

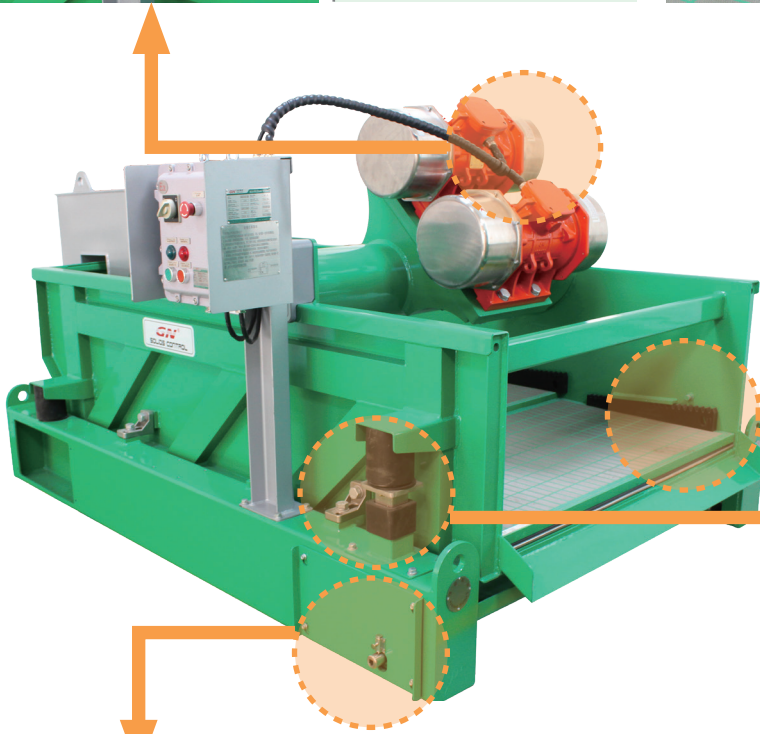
## Features & Benefits for GN Shale Shaker



Italy OLI or US Martin Brand Vibration Motors  
GN Ex Control panel with SIEMENS or Schneider Component



Pretentioned composite frame screen with Gear unit for fast screen change and longer screen life



- 1) Heavy Duty design and heat treatment for the shaker basket to get the adjustable G force up to 8.0G.
- 2) The shaker bed below the screen is made from stainless steel to have anti-corrosion features for longer life.
- 3) Patent shaker screen seal technology for avoiding fine solids bypass and to have easy maintenance.

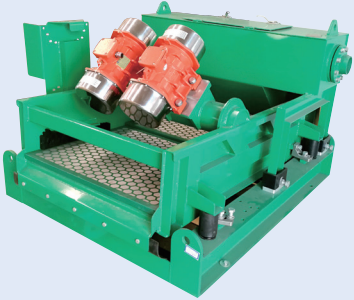
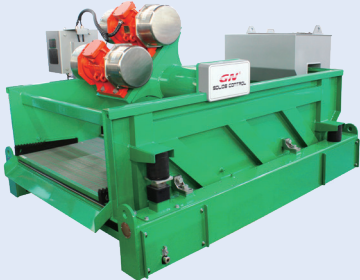



Mechanical Deck angle adjustable while working system to work reliably for different drilling fluids



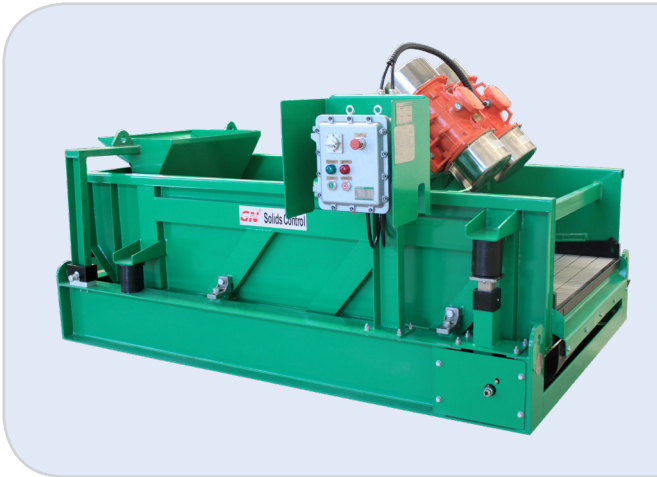
- 1) User friendly shaker locking system made from stainless steel.
- 2) The vibration spring is covered with rubber for safety and less noise.

