch Floating Dredge & Power Sluice A Standard "Power Sluice" combination dredge Model 1753 mounted on a sturdy set of floats.

Operate as a floating dredge or bank mount for operation in shallow stream beds. Can also be operated hundreds of feet away from the water source when used as a "power sluice". An optional air compressor system for diving underwater is also available making this is an extremely versatile package.

Model PFA45A Flotation Conversion Kit

Convert your Power Sluice. Weight 45 lbs. - Shipping weight 210 lbs.

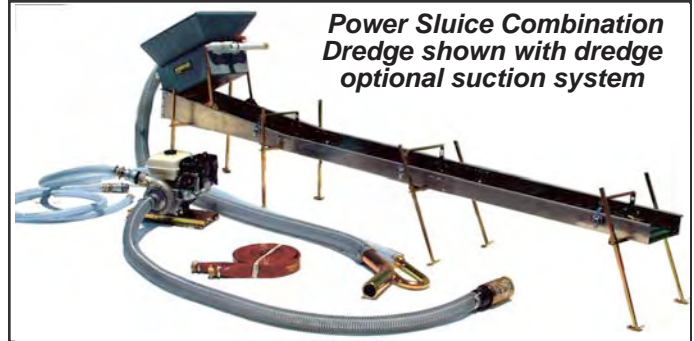
Speciality Power Sluices and Combo Dredge For Gold and Gem Recovery

Keene Engineering designs and manufactures a variety of special purpose dredges and power sluices for a variety of applications, including gold and gemstone exploration.

Extended Power Sluice is designed for recovery of extremely fine gold, diamonds and gemstones.

These machines have been commonly used in the fields of Africa and are ideal for pilot sampling prior to starting large scale operations. Designed to be a lightweight, portable concentrator that is suitable for the recovery of extremely fine gold and gemstones. This system has evolved from our Model 175 and 1753, with sluice box extensions that measure 4 feet

in length and 12 inches in width. Each sluice extension will increase the recovery of values and extend the time between cleaning the sluice of concentrates. Each sluice extension is equipped with a conversion kit including suspension support legs that give added support for any terrain. Specify recovery for Gold, Diamonds or both as they have different riffle configurations. Available as a concentrator for large operations. The Power Sluice Combination Dredge is equipped with a 3 inch diameter suction system that is 20 feet in length. This combination makes it possible to vacuum material directly into a collection hopper where it is washed, separated and classified.



Model	Combination Power Sluice	Sluice Dimensions	Engine & Pump	Pressure Hose	Foot Valve	Suction Hose	Weight	Shipping Wt.
175X8	Concentrator	8 Feet x 10 inches	P185 - GX200 Honda	50 ft. NH1.5	FVA25E	N/A	112 lbs.	194 lbs
175X12	Concentrator	12 Feet x 10 Inches	P185 - GX200 Honda	50 ft. NH1.5	FVA25E	N/A	112 lbs.	194 lbs
1753X8	Combination Dredge	8 Feet x 10 inches	P185 - GX200 Honda	50 ft. NH1.5	FVA25E	3" x 20'	172 lbs.	264 lbs
1753X12	Combination Dredge	12 Feet x 10 Inches	P185 - GX200 Honda	50 ft. NH1.5	FVA25E	3" x 20'	192 lbs.	264 lbs

HIGH PRODUCTION POWER SLUICE AND COMBINATION DREDGE



This Power Sluice is 20 inches wide and 8 feet long and capable of processing up to four cubic yards per hour. Model 17720CA includes only the concentrator less motor and assessor hoses. Model 17720 comes complete with a P185H motor and pump FVA 25E intake assembly and 50 feet 2 inch Nylobraid hose with couplings to complete the system. Model 177203 is equipped with a 3 inch suction nozzle and 20 feet of 3 inch suction hose. This combination makes it possible to vacuum material directly into a collection hopper where material is washed, separated and classified. Designed to accommodate additional extension sluices in 5 foot lengths. Model 17720 includes the 5 foot extensions that can be added easily and includes support legs.

Model	Description Power Sluice	Sluice Dimensions	Engine & Pump	Pressure Hose	Foot Valve	Suction Hose	Weight	Shipping Weight
17720CA	Concentrator	8 Feet x 20 inches	N/A	N/A	N/A	N/A	110 lbs.	205 lbs.
17720	Complete with engine & pump	8 Feet x 20 inches	P185 - GX200 Honda	50 ft. NH2	FVA25E	N/A	183 lbs.	287 lbs.
177203	Combo & Dredge	8 Feet x 20 inches	P185 - GX200 Honda	50 ft. NH2	FVA25E	20 feet	228 lbs.	338 lbs.

NEW CLEAN UP POWER SLUICE WITH MIRACLE MAT

New!



Model 176124CA Concentrator 12 inches wide x 7 feet long



This light weight and compact machine is designed primarily for cleaning the concentrates for larger dredges. It can also provide excellent recovery in the field as a power sluice concentrator. Experience amazing recovery with our **Miracle Mat** sluice riffle. Equipped with an adjustable spray bar and stainless steel mesh on the hopper. Can be powered by the auxiliary outlet on your dredge pump or a (P90G) 2.5 hp Honda & pump. Check Keene Engineering's web site for video presentation.

MODEL	Description Power Sluice	Sluice Dimensions	Engine & Pump	Pressure Hose	Foot Valve	Capacity Per hour	Weight	Shipping Weight
176124CA	Concentrator	4 feet x 12 inches	N/A	N/A	N/A	.25 Cubic yds	35 lbs.	117 lbs.
17612425	Combination	4 feet x 12 inches	P90G 2.5 hp Honda	50 ft. NH1.1/4	FVA15	.25 Cubic yds	65 lbs.	117 lbs.
176127CA	Concentrator	7 feet x 12 inches	N/A	N/A	N/A	.25 Cubic yds	45 lbs.	117 lbs.
17612725	Combination	7 feet x 12 inches	P90G 2.5 hp Honda	50 ft. NH1.1/4	FVA15	.25 Cubic yds	80 lbs.	117 lbs.

HIGH PRODUCTION POWER SLUICES WITH MIRACLE MAT



On the beach at Nome Alaska



New!

World's best system - Recover micro fine gold down to 300 mesh

This new commercial power sluice has been designed and tested in the beaches of Nome Alaska where ultra fine gold recovery and larger capacity is required. Designed to accommodate additional connecting sluices for prolonged run time and greater capacity. This sluice is lined with our new rubber molded **Miracle Mat Riffle** that is acclaimed to be the most effective gold separating device on the market. The sluice box is 6 feet in length and 24 inches wide and breaks down into two connecting sections, each supported by adjustable legs. The top hopper is designed with 3/16 inch woven wire mesh to classify the size of material entering the recovery box. Check Keene Engineering's web site for new video presentation. Capacity 1 1/2 cubic yds. per hour

MODEL	Description Power Sluice	Sluice Dimensions	Engine & Pump	Pressure Hose	Foot Valve	Suction Hose	Weight	Shipping Weight
17624CA	Concentrator	6 Feet x 24 inches	N/A	N/A	N/A	N/A	65 lbs.	122 lbs.
176244	Combination	6 Feet x 24 inches	PHP1604 - GX120 Honda	50 ft. NH1.5	FVA20E	20 feet 3 inch	150lbs.	215 lbs.

