I 、 GN Profile

Hebei GN Solids Control Co. Ltd is a China & USA based top manufacturer specializing in complete line solids control equipment & Waste Management Equipment & Shaker Screens for:

- **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 focus on “Top Quality, Reasonable Price, Assured Services”.

- GN is the First API certified solids control equipment manufacturer in China.
- [GN Solids America LLC](http://www.gnsolidscontrol.com) is the first USA based solids control company from China
- GN owns over 65,000 m² (700,000SF) advanced manufacturing facilities.
- GN Owns over 10 patent for the products, and over 5 patent is in pending.
- GN Owns a specialized facility for making shaker screens close to Asian largest wire mesh center city.
- GN Products services in 60 countries and regions, with over 6 services center including USA, Australia, Argentina, Brazil, Middle East, China.
- GN HSE system comply with ISO 14001, ISO 28001 to ensure you with safety products.
Ⅰ、GN Facilities-Headquarter

(1.1) GN Beijing Headquarter Facility: 40 Km to Beijing Airport.
I、GN Facilities-Headquarter

(1.1) GN Beijing Headquarter Facility: Manufacture for Solids Control Equipment.
Ⅰ 、 GN Facilities-Headquarter

(1.2) GN Beijing Headquarter Facility Workshop

Advanced CNC Lathe

CNC Machining Center

Oil Drilling & HDD & CBM

Mud Solids Control & Waste Management
Ⅰ、GN Facilities-Headquarter

(1.3) GN Beijing Facility: Advanced Machinery and Modern Offices.

Balance Machine  Ball Blasting Machine  Auto Powder Coating Line
Ⅰ 、 GN Facilities-Headquarter

(1.4) GN Beijing Facility: Advanced Machinery and Modern Offices.
Ⅰ、GN Facilities- NO. 2 Factory

(1.5) GN No. 2 Factory for Centrifuge & Shaker Screen manufacture area: 300,000 SF.
GN Facilities-Houston Facility

(1.6) GN Houston Facility with 30,000 SF stock of Solids Control Equipment and Shaker Screens
Add: 6710 Windfern Road, Houston, TX 77040, USA
2.1 Brief Introduction

Shale Shaker Screens are one of the major business for GN Solids Control. We understand, the cost-effective shale shaker screens are very important for the drilling operations solids control equipment.

So GN keeps research and develop the best technology to manufacture top quality shaker screens for our clients. GN is able to make around 8000 PCs of shaker screens every month.

With our distribution network and cost-effective products, GN Shale Shaker Screens are popular around the world.

**GN Screen Type?**
- Hook strip flat screen
- Steel frame screen
- Composite frame screen
- Pyramid screen
- Hook strip soft screen
- And more….  

**GN Replacement Screen?**
- Original Screen for GN Solids Control shaker
- Replacement screen for Derrick Shaker
- Replacement Shaker Screen for MI-Swaco Shaker
- Replacement Screen for NOV Brandt Shaker
- And more….  

Oil Drilling & HDD & CBM
Mud Solids Control & Waste Management
## II 、 GN Shaker Screen

### 2.2 What API Size Screen available from GN?

<table>
<thead>
<tr>
<th>D 100 Separation (Micron)</th>
<th>API Screen Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>&gt; 7801.0 TO 925.0</td>
<td>API 20</td>
</tr>
<tr>
<td>&gt; 550.0 TO 655.0</td>
<td>API 30</td>
</tr>
<tr>
<td>&gt; 390.0 TO 462.0</td>
<td>API 40</td>
</tr>
<tr>
<td>&gt; 275.0 TO 390.0</td>
<td>API 50</td>
</tr>
<tr>
<td>&gt; 231.0 TO 275.0</td>
<td>API 60</td>
</tr>
<tr>
<td>&gt; 196.0 TO 231.0</td>
<td>API 70</td>
</tr>
<tr>
<td>&gt; 165.0 TO 196.0</td>
<td>API 80</td>
</tr>
<tr>
<td>&gt; 137.5 TO 165.0</td>
<td>API 100</td>
</tr>
<tr>
<td>&gt; 116.5 TO 137.5</td>
<td>API 120</td>
</tr>
<tr>
<td>&gt; 98.0 TO 116.5</td>
<td>API 140</td>
</tr>
<tr>
<td>&gt; 82.5 TO 98.0</td>
<td>API 170</td>
</tr>
<tr>
<td>&gt; 69.0 TO 82.0</td>
<td>API 200</td>
</tr>
<tr>
<td>&gt; 58.0 TO 69.0</td>
<td>API 230</td>
</tr>
<tr>
<td>&gt; 49.0 TO 58.0</td>
<td>API 270</td>
</tr>
<tr>
<td>&gt; 41.5 TO 49.0</td>
<td>API 325</td>
</tr>
<tr>
<td>&gt; 35.0 TO 41.5</td>
<td>API 400</td>
</tr>
</tbody>
</table>
Ⅱ、GN Shaker Screen

