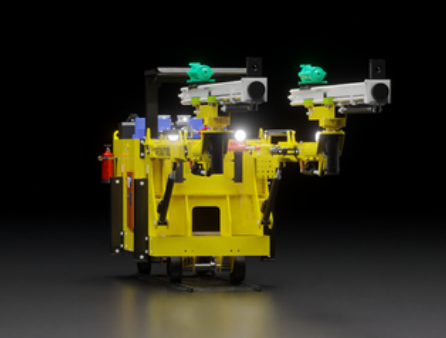




HYDRAULIC DRILL RIG



GST SQD HYDRAULIC DRILL RIG

The SQD Hydraulic 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: 6378kg
- ✓ Length of carrier: 2.9m
- ✓ Height (Canopy retracted): 1.811m
- ✓ Max operating height: 4.0m to 6m
- ✓ Boom Length (when retracted): 5.120m
- ✓ Boom length (when extended): 7.604m

SAFETY

- Operator safety - Operators remain more than four 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: 6378kg
- Length of carrier: 2.9m
- Max operating height: 4.0m
- Hole-length: 3.2m
- Boom Length (when retracted): 5.120m
- Boom length (when extended): 7.604m
- Feed rail length: 3.0m

» POWERPACK

- Feed pressure (Hydraulic drifter): 180kg/25 mm²
- Power source: 2 x (30kW / 4 pole 45cc Positive displacement piston pumps) + 25 / 12cc gear pump.
- Hydraulic oil (Tank capacity): 2 x 172 liter

» MONTABERT HC25 HYDRAULIC DRIFTER

- Percussion pressure: 150 bar
- Percussion flow: 60 -65 L/min
- Rotation pressure: 140 bar
- Rotation flow: 35 L/min
- Impact power: 9 Kw
- Shank: R32
- Impact rate: 50Hz - 55Hz
3000 to 3900Bpm
- Rotation speed: 50 - 300 Rpm
- Max rotation torque: 150 Nm
- Water consumption: 30 L/min
- Bit size: 34mm - 55mm

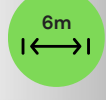
» CLIENTS




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**