SUPER CONCENTRATOR



New Riffle Design Recovers Micro-Fine Gold (Miracle Mat)



Close upside view of new Miracle Mat rubber riffle

Model KSCR Keene Engineering has developed the perfect concentrator riffle so you can experience fine gold recovery never before achieved with a sluice box. This is a professional clean up tool constructed of quality parts that are built to last. The first Hungarian riffle molded into a rubber mat and built into a portable concentrator sluice measuring 44 inches long by 8 inches wide with built in header box, plumbed with an adjustable flow valve to meter water flow and separate spray nozzle for clean up. Included with adjustable brackets, two 5 gallon buckets and a 12 volt 1100 GPH pump. Capacity 100 lbs. per hour. Operates for 8 hours on a typical automobile battery. Battery not included. Weight 25 lbs. Shipping weight 75 lbs.

MIRACLE MAT is also sold separately by the inch (up to 35 inches).

Model 140 Vibrostatic® Backpacking Concentrator With "New Hi Vac" System

140 Features:

- ◆ Super light weight construction, weighs only 20 lbs.
- ◆ Super compact, folds down into a 11" x 21" x 31" Package.
- ◆ Steel legs fold up into packing position in seconds.
- ◆ Extremely quick and easy to assemble, requiring no tools.
- ◆ Can be assembled in less than one minute.
- ◆ Adjustable oscillating vibrator.
- ◆ Dual action riffle design for any gravel conditions.
- ◆ Large feed hopper holds up to 2 1/2 gallon capacity.
- ◆ Adjustable flow gate controls flow of material over riffle.
- ◆ Attaches to pack frame in seconds.
- ◆ Operates with a "yard" type leaf blowers system.
- ◆ Large capacity - Up to 3/4ths of a cubic yard per hour.

Model HVS The Hi Vac System Weight 15 lbs.

A powerful gas powered dry vacuum system that can power an efficient dry washer and also can literally vacuum and clean gold deposits from cracks, crevices and moss. Get the all the gold that you have been missing! Runs all day on just one gallon of gasoline.

Includes: crevice nozzle, vacuum crevice tool, A27 crevice tool, 6 foot suction hose, 2 cycle engine oil, 10 inch gold pan, Gold Prospector's Digest.

With new screw on lid with double port and plug. Shipping weight 30 lbs.

Model 140 Dry Washer Weight 20 lbs. Super light weight construction, folds down into a 11" x 21" x 31" package. Steel legs fold up into packing position in seconds. Easy to assemble, requiring no tools. Adjustable oscillating vibrator. Dual action riffle design for any gravel conditions. Large feed hopper holds up to 2 1/2 gallon capacity. Adjustable gate controls flow of material over riffles. Achieve excellent gold recovery with electrostatic charge and our oscillating vibration. Large capacity - can handle up to 3/4ths of a cubic yard per hour. Shipping weight 70 lbs.

Model 140HVS (Hi Vac Power System with Model 140) Weight 35 Lbs.

Save with this perfect match for efficiency and portability. Complete with all the accessories to start a dry washing operation. Comes complete with 8 feet of 3 inch hose and clamps to connect the two units. Use as a dry vacuum. Shipping weight 70 lbs



Model 140
Mini Dry washer
shown with
"Hi Vac System"



Weights Only 20 lbs.
Shipping weight 70 lbs

Includes:

Dry vacuum crevice nozzle, A27 crevice tool, snifter bottle, six foot suction hose, 2 cycle engine oil, 10 inch gold pan and Gold Prospector's Digest.

Backpack (BP4) not included See page 26 for BP5

Model 151 Vibrostatic® Concentrator with Hot Air induction Patent #4615797

We are very proud of our Model 151 dry washer and all of its exceptional features.

We are certain you will find it easier to set up and achieve performance never before experience in a portable dry processing machine.

High velocity air passes through the concentrator creating an electrostatic charge to attract gold and other metalliferous values. The hot air from the engine is ducted into the radial blower, preheating the air and concentrator to 50 degrees above ambient temperature. Creating increased static electric charge making it possible to process a higher capacity of material. The adjustable oscillation system creates increased vibration and air flow at lower engine speeds which also increases fine gold production, especially in damp ground conditions. Equipped with an extra large hopper for greater capacity with steeper sides preventing material build up. The folding frame makes this model a dream for quick and easy set up. Weight 75 lbs. Shipping weight 115 lbs.



Honda Engine
& Blower with
Hot Air
Induction



Improved riffle design and vibration action will increase production up to 50% and improve fine gold recovery. The new riffle design also provides greater convenience for quick and easy cleanups.



Engine	Radial Blower	Discharge	Fuel Capacity	Fuel Consumption	Capacity
GCV160 Honda	4" x 2000 CFM	8' x 4" Vinyl Hose	1 Quart	3 Hours per gallon	Exceeds 2 Tons per hour

MIGHTY MIDGET DRY WASHERS - HAND CRANK OR BATTERY POWERED

Mighty Midget Dry Washers are the lightest, most compact and efficient on the market.

Operate with either the hand crank mechanism or battery power

Principals of recovery:

1. Air Gravity Separation: The material is placed in suspension by the blowing action of the bellows passing air up through the cloth. The heavier material & black sand settles and becomes entrapped behind the riffles.

2. Vibration Concentration: The crank action vibration from the bellows assists in settling the heavy values.

3. Large Hopper: The oversized Marlex hopper with an adjustable flow control gate provides an even flow of material, increases capacity and improves recovery.

4. High Production Recovery Design: The Dual Riffle Design enables higher production and improved fine gold recovery. The riffle tray is removed easily with the use of our advanced snap latching system, making the clean up process quick and easy.

5. Vibrating Shaft and Bellows: Easy turning hand crank or optional 12 volt motor operates the vibrating crank shaft causing the heavier materials to settle faster for improved recovery.

Model DW2: Hand crank model. Weight 32 lbs. - Shipping weight 70 lbs.

Model DW12C: 12 volt electric conversion kit for DW2 (Convert hand crank to 12V electric drive and have both). Requires one 12 volt battery (not included). Weight 8 lbs. - Shipping weight 11 lbs

Model DW12V: Combination electric driven and hand crank model.

