



## China Ascend High Recovery Knelson Gold Centrifugal Concentrator With 10 15 20 Tph Capacity For Gold Mining

Our Product Introduction

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### Basic Information

- Place of Origin: CHINA
- Brand Name: ASCEND
- Certification: ISO9001
- Model Number: STLB20 STLB30 STLB40 STLB60 STLB80 STLB100
- Minimum Order Quantity: 1 set
- Price: USD 7600-8600 set
- Packaging Details: Water and rust proof in wooden box or container
- Delivery Time: 7-10 working days
- Payment Terms: T/T, Western Union
- Supply Ability: 20 set per month



### Product Specification

- Product Name: Knelson Gold Concentrator
- Keywords: Alluvial Gold Mining Machine
- Application: Gold
- Advantage: High Efficiency Low Energy
- After Sale Service: Engineer Overseas Service
- Highlight: **high recovery gold centrifugal concentrator , 10 tph gold centrifugal concentrator , 20 tph gold centrifugal concentrator**



### More Images



## Product Description

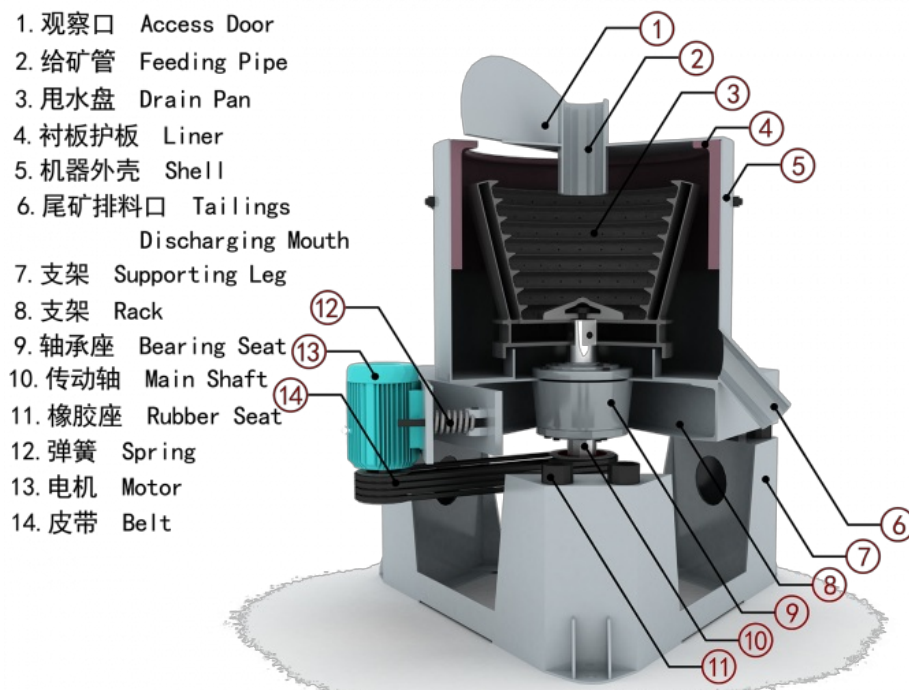
### China Ascend high recovery knelson gold centrifugal concentrator with 10 20 tph capacity for gold mining

The Knelson gold concentrator is a gravity concentrator equipment which is hot selling in African market, mainly used for gold mining. It is mainly used for recovering fine free gold from rock gold and placer gold. There are two kinds of gold mines, alluvial gold mine and rock gold mine. It is also used with ball mill, wet disc mill or shaking table.



### Working Principle

The Knelson Concentrator relies on an enhanced gravitational force together with fluidization process to recover even very micron sized particles. When the machine starts to working, the motor drives the cylinder to run, and the material enters from the grouting port. The water volume and speed of the water in the backwash water into the pipe and the rotation of the cylinder are used to separate the tailings and concentrates.



#### Specification

Model		STLB20	STLB30	STLB40	STLB60	STLB80	STLB100
Feeding Capacity	T/H	1-2	2-3	6-8	10-20	30-40	50-80
Fluidization Water Required	T/H	1-2	4-6	7-9	10-15	20-30	17-25
Pressure water	Mpa	0.05-0.1	0.1-0.2	0.1-0.2	0.1-0.2	0.1-0.2	0.1-0.3
Feeding Density	%	10-50	10-50	10-50	10-50	10-50	10-50
Feeding Size	mm	0-4	0-4	0-4	0-5	0-6	0-6
Bowl Cone Rotation Speed	r/min	800	600	530	480	400	360
Concentrate Weight	Kg	2-3	10-20	15-25	25-40	45-60	70-80
Motor Power Requirements	KW	0.75	1.5	1.5	4	11	18.5
Approximate Weight	Kg	350	600	850	1400	2200	3700
Approximate Dimensions	mm	940×700×1000	1200×1250×1250	1300×1450×1450	1850×1550×1600	2000×1800×1900	2300×2000×2300

#### Package & Delievery





We also supply

#### Crushing Equipment



Jaw Crusher



Cone Crusher



Impact Crusher



2-Roller Crusher



Compound Crusher



Hammer Crusher

#### Grinding Equipment



Wet Pan Mill



Ball Mill



Raymond Mill

#### Beneficiation Equipment



Flotation Machine



6-S Shaking Table



Jigging Machine

#### Feeder & Conveyor



GZD Vibrating Feeder



Belt Conveyor



Screw Conveyor



Bucket Elevator

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