



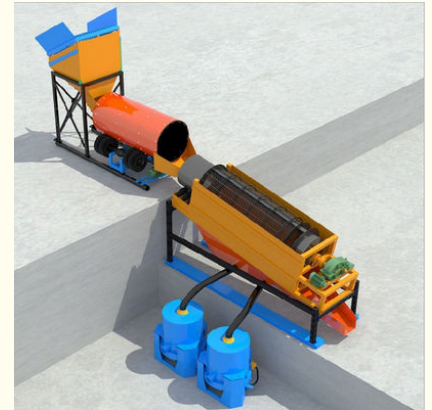
100-200tph Pan Mining Equipment Placer Gold And Diamond Wash Plants

Our Product Introduction

for more products please visit us on mining-crushermachine.com

Basic Information

- Place of Origin: China
- Brand Name: ASCEND
- Certification: CE/ISSO9001
- Model Number: GST50 GST100 GST150
- Minimum Order Quantity: 1 set
- Price: USD 3500-30000 Per set
- Packaging Details: Water and rust proof in wooden box or cotainer
- Delivery Time: 7-10 working days
- Payment Terms: T/T, Western Union
- Supply Ability: 10 set per month



Product Specification

- Product Name: Gold Washing Equipment
- Color: Customized
- Key Word: Alluvial Gold Washing Plant
- Recovery Rate: 90%~98%
- Capacity: 10 To 80TPH
- Motor: 45KW
- Warranty: One Year
- Weight: 6-19 Tons



More Images



Product Description

100-200tph Pan Mining Equipment Placer Gold And Diamond Wash Plants

Product Description

Rotary scrubber (namely as drum ore scrubber, cylinder stone scrubber or rotary scrubbing machine) is a special washing equipment for cleaning large and difficult-to-wash materials, like high impurity content and sticky mud.

Rotary scrubber has **three functions**: scrubbing, cleaning and screening. The maximum feed size can reach 200 mm. It mainly carries out preliminary cleaning for raw ore.

Features of Drum Scrubber Washing Machine

Designed to break up alluvial gravels, clays and sand;

High capacity and high power scrubbing;

The long drum of the scrubber retain material for longer, more vigorous washing for complete separation;

Thickening type steel plate for the drum;

Heavy duty bearing, gear and roller;

Wearable screen at the exit of drum for screening;

One high output electrical motor driving a gear system providing efficient torque;

Adjustable rotary speed;

The water with high pressure flushed the inwall of drum;

Can accept material up to 230mm.

Main Application of Drum Scrubber Washing Machine

Rotary scrubber is mainly applied to placer with high mud content and high stickiness. like alluvial gravels, clays and sand. According to the actual demand, the cone screen is installed at the outlet, and the washing sieve can be completed by one machine at the same time.

Advantages of gold trommel equipment

1. It is a highly economically viable option adequately suitable for small to large volume processing of materials.
2. The screen features various filters for different heavy duty drums that ensure complete separation of fine materials.
3. The design has a end user flexibility that allows for screen replacements depending on mesh sizes.
4. Multiple layers of screen to enhance the sifting process.
5. It features changeable screen plates so that worn out parts can be replaced.
6. Trommel screen has high efficiency and a big capacity for different volumes of materials.
7. The screen is uniquely designed to facilitate higher capacities, provide longer screen life and avoid material clogging.

The trommel screen is equipped with water spray pipe inside drum, with feeding hopper, water pump, diesel generator, ect

Description of the placer gold washing plant

After finishing installation of the whole plant. Usually use excavator or payloador to feed the river sand into the hopper, then the sand go to the trommel screen. When the rotary trommel screen is rotating, big size more than 8mm sand will be screened out, small sizes less than 8mm will go to the **gold centrifugal concentrator** or vibrating gold sluice (usually we recommend concentrator, as it can achieve high recovery rate for different gold particle sizes from 40 mesh to 200 mesh). Following the concentrator is gold sluice with gold blanket, which is used to recover the remaining gold in the concentrator.

Specification

SPECIFICATIONS OF GOLD EXTRACTION EQUIPMENT FOR WASHING GOLD SEPARATOR MACHINE				
Model	GTS20	GTS50	MGT100	MGT200
Parameters				
Size /mm	6000x1600x2499	7000*2000*3000	8300*2400*4700	9800*3000*5175
Capacity	20-40	50-80 tph	100-150 tph	200-300 tph
Power	20	30 kw	50 kw	80 kw
Trommel Screen /mm	1000x2000	φ1200*3000	φ1500*3500	φ1800*4000
Sluice Box	2 set	2 sets	3 sets	4 sets
Water Supply /m ³	80m ³	120 m ³	240 m ³	370 m ³
Recovery Rate	95%	98%	98%	98%

Gold centrifugal concentrator

Gold sluice with blanket

Shaking table

After collect the gold concentrate fromo the centrifugal concentrator and gold sluice blanket, the most common way is then put it on the [shaking table](#) to further improve the gold grade.

Mercury Amalgamation barrel or small ball mill

The gold ore concentrate collected from the shaking table will be put in the small ball mill, or we call it [mercury amalgamation barrel](#). Then it can mix with the mercury and form the gold and mercury mixture.

Electric gold melting furnace

After get the mixture of gold and mercury, you can put it in the [elctric gold melting furnace](#) and heat it, then you can get the pure gold bar.


Package&Delivery


After-sales Service

Contact Us

ASCEND Henan Ascend Machinery Equipment Co., Ltd.

 +86 18221130967

 wilson_ascendme@163.com

 mining-crushermachine.com

Shenglong block, high tech zone, Zhengzhou, China