Requires one 12 volt battery (not included). Weight 40 lbs. - Shipping weight 50 lbs.



Folding design for backpacking

REVOLUTIONARY SPIRAL CONCENTRATOR GW25



Professional 25 inch spiral gold wheel produces unparalleled performance. Recover ultra fine gold better than anything you have ever seen before. This amazing recovery is due to its soft rubber spiral wheel that has an extremely sharp, cupped edge riffle. Experience precise and smooth speed control with a geared, multi-bearing spiral wheel. Equipped with electrical back panel with replaceable fuse, speed control, plug in battery, pump terminals and on/off switch. Another unique feature is the metered gold tube that easily screws into the back of the wheel to remove values and a black sand collection funnel to collect concentrates during initial run. Equipped with a flow controlled manifold with additional ports for 2 perimeter jets that balance the flow of material entering the bowl. The water flow tube has metered water jets for precise flow. Attach the three stainless steel legs and connect a 12 volt battery and your ready to witness the most advanced recovery spiral system on the market today. Includes a 750 gallon per hour 12 volt pump, wash down hose, nozzle, filter sieve and a solid recovery gold pan. 5 gallon bucket & battery not included. **Model GW25** Weight 28 lbs. Shipping weight 40 lbs. Capacity up to 400 lbs. per hour

Spiral Automatic Feeder Model GWF

This unit provides an automatic feed to the bowl. Pour your concentrates into feeder trough, adjust water flow and watch the results. This new automatic feeder adapts easily to the Spiral Gold Wheel. Simply connect it to the port provided on the lower left side of the bowl. Kit includes: Multi adjustable arm, an adjustable spray bar and manifold with swing away feature for access to wheel for cleaning. Feeder tray with multiple adjustment knobs, battery terminals, manifold feeder including all hoses and clamps.

If your unit does not include the new 1100GPH pump, you must purchase an additional pump for the kit. See special kit pump K1100 gph for additional 12 volt pump with adapter. Weight: 4 lbs. Shipping weight 10 lbs.



MODEL ST 1 SHAKER TABLE WITH MAGNETIC SEPARATOR

This compact shaker table will concentrate gold as well as other values down to 500 mesh and will process up to 250 lbs. per hour of placer or hard rock material. Ideal for use with large rock crushers and active placer operations. Table will process material as large as 1/4 inch and is equipped with built in nugget traps. All eccentrics have ball bearings for long life and precision action. Equipped with a magnetic agitator that helps liberate the gold and provides superior recovery.

Table has 4 discharge ports:

Port #1: Pure Gold - Port #2: Roughing Port

Port #3: Midlings - Port #4: Tailings

Table must be bolted down. Requires 110 Volt power source.

Dimensions: 43 inches long x 17 inches wide

Weight 60 lbs. Shipping weight 100 lbs.

Model ST1B Welded steel base not included

Dimensions 30" x 22" x 21" Shipping weight 75 lbs



Shown with optional base

SUPER CONCENTRATOR



New Riffle Design Recovers Micro-Fine Gold (Miracle Mat)



Close upside view of new Miracle Mat rubber riffle

Model KSCR Keene Engineering has developed the perfect concentrator riffle so you can experience fine gold recovery never before achieved with a sluice box. This is a professional clean up tool constructed of quality parts that are built to last. The first Hungarian riffle molded into a rubber mat and built into a portable concentrator sluice measuring 44 inches long by 8 inches wide with built in header box, plumbed with an adjustable flow valve to meter water flow and separate spray nozzle for clean up. Included with adjustable brackets, two 5 gallon buckets and a 12 volt 1100 GPH pump. Capacity 100 lbs. per hour. Operates for 8 hours on a typical automobile battery. Battery not included. Weight 25 lbs. Shipping weight 75 lbs.

MIRACLE MAT is also sold separately by the inch (up to 35 inches).

\$8.00 per linear inch x 35 inches wide. Item #KSCRM.

Professional Stacking Screens. PSC 4 through PSCS12



Our newest screen stack and twist lock into place with stainless steel screens and high impact side walls that allow you to use this for sizing gold pieces as well as concentrates.

Complete Set

These screens may be purchased individually or as a full 12 piece set. They are all 4" in diameter and comes in sizes (#4, #6, #8, #10, #12, #14, #16, #18, #20, #30, #50, and #100 mesh) with a lid and a bottom tray. They stack together with one another and may be used like a cocktail shaker. The complete set is offered that includes all of the sieves listed below, plus top cap and base.

PSCS12 . Complete Set of 12 Sieves Shipping weight 4 lbs. Individual shipping weight per sieve is 2 lbs.

Part #	PSC4	PSC6	PSC8	PSC10	PSC12	PSC14
Size	4 mesh	6 mesh	8 mesh	10 mesh	12 mesh	14 mesh
Part #	PSC16	PSC18	PSC20	PSC30	PSC50	PSC100
Size	16 mesh	18 mesh	20 mesh	30 mesh	50 mesh	100mesh

Model GCB Gold Concentrating Bowl



For optimum performance use Stacking screens PSCS112

Recover fine gold quickly and easily from water flow of a garden hose, or battery powered pump. Uses only 3 gallons of water per minute. No parts to wear out or replace. Made of high impact plastic. Take it with you to the field, set it up on its compact folding legs. Requires screening for proper use Size: 13 inches x 5 inches Weight 3 lbs. Shipping weight 4 lbs.



SUPPORT LEVELING CLIPS Model GCBSLC

Support leveling clips for operation of the bowl on a 5 gallon bucket. Attach 3 support clips to the top of the bucket enabling the operator to level the bowl. Shipping weight 1 lb.



ROCK CRUSHERS

Model RC1 Rock Crusher

This amazing rock crusher is ideal for the gold prospector who is interested in a light-weight and economical high-speed machine. Material is gravity fed into the hopper and drops into the center of a high-speed tube. The centrifugal force throws the rock into a hardened steel impact wall at speeds in excess of 400 miles per hour. The harder the rock, the easier it shatters into powder. If any uncrushable particles are fed into the unit it will automatically pass them without damage or hesitation. When affixed to a five-gallon bucket, this unit provides a very low dust environment. Ideal for crushing all types of quartz, schist, limestone and much more. This machine is also ideal for crushing black sand concentrates to release any encapsulated micron gold. Mounted to a vertical 5 hp. engine, capable of producing up to 100 pounds of grind an hour in a single pass. Multiple passes are required for finer grinds. Designed primarily as a pilot mill and not a production machine. This unit will handle a maximum rock size of approximately one inch. **5 Gallon bucket not included** Weight 85 lbs. - Shipping weight 100 lbs. # RC1CB Replacement Crusher Blades are now available.



