I、GN Profile

GN Solids Control Co.Ltd is a China Leading API & ISO Certified manufacturer specializing in complete line equipment & Shaker Screens, GN main facility is located close to Beijing, China:

**OIL & GAS Drilling**----Mud Solids Control & Waste Management

**HDD & CBM Drilling**----Mud Recycling System

**MINING & Industrial**----Slurry Separation Plant

**GN Main Products:**

- Shale Shaker, Shaker Screen, Mud Cleaner, Decanter Centrifuge, HI-G Dryer, Vertical Cutting Dryer, Desander, Desilter, Degasser, Various Pumps & Tanks, Mud Gun, Agitators, Mixing Hoppers

GN Engineers Team have been working in Solids Control for over 20 years. GN keeps growing very fast and steadily because GN only focuses on “Top Quality, Reasonable Price, Assured Services”.

- GN is the First API certified solids control equipment manufacturer in China.
- 70% of GN Market is for overseas, have exported to over 60 countries and regions.
- GN is the only API certified company who make both Decanter Centrifuge & Vertical Cutting Dryer for drilling waste management.
- GN Owns over 10 patent for the products, and over 5 patent is in pending.
- GN Owns a specialized facility for making shaker screens in Asian largest wire mesh center city.
- GN total facilities area is over 60,000㎡.
- GN keeps enlarging offices and partners all around the world to provide assured services.
Ⅱ、GN Structure

- **GN Solids Control (Beijing) Co. Ltd**
  - (30,000 ㎡ Facilities)

- **Anping GN Shaker Screen Factory**
  - (10,000 ㎡ Facilities)

- **Tangshan Guanneng Machinery**
  - (20,000 ㎡ Facilities)
(2.1A) GN Beijing Facility

GN New Beijing Facility is only 40Km to the Beijing International Airport.
(2.1B) GN Beijing Facility

API & ISO Standard solids control equipments & system manufacturing facility.
(2.2) GN Tangshan Facility

GN Tangshan facility make complete line Solids Control Equipments for mud system!
(2.3)GN Screen Factory
GN use the most advanced technology to make screens in Asia largest wire mesh center city
Ⅲ. GN Strength

(3.1). Mature Quality Management System

GN is the First API certified solids control equipments manufacturer in China

ISO/TS 29001
ISO 9001:2008
API Q1
3.1A) Advanced Processing Machineries (1)

CNC Machines

CNC Lathe

Sand Blasting
3.1A) Advanced Processing Machineries (2)

- GN owns the Biggest Double column 5-Face machine for China Solids Control company

- GN is the Only company owns the Automatic Power Painting production line for China Solids Control Company

- GN is First API Certified China Solids Control Company
3.1B) Strict Quality Control

- Mud Or Water Test
- Thickness Test
- CMM Test
- Measurement
- Pressure Test
- Temperature Test

Oil Drilling & HDD & CBM
Mud Solids Control & Waste Management
3.1C) Third Party Inspection

All GN main products are inspected by Tangshan Quality Supervision Bureau for third party inspection.
(3.2) GN Only Top Quality

A) Material Selection: Principle “Quality First, Price Second”

- **Steel**: National Standard Steel From Top Company (HBIS)
- **Matching Parts**: Apply world famous brand (Italy Oli, Germany FAG, SKF, Yuanda Valve)
- **Electrical Components**: SIEMENS/Schneider/ ATEX or IEC Ex Available
- **Link Bolts**: SS304 or Dacromet coatings material
- **Coating & Painting**: Coating & Painting: Japan Kansai or US Carboline brand epoxy zinc-rich anticorrosive paint
- **Hydro cyclones**: GN own design Polyurethane material clamp type with SS ball valve.
- **Shaker Screens**: GN own manufacture according to API standard.
(3.3) Rest-Assured Service

A) Pre-Sales Service: Free consultancy and design according to clients requirements, provide optimal proposal for individual clients.

B) After Sales Service: Guarantee & Commissioning: GN Provide 1 year guarantee and service for first time commissioning of system and training up clients engineer.

C) Emergency Service: According to the time of finishing formalities, GN Engineers will leave for the job site ASAP or provide long-distance service, and finish trouble shooting. GN also keeps enlarging offices around the world.

D) Spare Parts: GN always have spare parts available in stock either in China or worldwide warehouses to ensure fast delivery.

India South America Australia

Oil Drilling & HDD & CBM Mud Solids Control & Waste Management
A) GN Manufactures around 150 Centrifuges & 250 Shakers every year.

