

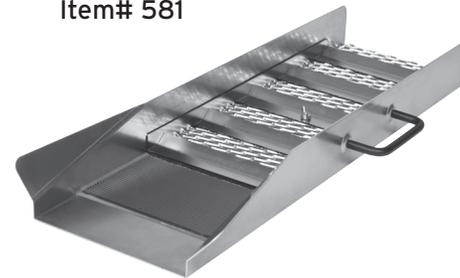


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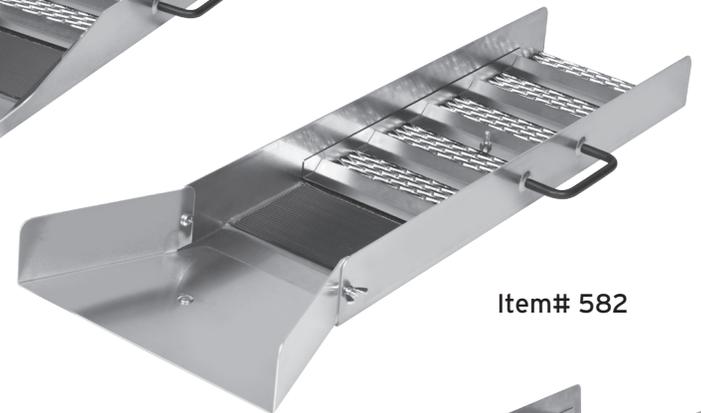
Self-Locking Backpacking Stream Sluice

Operating Instructions

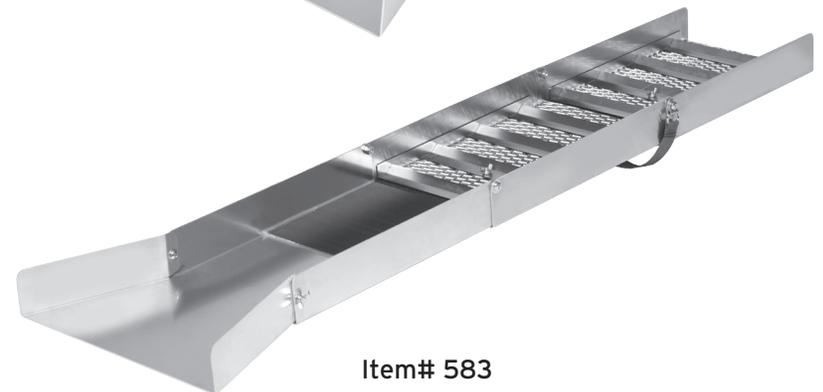
Item# 581



Item# 582



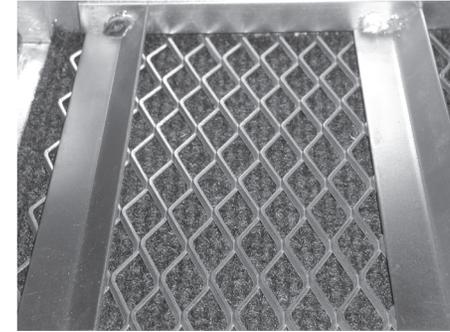
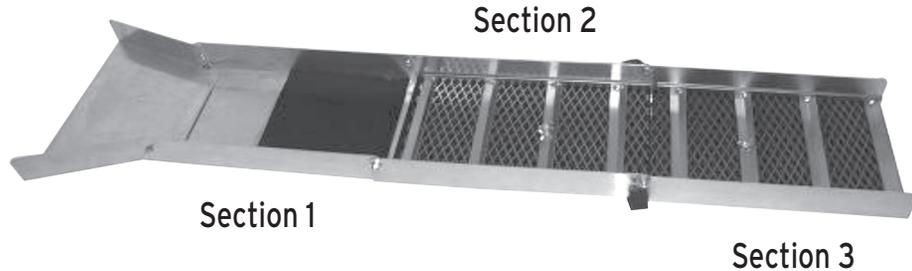
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Feeder



Set up (#503 Folding unit only)

1. Unfold Unit so sections are past center to engage locks.
2. Unscrew wing nuts from both sides of wide mouth feeder.
3. Place feeder on end of section 1 and fasten with screws and wing nuts provided.
4. Your unit is now fully assembled.

Unit Placement

1. For unit to operate properly, the feeder must be 4 inches higher than the back end.
2. Place unit in shallow water no more than height of sides.
3. Classify soil to exclude rocks over $\frac{1}{2}$ inch to make sluice run optimally.
4. Place shovel full of material in feeder on top of mat. Material should immediately start flowing down sluice box. 50% of material is being trapped behind riffles while the other 50% washes down stream. (This is the proper flow & angle when this is achieved). Note: Water flow is too slow if unit fills with sand and gravel - you then must increase your water flow, angle, or both to achieve the 50% being trapped and the 50% going down stream.

Removing Gold

1. Lift unit from water, making sure hands are to most outward position, avoiding latches as this will cause unit to de-latch and fold.
2. Remove primary riffle assembly from section 2.
 - a. Remember which section each part came from, as they are not interchangeable.
 - b. Section 2 is $\frac{1}{2}$ inch longer than section 3.
3. Remove secondary riffle.
4. Remove and roll carpet up with ribs facing inward.
5. Place rolled carpet in a bucket filled with clean water to release gold concentrates. Roll carpet opposite direction and repeat.
6. Repeat steps two through 5 for section 3.
7. Pan concentrates from bottom of bucket.

Reassembling

1. Place carpet back in section 2.
2. Place secondary riffle in over carpet.
 - a. Please see picture above to ensure proper placement of secondary riffle.
 - b. Expanded metal and riffle should be at the same angle.
3. Place primary riffle assembly over secondary riffle.
4. Tighten with wing nut provided.
5. Repeat steps 1 through 5 for section 3.