Model RC-46 Rock Crusher with "Roller Scraper" Amazing 3 Stage Compact Rock Crusher

Model RC-46 quickly crushes 4" x 6" Rock into ultra fine powder. Over 50 years of manufacturing has proven this model to be a tried and tested reliable work horse. Rock is quickly crushed into 1/8 inch in size through the first stage jaw crusher and automatically delivered into the roller mill which reduces the material into fine powder. Material is then processed through the roller scraper, that further reduces the material into "Fine Powder". If finer grinds are required you can run the material the 2nd time. Engineered for the professional for continuous duty operation and years of dependable service. Designed for production with the highest quality material and components available. Built as compact as possible for ease of handling and maneuverability. Comes equipped with trailer for easy handling and transportation, or permanent base for stationary applications. Oversize material may require an additional pass. All replaceable and wear parts are designed with the operator in mind for easy adjustment and replacement in the field. Powered by an GX390 Honda engine with a 6 to 1 gear reduction for dependable service.



Model RC46T

Model RC46



Model RC46E



RC-46 Rock Crusher Specifications

Jaw Size 4 inch x 6 inch
 Roller Size Two 6-inch rollers
 Roller Scraper Spring loaded
 Wear Plates Replaceable
 Wear Parts #4340 Hardened Steel
 Browning Tapered Roller Bearings
 Capacity Up to 1 ton per hour.
 Weight Base Mounted Weight 570 lbs.
 Shipping weight 630 lbs.
 Size: 21" x 48" x 43"

Model RC46T Trailer Mounted

Weight 660 lbs. Shipping weight 760 lbs.
 Size 50" x 48" x 74"

Model RC46E Electric Driven

Electric, base mounted & powered with a heavy duty 7.5 hp, 230 volt or 460 volt 3 phase. Weight 570 lbs. Shipping weight 630 lbs. Size 21 "x 48" x 43"

NEW RC-812 SERIES ROCK CRUSHER

Model RC-812 Rock Crusher 2 Stage Compact Rock Crusher

Model RC-812 quickly crushes 8 inch x 12 inch Rock into fine powder. Over 50 years of manufacturing has proven this model to be a tried and tested reliable workhorse. Rock is quickly crushed into 1/4 inch in size through the first stage jaw crusher and automatically delivered into the optional roller mill, which reduces the material into fine powder down to 80 mesh. Material is then processed through an additional roller that further reduces the material down to 150 mesh. Engineered for the professional for continuous duty operation and years of dependable service. Designed for production with the highest quality material and components available. Built as compact as possible for ease of handling and maneuverability. Comes equipped with an optional trailer for easy handling and transportation, or permanent base for stationary applications. All replaceable and wear parts are designed with the operator in mind for easy adjustment and replacement in the field. Powered by a 25 HP diesel engine with a 6 to 1 gear reduction transmission for dependable service.



Our new RC-812 is currently under development pending a new power source. Available soon.

KEENE'S INGENIOUS FOLDING SLUICE BOX A52P

This is a folding sluice box that folds into a small nylon bag (shown below right). Its 10 inch wide sluice box has an amazing rubber riffle design that works fantastic in both fast and slow water conditions. The 18 inch wide flare is equipped with its own mini riffle design for early reading. We have tested the riffle design for several years and are amazed at its high capacity and exceptional fine gold recovery. This sluice has exceeded our expectations in performance and we are confident that this will change the way sluice boxes are built in the future. The two recovery sections are 20 inches in length, totaling 51 inches overall. It weighs only 9 pounds and is designed to hold up in harsh field conditions. Another great feature is this unit can be made longer or shorter by adding or subtracting sections. Shipping weight: 12 lbs.



Folded Dimensions:
21" x 12" x 3"

**New
& Improved**

KEENE'S WORLD FAMOUS SLUICE BOXES

Produce quantities of concentrates ten times faster than panning.

A51A - Super Mini Sluice:

The lightest most compact sluice box with all the features of a professional sluice. Including removable flare for backpacking. Ideal for small creeks and for testing small placer deposits. Size: 33 inches long x 6 1/2 inches wide, 4.5 inches high with 11 inch flare. Weight 5 lbs. Shipping weight 8 lbs.



**Heavy
Duty Latches**

A51 - Mini Sluice

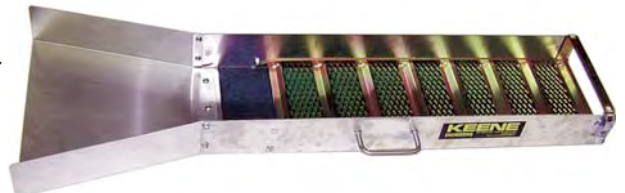
The standard sluice for lightweight prospecting. Our most popular medium size sluice for all around use. Handle for balanced carrying. Size: 36 inches long x 10 inches wide x 4.5 inches high Weight 5 lbs. Shipping weight 12 lbs.



A52 - High Production Hand Sluice

This sluice box has been the standard of the industry for decades. Designed with a wider flare for increased flow and made longer for greater capacity. Can also be upgraded to a power sluice. The flare is detachable for storage and packing. Handle for balanced carrying.

Size: 51 inches long x 10 inches wide x 4.5 inches high with a large 18 inch flare. Weight 11 lbs. Shipping weight 16 lbs.



New!



Sluice Box Extension Adapter A52EB (sluices not included)

This adapter connects the sluice box extension to a A52 sluice box.

Extend your A52 sluice box an additional 3 feet with this extension bracket to double the recovery of concentrates and fine gold especially in heavy black sand conditions. (A52EB). Some drilling & assembly required. Weight 1lb. Shipping weight 2 lbs. Use an additional A52 for the extension.

WINCH ACCESSORIES



HDHOW - Heavy Duty Hand Operated Winch - This super heavy duty hand operated winch has a lift capacity of 4000 pounds and a pull capacity of 8000 pounds. This rugged, portable pulling power winch is constructed of malleable iron and is equipped with 40 feet of 5/16" industrial steel cable. 2 Year Warranty. Shipping weight 30 lbs.



**WRC100
Heavy Duty Winch
Cable**

3/8th inch braided galvanized steel aircraft cable. Designed for use with our HDW1 Heavy Duty mechanical winch. Cable comes 100 feet in length with one end complete with hook and bare end for attaching to the winch. Shipping weight 30 lbs.



**WRC
Rock
Choker**

This rock choker is ideal for pulling out large boulders, trees and other large obstructing material. The choker simply slips around then tightens like a slip knot. Very easy to set and release with a quick release loop block. Cable measures 18" x 3/8". Shipping weight 14 lbs.



**WRN
Rock
Net**

This 12 foot long rock net is a must for any boulder moving operation and takes only a few minutes to set up. The rock nests securely in the net with only minimal slippage. Constructed of 3/8" heavy duty 8000 pound test cable. Shipping weight 16 lbs.



