

Gold panning equipment



Brief Introduction

The major structure of the machine follows about Knudsen Bowl from Australian mining company. The machine is primarily applied for washing and separating placer gold at a size of minus 4mm and is capable of recovering natural gold grains at sizes of over 15 um. In operation, inner hole of the center is blocked using plug with its drainage and collection at a regular basis. It can be operated intermittently or continuously, with the ore feeding and water adding simultaneously. The rotation direction is anti-clock at a speed of 70-110 r/pm. Ratio between solid and liquid for slurry is 1/4-2/3. The machine can be operated by power individually and multi-machines also can be operational in a combined.

The washing bowl is made of glass fiber, which is better coefficient of friction in water can get better gold deposition. The capacity is 0.5-1.5t/

h per set, the rotation speed is 70-110rpm, high recovery ratio, simple structure, long used wear-resistant, can be continuous or discontinuous

operation, single or multi machines assembly.

The concentrator centrifuge is mainly used for selection of raw ore, which has uneven particle size and large particle size.

Specification

Model		600
Feeding Capacity	t/h	2-3
Fluidization Water Required	t/h	4-6
Pressure water	Mpa	0.1-0.2
Feeding Density	%	10-50
Feeding Size	mm	0-4
Bowl Cone Rotation Speed	r/min	120
Concentrate Weight	kg	10-20
Motor Power Requirements	kw	11
Approximate Weight	kg	300
Approximate Dimensions	mm	1010*1120



WELL-TECH EQUIPMENT
威尔国际矿业装备

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