B) GN is the Only one API Certified company in China who can provide Vertical Cutting Dryer in China

C) GN manufacture around 50 sets every year of complete mud system for HDD & CBM drilling

D) GN manufacture around 5000 Shaker screens for different type of shakers every month
GN make all major solids control equipment for oil drilling, HDD, and CBM drilling.
(4.1B) GN Solids Control System

GN make Complete Mud System for Oil Drilling/HDD/CBM drilling etc.
(4.2A) GN Drilling Waste Management

GN make HI-G Dryer, Vertical Cutting Dryer, Decanter Centrifuge, supply Screw Conveyor, and, Screw Pumps for DWM. Closed Loop Zero Discharge in the drilling site.

A) **Reduce**: Reduce the Volume of the drilling waste.

B) **Reuse**: Reuse valuable drilling fluids.

C) **Recycling**: Recycling water/oil for drilling

D) **Recover**: Recover pollution waste to be environmental friendly waste for disposal

[Images of GN Equipment in Argentina and Brazil]
(4.2B) GN HI-G Dryer Shaker

Description:
GN High G Force Dryer shaker is design for drying the cuttings from the primary solids control equipments, recover silts and ultra-fine sands, provide solids in a consistently stackable and conveyable form and requires no expensive chemicals or polymers.

Features & Benefits
1. High G Force adjustable up to 8 G.
2. Big Volume with 3.2 m² Screen area
3. Wedged type screen locking for fast changing
4. Italy Oli Brand Motor or Italvibras Brand Motor with less maintenance.
5. Deck Adjustable While Working from -1 degree to 5°
6. Simple Design with Linear Motion
7. Rubber and Steal Composite Material Spring for longer Life.

Other Specs:
8. Motor size: 2x1.72Kw
9. Explosion Proof for Class I Division I.
10. Dimension: 2830x1884x1448mm
11. Weight: 1650Kg
(4.2B) GN Vertical G Cutting Dryer

Description:
The GN Vertical G Cutting Dryer is designed to reduce and recover base fluid from a variety of feed slurries. The GN VCD Normally can reach the performance of the Oil On the Cutting (OOC) to be 3% to 5%.

- Reduce the amount of OBM or SBM on cuttings discharge to reduce waste volume and/or meet environmental objectives.
- Recover valuable base fluids for re-use.
- Reduce fluid content prior to other treatment, thereby increasing process capacity.

Features & Benefits
1. High G Force up to 420 G
2. Big Volume for 30 ~ 50 Tons/H
3. Stainless Steel Screen with Opening 250/350/500 microns for option.
4. Adjustable and replaceable Flights easy for maintenance.
5. Individual Oil Lubrication system ensures reliable operation.
6. All major rotation parts is balanced individually.

Other Specs:
8. Motor size: 55Kw for main Motor, Oil pump Motor: 0.55Kw
9. Explosion Proof for Class I Division I.
10. Dimension: 2780x2080x2450mm
11. Weight: 4500Kg

Oil Drilling & HDD & CBM
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(4.2C) GN Decanter Centrifuge

**Description:**
The GN Decanter Centrifuge is designed to separate the ultra-fine solids from the drilling fluids, combined with dewatering unit (Flocculation), it gives the user clean fluids for discharge. GN Decanter centrifuge also can be used for Barite Recovery.

**Features & Benefits**
1. High G Force up to 3000 G.
2. 316 Stainless Steel Bowl, Screw and Collection Box.
3. Different Capacity available from 50GPM to 500 GPM.
4. Speed adjustable by VFD or Mechanical change.
5. Screw protected by Tungsten Carbide Tiles.
7. SKF or FAG Bearing for longer life.
8. Explosion proof for Class I Division I.
(4.3) GN Industrial Slurry Separation Plant

- GN Dredging Slurry Separation Plant
- GN Mining Slurry Separation Plant
- GN TBM Slurry Separation Plant
- GN Piling Slurry Separation

Oil Drilling & HDD & CBM
Mud Solids Control & Waste Management

http://www.gnsolidscontrol.com
GN Worldwide Team

2012 GN In Beijing

2012 GN In USA

Oil Drilling & HDD & CBM
Mud Solids Control & Waste Management
GN Worldwide Team

In Middle East

In Argentina

In Australia

In Russia

Oil Drilling & HDD & CBM
Mud Solids Control & Waste Management
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