WSB - Snatch Block

This 4 inch snatch block can nearly double the capacity of any winch and has a capacity of up to 7000 pounds! Can be used with either a 5/16" or 3/8" cable. Shipping weight 8 lbs.

GOLD PANS - SIEVES - PROSPECTING ACCESSORIES



Super 3 Stage Gold Pans SP12 & SP14

Pan three times as fast as a conventional gold pan. Has three surfaces that perform specialized tasks. **1st.** - The coarse riffled area is used to "rough out" the majority of the material. **2nd.** - The textured area is used to pan any remaining black sands. **3rd.** - Use the "smooth surface" until only gold remains. Green color. Lifetime guarantee. Shipping weight 2 lbs.
SP12: 12 inch diameter 3 Stage Gold Pan
SP14: 14 inch diameter 3 Stage Gold Pan



New Blue Gold Pans

Ideal gold pan for beginners or pro's. Includes deep ribs for quick panning and small ribs for fast final panning with large base. The bottom of the pan has a sticker showing basic gold panning instructions.

GPB10 10" Pan
GPB14 14" Pan

GPB12 12" Pan
GPB16 16" Pan

Original Black Plastic Gold Pans



Our heavy duty black plastic gold pans have been considered the standard in the industry for decades. Designed with riffles, a drop center bottom that will trap fine gold and a textured surface to help prevent a loss of values. Lifetime guarantee. Shipping weight 2 lbs. Available in three sizes:
GPP10-10" Pan
GPP14-14" Pan - GPP17-17" Pan



Copper Gold Pans

These heavy, pure copper gold pans are an absolute must for your collection. These beauties can even be used for awards or presentations. Available in six sizes. Shipping weight 2 lbs..
GPC6 6" GPC12 12"
GPC8 8" GPC14 14"
GPC10 10" GPC16 16"



Steel Gold Pans

Heavy duty gold pans. Improved design with drop center gold trap and wide leading edge for faster and easier panning. Shipping weight 2 lbs..
GPS6 6" GPS12 12"
GPS8 8" GPS14 14"
GPS10 10" GPS16 16"



Garrett Gold Pans

A popular gold pan. This ABS green plastic gold pan features a "gravity trap riffle" design and comes with a lifetime guarantee. Available in two sizes. Shipping weight 2 lbs.
GPG10 10" diameter
GPG14 14" diameter



Ribbed Steel Gold Pans

Steel gold pans with riffles spun entirely around the pan. A handy hole in the rim of the pan for hanging from belt. Available in four sizes. Shipping weight 2 lbs.
GPE10 10" diameter
GPE12 12" diameter
GPE14 14" diameter
GPE16 16" diameter



PART	SIZE	MESH
CS2	.50"	2
CS4	.25"	4
CS8	.13"	8
CS12	.08"	12

PART	SIZE	MESH
CS20	.05"	20
CS30	.03"	30
CS50	.02"	50
CS100	.01"	100

The World Famous Keene Classifying Sieves

The Stackable CS Series Sieves allow you to stack several sieves together for graduated classification. Classify your material before processing it through your sluice box, concentrator, gold pan etc. These sieves fit over most 5 gallon buckets for complete convenience and ease in processing. Made of stainless steel mesh and the same high impact plastic you have come to know and trust from Keene products.

Dimensions: Top 14" - Bottom 11" - Height 4 3/4" Shipping weight 2 lbs.



SGP3 Stackable Relic Sieve

Our popular high impact plastic sieve enable screening out of waste gravel over 3/8 of an inch in size. Virtually cut your panning time in half. Same Dimensions as CS. Shipping weight 2 lbs. Fits snugly on top of a 5 gallon bucket.



IMPROVED BLUE CLASSIFYING SIEVES



The sealed retainer ring blue stackable Classifier sieves allows stacking several sieves together for graduated classification. The blue sieves lock into position with a 1 1/2 inch gap between the screens. This feature allows you to stack screens and size your material at one time. The screens can be stacked close together for backpacking into remote areas and is ideal for storage and shipping. You can stack 13 sieves in 12 inch tall stack. Sieves fit over most 5 gallon buckets. Constructed with stainless steel mesh and high impact plastic frame.

Dimensions: Top 14" - Bottom 11" - Height 3" Shipping weight 2 lbs.

PART SIZE MESH

BCS2	.50"	2
BCS4	.25"	4
BCS8	.13"	8
BCS12	.08"	12
BCS20	.05"	20
BCS30	.03"	30
BCS50	.02"	50
BCS100	.01"	100



GBS1 Gold Bottle Snifter

Extract gold and values from a gold pan with suction. Squeeze bottle and release to draw gold into bottle. Ideal for depositing gold into specimen bottles. Shipping weight 1 lb.

GBSBS Gold Bottle Sheath

Soft leather belt sheath holds the gold bottle sniffer on belt or belt loop. Ideal for field use. Shipping weight 1 lb.



GD Gold Drop

Often gold can be held in suspension by oils present in material while panning or using a small concentrator. Gold drop corrects that in a jiffy by doing exactly what the name says! 2 fluid ounces. Shipping weight 1 lb.



A28A Big Orange Gold Magnet

This magnet is a must for removing magnetic sand from dredge and dry washer concentrates. Works wet or dry, instructions included. Weight 10 oz. Shipping weight 1lb.



A28 Gold Magnet

A must for every prospector. Extracts magnetic sand from gold concentrate or black sand. Depress button to pick up magnetic sand and release button, sands fall free from Gold Magnet. Shipping weight 1 lb.

MORE PROSPECTING ACCESSORIES



Sample Bottles

Quality clear glass and plastic vials are used as a standard measure for determining approximate weight of gold. Ideal for displaying gold specimens and your fine gold.
(Part numbers with "P" indicate plastic bottle.)

Part #	Capacity	Size
A17	2 dwt.	1 1/4" x 1/4"
A18	1/2 oz.	1" x 1/2"
A18P	1/2 oz.	1" x 1/2"
A19	1 oz.	1 3/4" x 1/2"
A19P	1 oz.	1 3/4" x 1/2"
A20	2 oz.	2 1/4" x 3/4"
A72	3 oz.	2 1/2" x 3/4"
A73	3.5 oz.	2 3/4" x 3/4"
A86	4 oz.	2 1/4" x 1"
A87	6 oz.	2 3/4" x 1"
A88	9 oz.	3 3/4" x 1"
A89	10 oz.	4 1/4" x 1"



Gold Pokes

High quality skins have a draw string for securing your items in the pouch.

GP1 Doe skin pouch holds 4 oz. vial

GP2 Doe skin pouch holds 2 oz. vial

GP3 Cow hide pouch holds 2 oz. vial



EL8 10x Economy Magnifier

Folding Magnifier with unbreakable Plastic Lens Holder and has a Aluminium anodized cover also. Contains two lenses for convenient pocket use.



