

ALASKAN PORTABLES



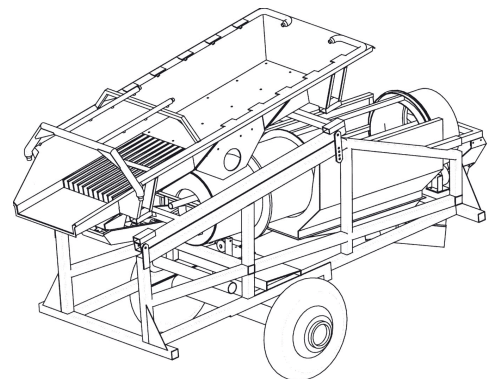
Alaskan 30 Washplant

Alaskan 15 Washplant

Goldfield's Alaskan Portable Washplants for alluvial gold and diamond recovery are designed for large scale bulk sampling, or small scale production. These machines are small enough for most pick-ups to tow, yet large enough for serious processing. Set up time with a sluice recovery takes about one hour.

MACHINE SPECIFICATIONS

MODEL		5	15	30
Capacity (loose)	YPH	3-5	10-15	25-30
	MPH	2.2-3.8	7.6-11.5	19-23
Length	feet	14	16	25
	meters	4.4	4.8	7.6
Width	ft (meters)	4 (1.2)	5 (1.5)	8 (2.4)
Feed Height	ft (meters)	6(1.8)	10(3.0)	12(3.7)
Weight (x10 ³)	lbs (kg)	3.0(1.7)	5.5(2.5)	7.0(3.2)
Water	GPM x10 ² (LPHx10 ⁴)	1.0(2.3)	2.0(4.5)	3.5(7.9)
Sluice Recovery	(Wx8'L)	10"	15"	30"

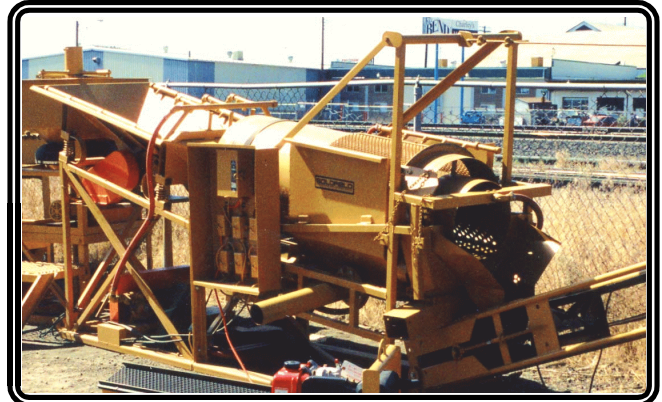


Alaskan 15 Schematic

ALASKAN PORTABLES



Alaskan 15 in Ghana



Alaskan 5 for Guyana

Like all Goldfield equipment, the Alaskan Portables are engineered for reliable performance in rugged and remote areas. Simple to operate and maintain, the Alaskan Portables are the result of many years of field testing at minesites throughout the world. Each machine is an integrated washplant system in which all components (including the grizzly, trommel, nugget trap, and sluice) are carefully balanced and regulated to provide for maximum gold or diamond recovery. A Goldfield jig or centrifugal concentrator system can be added to the recovery circuit as necessary.

The Alaskan Portables are designed with containerized shipment in mind. The Alaskan 5 and 15 each fit in a 20' shipping container, while the Alaskan 30 requires a 40' container.

Advantages of Mining with an Alaskan Washplant

- The large **Wet Vibrating Grizzly Feeder** minimizes material surging. Its hydro-blast system washes all rocks and boulders. Manganese steel grizzly bars ensure long life. A tapered relief design virtually eliminates plugging material.
- The heavy duty chain-driven **Trommel** with in-line gear reducer is an exclusive Goldfield design. Its unique combination of lifter bars and retainer rings thoroughly washes and scrubs the alluvial material. Trunnions support the trommel and alleviate stress cracking.
- The **Nugget Trap** recovers the liberated gold before it passes on to the double deck vibrating screens. In many cases 20-40% of all recovered values are trapped in the hinged, easily secured nugget trap.

GOLDFIELD

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