

General Operating Rules

GCG Cyclone Grinder



- Due to the low cutting speed and depending on the type of layers, only slight dust formation occurs with the Cyclone. However, in rare cases with high degrees of dust generation, appropriate counter-measures must be taken (e.g. spray water systems, mobile/fixed anti-dust systems, wearing of personal protective equipment).
- The Cyclone generates heat, which increases the temperatures in the working environment. Consistent, appropriate ventilation must be available at all times.
- Never lift, move or swing a Cyclone over anyone.
- The Cyclone should not be used as a parking brake to immobilize the excavator or in any way to assist in moving the excavator.
- The hazard areas of the Cyclone are specially marked. Observe the warning signs at the machine and keep them in legible condition.
- At a pressure greater than 725 psi, the pressure relief valve is triggered.
- Do not modify the Cyclone. This also applies for attachment and welding of load-bearing parts.
- During set-up, the Cyclone must only be operated by one person.
- In free-ranging operation, the Cyclone's A-rated sound power level is below 75 dBA. Depending on the type of material being processed, the sound power level may be above this value. If required, a measurement of continuous sound pressure must be taken and suitable protective measures implemented.
- Optimal operation is only possible if the drum is guided in the direction of the excavator. When swiveling the Cyclone to the sides for reaching long distances, the forces acting on the excavator boom and the Cyclone drum bearings must not be too high.
- When operating on vertical surfaces, the Cyclone must be turned 180 degrees to reduce vibration and counter-forces during cutting.
- Use of the Cyclone in swampy areas or underwater in depths of up to 98 feet is possible upon conversion. Contact Genesis before using in such an application.