EL9 - 10x Economy Magnifier

A swing-away unbreakable case of tough durable plastic serves both as a handle and as a protective case. Triple Lens Diameter 25 mm.



ELD10 - 10x Hexagonal Achromatic Loupe

This large loupe gives you 10x power magnification and the case included.



ELT10 - 10x Achromatic Triplet

High quality 10x power triplet lens Case included. to preserve its highly polished finish.



ELT11 - 10x Deluxe Achromatic Gold Triplet

High quality professional 10x power triplet comes with its own case to preserve its highly quality polished finish.



EL43 Watchmaker's Loupe

12x power Watchmaker's Loupe. Fits comfortably around the eye while leaving hands free. Shipping weight 1 lb



A10 Achromatic Loupe

Wide field, 16x power folding prospector's pocket loupe. Shipping weight 1 lb



A85

Polypropylene Funnels

Plastic funnels are ideal for easy filling of our sample bottles. Shipping weight 1 lb.



SNAP Snappy Grip

Permanent replacement handle for 5 gallon bucket. Avoid handle fatigue. Replace old handles with a comfortable carrying handle. Two handles included per package.



A65A Microscope

60x to 100x power compact and powerful pocket microscope with built-in light. Requires two AA batteries (not included) and comes with its own carrying case. Shipping weight 1 lb



A53



A71

Cast Iron Mortar & Pestle

A53 Capacity 1 pint. Measures 5 inches high. Weight 8 1/2 lbs.

Shipping weight 12 lbs.
A-71: Capacity 1/2 pint. Measures 3 1/4 inches high. Weight 5 lbs. Shipping weight 8 lbs.

A16 Jeweler's Fine Point Tweezers

These tweezers are ideal for handling extra fine specimens requiring needle points. 7 inches long.

A16C Curved Fine Point Tweezers

These stainless steel tweezers are the same instruments jewelers use for handling extra fine specimens. 7" inches long.

A15A Stainless Steel 12 inch Long Tweezers

Heavy-duty stainless steel. Used to extract large specimens from deep crevices or for scraping.

PST Suction Tweezers



Clear polypropylene tweezers are ideal for saving time when extracting tiny gold particles from your gold pan. Shipping weight 1 lb



VT 6 Vibro Tumbler

A vibrating tumbler is a simple and efficient method. Clean impurities, polish rocks and gemstones in a fraction of the time of other conventional tumblers. 6 lb capacity Ship Wt. 7 lbs.

VT6GK Tumbler Grit kit
Incl: 5 polish compounds

Shipping weight. 3 lbs.



Model GMCG Clay Gone

Drops clay and suspended material from water in seconds. Use in panning, tubs, concentrating tables and more. Compatible with soap & other surface additives. Shipping weight 1 lb.

DETECTING DEVICES, PROSPECTING ACCESSORIES & TOOLS



GC - Geiger Counter

High sensitivity. 3 Ranges to super sensitive (50 micro-amp loud speaker. LED counter, automatic voltage regulation. Sensitive to beta radiation only. Operates 200 hrs. on one battery. Complete with battery and instructions. Weight 2 lbs. Shipping weight 4 lbs.



PPSL Multibank Pocket Prospector UV Light

Provides both long wave and shortwave UV light commonly used by geologists and treasure hunters alike to detect fluorescent minerals. Runs on four standard AA batteries. Shipping wt. 2 lbs.



DT2 Diamond - Moissanite & Cubic Zirconium Tester

Reliable Testing tool to determine if your gem is a Diamond, Moissanite or a Cubic Zirconium. Operates on a nine volt battery. Flashes with lights as well as a buzzer. Comes with a velcro pouch and easy to understand instructions. Size: 160mm x 40mm x 22mm (6.25" x 1.25" x .75") Shipping weight 2 lbs.



TS NEW Treasure Scoop

Ideal digging tool for metal detecting. The scoop will not react to a metal detector. Made of rugged high impact plastic. Scoop material and pass over detector to verify values. Weighs only 4.7oz. Ship Wt. 2 lbs.



CDS Coin Digger

Tool for digging out coins and rings. Zinc plated steel tool removes a clean plug from the ground. The comfortable grip with attached lanyard for ease of carrying. Shipping weight 2 lb.



MF1 MAGIC FINGERS

This is a tool used for metal detecting, dredging and dry washing. Easily scours out bedrock and irregular surfaces. Has 5 independent spring steel rods pointing downward. By moving the sliding rod attached to the spring steel rods can regulate the width. The fingers follow the irregular contour of bedrock and surfaces for ease of digging. Weight 7.2 oz Shipping weight 2 lbs.



A27- Premium Crevice Tool

Constructed from hardened plated steel with a hooked end for meticulous scraping in tight crevices. Includes a spooned and scooped end that is extremely handy for retrieval of fine scrapings. Shipping weight 2 lbs.



A27 Crevice Tool

An indispensable tool for scraping crevices clean of wet or dry material. Get the gold out! Shipping weight 1 lb.

New!



BP5 Deluxe Ledge Heavy-Duty Backpack

This Backpack frame is heavy duty all around with welded tube construction and solid strapping for heavy loads (75 lbs.) such as our Dry Washers! Padded shoulder and a waist belt top off this deluxe pack with fold down ledge. Weight 4 lbs. Shipping weight 6 lbs.

New!



A24 - Bulb Sniffer

This sniffer with metal tube is an invaluable tool for extracting small gold specimens underwater. You will wonder how you ever prospected without it! Shipping weight 2 lbs.

New!



A25 - New Deluxe Bulb Sniffer

Works just like our regular bulb sniffer only features a metal tube, clear visible reservoir that allows material (such as gold!) to drop into clear bottle. Unscrew and remove bottle for cleaning. Shipping wt 2 lbs.



A23 - Super Crevice Sucker

This handy tool is wonderful to use when metal detecting, working dry banks, dredging and more. Features a powerful 2 inch x 24 inch vacuum chamber with a 7" crevice tip. Light weight and easy to use, just imagine all the gold you will capture that may have been lost! This model has a port for emptying chamber of material.

Weight only 3 Lbs. Shipping weight 5 lbs



A22 - Backpack Super Sucker

New compact model, easy to carry and designed for the backpacker or sniper. Features a 1 1/2 inch x 14 inch vacuum chamber.

Weight only 1.50 lbs. Shipping weight 3 lbs.

MORE PROSPECTING TOOLS



Estwing Supreme Rock Picks E314P 14 oz. E322P 22oz. E323LP 23 oz. Long handle Pick

This high quality, heavy duty rock pick is dredger's choice and will last a lifetime. The heavy duty blue rubber grip is ideal for underwater use, for comfort and visibility. Weight 1.25 lbs. Shipping weight 3 lbs.