2.3A Different Types of GN Shaker Screens

Composite Frame Shaker Screen

Popular for GNZS594 Shale Shaker, Mi-Swaco Mongoose Shale Shaker, NOV Brandt Cobra Shaker, VSM300 Shaker etc.

Light Weight, More Open Area, Longer Life
2.3B Different Types of GN Shaker Screens

Steel Frame Shaker Screen

Popular for GNZS703 Shale Shaker, Mi-Swaco Mongoose and D380 Shale Shaker, NOV Brandt Cobra Shaker, VSM300 Shaker etc.

Wide Applications, Less Cost, Pre-tensioned.
2.3C Different Types of GN Shaker Screens

**Hard Hook Strip Shaker Screen**

Popular for Derrick Shale Shakers FLC500 and FLC 2000 Shaker, Mi-Swaco ALS Shale Shaker etc.

Available with Pyramid and Flat Shape.

Wide Applications, Less Cost, Light Weight.
Ⅱ、GN Shaker Screen

2.5 Customized Packing/Label And Worldwide distributions

Not Just Solution, But Also Support.

To help to marketing the screens for your own brand, GN Solids Control also provide the customized package and label (OEM) services for our clients.

To provide the fast delivery for our worldwide clients. GN Solids Control worldwide distribution network close to your operation can help you to keep stock of shale shaker screens for your requirements.

Locations available:
China, USA, Russia, Australia, Middle East, Argentina, Brazil Romania Etc.

You can contact us to check for more.
Ⅱ、GN Shaker Screen

2.7 Normal Information we want to know for your order

1: What Screen Dimension?
Specify Shaker Manufacturer & Model or Part No.? (Well-Known Shaker)
Specify Shaker Screen Dimension & Picture? (Not Known Shaker)

2: What Screen Type?
Hook Strip Flat Screen
Hook Strip Pyramid Screen
Steel Frame Screen or Composite Frame Screen

3: What Screen Mesh/API No./Cut Point?
Give us inquired Screen Mesh?
Or Screen API No.?”
Or Screen D100 Cut Point?

4: What Qty for each item?

5: Purchase Schedule & Shipment Option?

6: Do you need customized packaging and label?

7: What sample screens you want to try?

8: What location you want us to keep stock and regular requirements?
(4.3A) GN High G Drying Shaker

**Description:**
GN High G Force Dryer shaker is design for primary solids control and 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 4/3 Panel Pretentioned Shaker Screen
3. Wedged type screen locking for fast changing
4. Italy Oli Brand Motor or Martin Brand Motor with less maintenance.
5. Shaker bottom deck made from Stainless Steel for long service life
6. Electric and Mechanical Deck Adjustable While Working from -1 degree to 5°
7. Patent tighten rubber sealing for shaker deck and screen, long life and easy replacement.
8. Rubber and Steal Composite Material Spring for longer Life.
9. Flexible feeding type including Weir Feed, Top Feed, and Hopper Feed for different applications.
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 / 750 G @ 1200RPM
2. Big Volume for 30 ~ 50 Tons/H
3. Stainless Steel Screen with Opening 250/350/500 microns for option.
4. The flights are made from hard facing material or HRC65 to be anti-abrasive from solids and ensure long operational life.
5. Air Knife is Provided for cleaning the screen to avoid screen blinding.
6. Screw conveyor installed under the dryer to pick up the dry solids for continues operation
7. Individual Oil Lubrication system ensures reliable operation.
8. All major rotation parts is balanced individually.
Ⅲ、GN Main Equipment- Decanter Centrifuge

Description:
The GN Decanter Centrifuge is designed to separate the ultra-fine solids from the drilling fluids, combined with a dewatering unit (Flocculation), giving users clean fluids for discharge. GN Decanter centrifuge can also be used for Barite Recovery. GN decanter centrifuge is available with bowl sizes at 9 inch, 14 inch, 18 inch, and 22 inch for your option.
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