



PNEUMATIC DRILL RIG



GST SQD PNEUMATIC DRILL RIG

The SQD Pneumatic Drill rig is a versatile rig utilized for drilling, support, and blasting holes at the development end. Equipped with a unique rollover assembly, this rig is capable of drilling in any direction. At GST, our priority is to ensure that our drill rigs are safe, accurate, and highly effective. The acronym SQD represents our core values of **'Safe, Quality, Drilling'**, reflecting our commitment to providing top-notch equipment for all drilling needs.

» DETAILS

- ✓ Weight of unit: 5056 kg
- ✓ Length of carrier: 2.6m
- ✓ Height (Canopy retracted): 1.726m
- ✓ Max operating height: 4.0m
- ✓ Boom Length (when retracted): 4.701m
- ✓ Boom length (when extended): 6.455m

» SAFETY

- Operator safety - Operators remain more than six meters from the face, safely positioned under a protective canopy.
- With operators always under permanent support (roof bolts) during drilling, safety is ensured throughout operations.
- Drilling discipline; fosters a safe and stable rock wall condition, minimizing damage to hang wall conditions and ensuring the safety of the development crew.
- Safer drilling method in poor ground conditions.

» QUALITY

- Improved cost-efficiency
- Controlled drilling reduces support and secondary support cost.
- Improves advance per blast due to drilling discipline.
- Reduces explosive cost because of increased face advance and reduces the number of holes.
- Increases development rate as longer rounds can be drilled; for example, 3.8m rounds have been drilled successfully.
- Favourable unit cost with better face advance compared to handheld drilling.

Learn More:



»» DRILLING

- Roof bolts drilled remotely.
- Physical working conditions become more favourable and acceptable.
- Enhances skills development.
- Drilling time is decreased due to double booms capable of working independently.

»» DIMENSIONS

- Weight of unit: 5056kg
- Length of carrier: 2.6m
- Max operating height: 4.0m
- Min operating height: 3.0m
- Max operating width: 6m
- Boom Length (when retracted): 4.701m
- Boom length (when extended): 6.455m
- Feed rail length: 3.0m
- Hole-length: 2.4m

»» POWERPACK

- Power source: 1 x 15 kW / 4 pole | 525V electric motor | 19/17cc Double Stage Gear Pump
- Hydraulic oil (Tank capacity): 1 x 180 liter


»» CLIENTS

Platinum

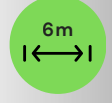
- Anglo American
- Sibanye-Stillwater
- Impala - Royal Bafokeng
- Impala - Rustenburg



Safe Operating Distance of **6m from the face**



Operating Height: **4m (Max)**
3m (Min)



Operating Width: **6m (Max)**



Used For Drilling Support in the **Side and Hang wall**



DRILL RIG WITH COMPRESSOR



GST SQD DRILL RIG WITH COMPRESSOR

The SQD Drill rig with onboard compressor is a versatile Pneumatic rig utilized for drilling, support, and blasting holes at the development end. Equipped with a unique rollover assembly, this rig is capable of drilling in any direction. At GST, our priority is to ensure that our drill rigs are safe, accurate, and highly effective. The acronym SQD represents our core values of 'Safe, Quality, Drilling', reflecting our commitment to providing top-notch equipment for all drilling needs. The unit is equipped with its own compressor ensuring stable air flow and constant drilling speeds.

»» DETAILS

- ✓ Weight of unit: 6049kg
- ✓ Length of carrier: 3.2m
- ✓ Height (Canopy retracted): 1.9m
- ✓ Max operating height: 4.0m (Designed to application)
- ✓ Boom Length (when retracted): 4.701m
- ✓ Boom length (when extended): 6.655m

»» SAFETY

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- With operators always under permanent support (roof bolts) during drilling, safety is ensured throughout operations.
- Drilling discipline; fosters a safe and stable rock wall condition, minimizing damage to hang wall conditions and ensuring the safety of the development crew.
- Safer drilling method in poor ground conditions.

»» QUALITY

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- Improves advance per blast due to drilling discipline.
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- Weight of unit: 6049kg
- Length of carrier: 3.2m
- Height (Canopy retracted): 1.9m
- Max operating height (Design to application): 4.0m
- Boom Length (when retracted): 4.701m
- Boom length (when extended): 6.655m
- Feed rail length: 3.0m
- Hole length: 2.4m
- Feed pressure (Pneumatic): 180kg/25 mm²
- Power source: 15kW (550v) electric motor driving 19/17cc (Double stage gear pump)
- Start up Amps: 22A
- Running amps: 17.5A
- Hydraulic oil (Tank capacity): 180 liter

» COMPRESSOR

- | | |
|-------------------------------|-----------------------------------|
| • Model: EAS60/EAS/75 | • Maximum Working Pressure: 8 Bar |
| • Volume: 345CFM | • Electric motor: 55Kw (525v) |
| • Receiver capacity: 44 liter | • Start up Amps: 285A |
| • Operating Pressure: 5.5 bar | • Running Amps: 72A |


» CLIENTS




Safe Operating Distance of **6m from the face**



Operating Height: **4m (Max)**
3m (Min)



Operating Width: **6m (Max)**



Used For Drilling Support in the **Side and Hang wall**