E30 - Leather Grip Rock Pick

Heavy duty rock pick. Ideal for the rock hound for breaking up dried materials when sluicing, high-banking or metal detecting. Weight 1.75 lbs. Shipping weight 4 lbs.

DETECTOR PICKS

Lightweight compact pick that really digs. A well balance pick that works great for dry washing, metal detecting, prospecting and much more. Built with a spring steel head, a heavy duty fiberglass handle and a foam rubber grip. Equipped with a super strong rare earth magnet mounted on the head that quickly removes metallic items from the working area.

DP24- 24" Handle Weight 2.5 lbs.
Shipping weight 5 lbs.
DP16- 16" Handle weight 1.5 lbs
Shipping weight 4 lbs.



EHP - Estwing Geo Pick

Forged steel head and 26 inch long nylon grip enables a nice easy long swing. This is the best pick that you will ever own. Ideal for dry washing, dredging and sniping. A perfect size. Weight 3 lbs. Shipping weight 7 lbs.

BS1 - Estwing Belt Sheath
Protect your tools with this fine crafted leather belt sheath from Estwing. Slip your rock pick into the slot and secure it with the heavy duty snaps. A must just for the extra hand it gives you in holding your pick! Weight .20 lbs. Shipping weight 2 lbs.



A36 - Economy Prospector's Pick

This 22 ounce pick features a drop forged head, tubular handle and rubber grip. Excellent for light duty jobs. Weight 1.25 lbs. Shipping weight 3 lbs.



Estwing Crack Hammers

Top notch Estwing construction makes these crack hammers ideal for use with chisels and pry bars. Three sizes to choose from: E32: 2.65lbs. E33: 3.55 lbs. E34: 4.5 lbs. Shipping weight 6 lbs.



New!

ERC7 Wide Splitting Chisel

This splitting chisel is made of tempered steel and features a molded, shock proof grip. 3" x 8.5". Shipping weight 3 lbs.



New!

ERC8 - Splitting Chisel

This splitting chisel is made of tempered steel and features a molded, shock proof grip. 1 1/4" x 8.5". Shipping weight 3 lbs.



ERC9 Wedging & Prying Chisel

Estwing quality once again with this high quality, tempered steel chisel. Features the signature blue molded shock proof grip. Measures 1" x 12". Shipping weight 4 lbs.



ERC12 - 12 Inch Chisel

This tempered steel chisel is an excellent choice for working in deep pockets. Signature Estwing blue molded shock proof grip.



A37 - Combination Pick & Shovel

Both a pick and a shovel in one tool that adjusts with a simple snap and lock. The ideal tool for prospecting excursions or even camping trips. Weight 2.10 lbs Shipping weight 4 lbs.

New!



GP18 - Gad Pry Bar

IT'S BACK!! An absolute must for any dredger for ease in splitting, prying, scraping as well as opening seams and crevices. Forged steel & "I-Beam" construction gives this pry bar superior strength. Length 18 inches. Weight 2 lbs. Shipping weight 4 lbs.



A35 - Pick-Mattock

This cast metal mattock features a hard wood handle and classic GI style pick and blade. Sure to make short work of breaking through hard material or other light duty materials. Weight 1.3 lbs Shipping weight 3 lbs.



BFS - Backpackers Folding Shovel

Folded, this compact implement measures a mere 9" x 6" package and easily fits into any backpack. With a simple flick of the wrist the steel construction fully extends into a rugged 23 1/2 inch length. Weight 2.25 lbs. Shipping weight 4 lbs.



DIG - U-Dig-It Hand Trowel

This is the ultimate hand trowel for prospecting and metal detecting. The heavy duty stainless steel trowel folds and slips neatly into its own handy belt sheath. Weight .50 lbs. Shipping weight 2 lbs.

Portable Gold & Diamond Scales



ESG1 Digital Pocket Gold Scale

grams, grains, ounces
& pennyweights

The ESG1 gold scale is more compact, accurate and less expensive. This scale has a maximum capacity of 500 grams. **Accurate to 1/10th of a gram.** Measures approximately 128mm (5 inches) long X 77mm (3 inches) wide X 20mm (.75 inch) in height. Features: stainless steel tray. Operates on 2 AAA batteries (included). Auto Off. Lighted Digital Display. Professional accuracy with Tare Feature. 5 year warranty. Weight 129 grams Shipping weight 1 lb.



ESM3 Digital Pro Magnum Scale

grams, grains, ounces,
carats & pennyweights

An extremely durable scale with lighted digital display. Maximum capacity of 500 grams & **Accurate to 1/10th of a gram.** Also is a counting scale. Measures approximately 70mm (2.75 inches) wide x 100mm (4 inches) long x 20mm (3/4 inch) in height. Features: stainless steel platform & removable plastic tray. 3 AAA batteries (included) and auto off feature. Calibration weight included. Professional accuracy with Tare Feature and a 5-year warranty. Weight 116 grams. Shipping weight 1 lb.



ESV1 Digital Pro Velocity Scale

grams, grains, ounces,
carats & pennyweights

Compact heavy duty scale with lighted digital display. Maximum capacity of 150 grams & **Accurate to 1/100th of a gram.** Also is a counting scale. Measures approximately 70mm (2.75 inches) wide x 100mm (4 inches) long x 20mm (3/4 inch) in height. Features: stainless steel platform & removable plastic tray. 3 AAA batteries (included) and auto off. Professional accuracy with Tare Feature and a 5-year warranty. Weight 116 grams. Shipping weight 1 lb.



ESD3 Pro Diamond Scale

grains, grams, ounces,
carats, & pennyweights

A professional digital diamond scale. **Extremely accurate to one 1000th (.001) of a gram** with Tare Feature. Weighs tenths of a carat. Capacity of 10 grams. Folding clear cover to protect from air ventilation, hard folding case, calibration weights and tweezers for handling small specimens. 5 year warranty. Operates on 4 AAA batteries (included). Features Auto off & add up function. Scale size 115mm (4.50 inches) long x 66mm (2.5 inches) wide 35mm (1.37 inch) in height. Weight 296 grams. Shipping Weight 2 lbs.



DS1 Diamond Scale

This precision, compact diamond scale will weigh up to 50 carats and is sensitive to one tenth of a carat (0.1). Finely polished wooden case that is small enough to carry in your pocket. Comes with a vinyl carrying case. Dimensions: 1 3/8" x 4 3/8" x 2 1/2" Weight 1 lb. Shipping weight 2 lbs.



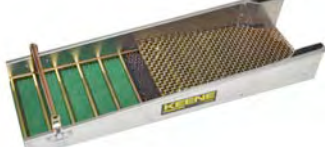
GS505 Gold & Reloading Scale

This classic scale is equipped with fast zeroing damper, easy to read balance beam, extra large leveling wheel and an improved platform for precision stability. Accurate to plus or minus one tenth of a grain (0.1). Made in the USA. Weight 1 lb. Shipping weight 2 lbs.