## 1. GN Shale Shaker Specs

	<p>GNZS752 series Mini shakers have been widely used in trench-less HDD, water well drilling, diamond core drilling etc., best option for compact system and low flow rate.</p>
	<p>GNZS703 &amp; GNZS594 series single deck shale shaker is popular in oil gas drilling, big trench-less HDD projects, or other industry separation demand.</p>
	<p>GNZS706 series double deck shaker is properly designed for piling, TBM, big oil gas rig, big trench-less project, or the industry separation for multi-phase separation.</p>

Model	GNZS752F-MDZF	GNZS703F-SDZF	GNZS703F-SHBF	GNZS594F-SHBF	GNZS706F-SHBF
<b>Vibration Mode</b>	Linear Motion				
<b>Capacity(m<sup>3</sup>/h)</b>	45(200GPM)	120(528GPM)		140(616GPM)	140(616GPM)
<b>Vibration Motor(Kw)</b>	2×1.0	2×1.72			2×1.94
<b>Screen Qty(Pcs)</b>	2	3		4	6
<b>Screen Size(mm)</b>	750×900	700×1250×29		585×1165×40	Up:750×900 Down:700×1250
<b>Screen Area(m<sup>2</sup>)</b>	1.35	2.63		2.73	Up:2.03 Down:2.63
<b>Adjustable G Force</b>	≤7.5G				≤7.3G
<b>Vibration Amplitude(mm)</b>	4.14~5.96				4.04~5.82
<b>Deck Angle Range</b>	+2°	-1°~+5°			
<b>Feeding Type</b>	Top Box Feeder			Weir Feeder	
<b>Weir Height(mm)</b>	714	1060		895	
<b>EX Standard</b>	ExdIIBt4 / IEC EX/ ATEX				
<b>Weight(Kg)</b>	929	1665	1571	1624	1795
<b>L×W×H(mm)</b>	1816×1657×1083	2462×2007×1476	2744×1968×1435	2989×1968×1435	2744×1968×1435
<b>Remarks</b>	Above capacity only for reference, actual capacity will be various as per screen API No. and mud conditions				

## 2. High G Drying Shaker



Model	GNZS594F-SGZF	GNZS703F-SGZF
Vibration Mode	Linear Motion	
Capacity(m <sup>3</sup> /h)	140(616GPM)	120(528GPM)
Vibration Motor(Kw)	2×1.94	
Screen Qty(Pcs)	4	3
Screen Size: L×W(mm)	585×1165	700×1250
Screen Area(m <sup>2</sup> )	2.73	2.63
Adjustable G Force	≤8.2G	≤8.3G
Vibration Amplitude(mm)	4.5~6.48	4.6~6.62
Deck Angle Range	-1 to +5°	
Feeding Type	Hopper Feeder	
Feeder Height(mm)	1065	
EX Standard	ExdIIBT4/IECEX/ATEX	
Weight(Kg)	1590	1538
L×W×H(mm)	2912×1968×1435	2667×1968×1435

### Features

- G force up to 8.0 adjustable for drying solids discharge.
- Mechanical shaker deck angle adjustable while working.
- Patented tighten rubber sealing for shaker deck and screen, long life and easy replacement.
- Shaker bottom deck made from Stainless Steel for long service life.
- Heat treatment on complete shaker deck for High G force operation.
- 4 Panel Pretensioned Shaker screen for fast screen replacement.
- Famous Brand Vibration Motors : IEC Ex, ATEX and UL Certified.
- Low Profile Feeder for easier cuttings transfer.

### 3. Mud Cleaner



Model	GNZJ703F-D1S8NF	GNZJ703F-S2S12NF	GNZJ594F-S2S12NF	GNZJ703F-S3S16NF	GNZJ594F-S3S16NF	
Capacity(m <sup>3</sup> /h)	120(528GPM)	240(1056GPM)		360(1584GPM)		
Desander Size(Inch)	10					
Desander Qty(PCS)	1	2		3		
Desilter Size(Inch)	4					
Desilter Qty(PCS)	8	12		16		
Working Pressure(Mpa)	0.25 ~ 0.4					
Inlet Size(Inch)	6					
Outlet Size(Inch)	8					
Bottom Shaker Specs.	Shaker Model	GNZS703F		GNZS594F	GNZS703F	GNZS594F
	Vibration Mode	Linear Motion				
	Motor(Kw)	2×1.72				
	Screen Qty(Pcs)	3		4	3	4
	Screen Size(mm)	700×1250		585×1165	700×1250	585×1165
	Screen Area(m <sup>2</sup> )	2.63		2.73	2.63	2.73
	Adjust G Force	≤7.5G				
	Vibration Amplitude(mm)	4.14 ~ 5.96				
	Deck Angle Range	-1 ~ +5°				
EX Standard	ExdIIBT4/IECEX/ATEX					
Weight(Kg)	1930	2235	2285	2328	2378	
Dimension: L×W×H(mm)	2462×2042×1848	2462×2042×2147	2707×2042×2147	2462×2042×2147	2707×2042×2147	

#### Features

- Desander & Desilter & Shale Shaker 3 in one unit for compact footprint.
- Polyurethane Material hydro cyclone for long life.
- Removable hydro cyclone assembly for adjusting to be a shale shaker.
- Mechanical shaker deck angle adjustable while working.
- Patented tighten rubber sealing for shaker deck and screen, long life and easy replacement.
- Shaker bottom deck made from Stainless Steel for long service life.
- Heat treatment on complete shaker deck for High G force operation.
- Pretensioned Shaker screen for fast screen replacement.
- Famous Brand Vibration Motors : IEC Ex, ATEX and UL Certified