SLUICE BOXES, JETS, JET FLARES & ACCESSORIES

New Jet Flare Sluice Boxes with Miracle Mat

Our New Jet Flare Sluice Boxes are designed to adapt to our Jet Flares featuring our new "Miracle Mat" that is placed under the classifier screen for superior recovery. A lighter design for portability as well as rolled top edges for superior strength on 2.5" and up models only. Included is a large classifying screen that covers over half of the riffle section, miners moss for fine gold recovery and wire mesh screen over ribbed carpet to give you simply the best fine gold recovery one could expect with a sluice box.



Model #	Dredge Size	Length	Width	Weight	Ship Wt.	Dredge Series
SB2F	2"	36"	10"	11 lbs.	13 lbs.	2000
SB25F	2.5"	40"	12"	17 lbs.	30 lbs.	2500
SB3F	3"	40"	14"	20 lbs.	70 lbs.	3400-3605
SB4F	4"	40"	16"	22 lbs.	70 lbs.	4400

3 Stage Flare Sluice Boxes

The 3 Stage Sluice Box is simply the lightest, most compact sluice box you can find for superior fine gold recovery. The secret is in our 3 Stage Sluice System that enables us to say that our sluice can out perform any double or triple sluice on the market. This sluice box features heavy duty latches, rolled top edges that provide greater strength and safety, a longer rubber damper for more even distribution and an adjustable flow metering plate for the lower sluice.



Model #	Dredge Size	Length	Width	Weight	Ship Wt.	Dredge Series
SB4F3	4"	48"	16"	34 lbs.	70 lbs.	4500-4505
SB5F3	5"	60"	20"	53 lbs.	100 lbs.	5000-6000
SB6S	6"	112"	26"	210 lbs.	240 lbs.	6200
SB8S	8"	112"	28"	231 lbs.	246 lbs.	8200
SB8	8"	162"	32"	250 lbs.	275 lbs.	8065

Suction Nozzles

Ideal for use in shallow water conditions. Suction nozzles have the ability to self prime unlike the power jets. This feature makes them ideal for shallow water dredging.



Model	Size	Coupling	Weight	Ship Wt.
SN15	1.5"	1"	2 lbs.	4 lbs.
SN2	2"	1.25"	3 lbs.	5 lbs.
SN25	2.5"	1"	3.5 lbs.	6 lbs.
SN251	2.5"	1.25"	3.5 lbs.	6 lbs.
SN2515	2.5"	1.5"	3.5 lbs.	6 lbs.
SN3	3"	1.5"	5 lbs.	7 lbs.
SN32	3"	2"	5 lbs.	7 lbs.
SN4	4"	1.5"	6 lbs.	8 lbs.
SN42	4"	2"	6 lbs.	8 lbs.

Oversized Jet Flares



The oversized jet flare is designed to work with the oversized power jets only. This longer straight collar is longer than the standard jet flare allowing the power jet to be shorter and reduce the overall weight of the dredge and greater suction power.

Model #	Dredge Size	Dimensions	Weight	Ship Wt.	Dredge Series
PPJF20	2"	28" x 10"	2 lbs.	4 lbs.	2000
PPJF250	2.5"	28" x 10"	3.5 lbs.	6 lbs.	2500
PPJF30	3"	30" x 14"	6 lbs.	30 lbs.	3600-3605
PPJF40	4"	38" x 16"	8 lbs.	70 lbs.	4500-4505
PPJF50	5"	45" x 20"	15 lbs.	70 lbs.	5109
PPJF60	6"	52" x 20"	42 lbs.	70 lbs.	6000
PPJF80	8"	69" x 22"	72 lbs.	80 lbs.	8200

New Oversized Power Jets



We have taken the standard Power Jet and created a more efficient, more mobile and over-all superior jet! The new design involves a slight enlargement of the jet tube, making it a bit larger than the interior of the suction hose. The result of this modification is a smooth, seamless flow from hose to jet. Rock jams and other obstructions are virtually eliminated which means less downtime over all. With the quick coupler feature, the suction hose fits inside the Power Jet and is securely fastened in a snap. Each oversized jet comes with the suction hose quick coupler fittings.



Model #	Size(OD)	Coupling	Weight	Ship Wt.	Dredge Series
PJ20	2"	1.25"	4 lbs.	7 lbs.	2000
PJ25140	2.5"	1.25"	6 lbs.	9 lbs.	2000
PJ250	2.5"	1.50"	6 lbs.	9 lbs.	2500
PJ320	3"	2"	10 lbs.	13 lbs.	3500
PJ420	4"	2"	16 lbs.	30 lbs.	4500
PJ430	4"	3"	18 lbs.	30 lbs.	4500
PJ4T20	4"	2" x 2"	19 lbs.	30 lbs.	4000
PJ530	5"	3"	27 lbs.	40 lbs.	5100
PJ5T20	5"	2" x 2"	27 lbs.	40 lbs.	5200
PJ6T20	6"	2" x 2"	38 lbs.	70 lbs.	6200
PJ6T30	6"	3" x 3"	40 lbs.	70 lbs.	6200
PJ840	8"	4" x 4"	90 lbs.	150 lbs.	8000

Standard Power Jets

The most effective way to create suction. The suction jet produces a strong vacuum to move material and water from one point to another. Jet sizes determines suction hose size and allows the hose to fit over the end of the suction tube.



Limited quantity and availability

Model #	Size(OD)	Coupling	Weight	Ship Wt.	Dredge Series
PJ2	2"	1.25"	4 lbs.	6 lbs.	2000
PJ25	2.5"	1.5"	5 lbs.	7 lbs.	2500
PJ3	3"	1.5"	8 lbs.	10 lbs.	3500
PJ32	3"	2"	8 lbs.	10 lbs.	3500
PJ4	4"	1.5"	12 lbs.	14 lbs.	4500
PJ42	4"	2"	12 lbs.	14 lbs.	4500
PJ43	4"	3"	16 lbs.	19 lbs.	4500
PJ4T2	4"	2" x 2"	18 lbs.	20 lbs.	4000
PJ5	5"	2"	24 lbs.	45 lbs.	5000
PJ53	5"	3"	25 lbs.	45 lbs.	5100
PJ5T2	5"	2" x 2"	26 lbs.	70 lbs.	5200
PJ6T2	6"	2" x 2"	32 lbs.	70 lbs.	6200
PJ6T3	6"	3" x 3"	35 lbs.	70 lbs.	6200
PJ83	8"	3"	40 lbs.	100 lbs.	8000
PJ8T3	8"	3" x 3"	50 lbs.	100 lbs.	8000