

geolometer

R O C K S O L I D L Y R E L I A B L E



GL-CC 207

**Automatic double-knife rock
core-like dual-use machine**

PRODUCT APPLICATION

The machine is mainly used for cutting cores and rock ore specimens. The Automatic Double-Knife Rock Core-Like Dual-Use Machine is designed for precise and efficient cutting of cylindrical rock cores and block samples. Ideal for geological, construction, and materials testing labs, it handles a wide range of materials including mudstone, sandstone, magnesium bricks, and other refractory samples with a hardness of up to level 9. With adjustable blade spacing and support for both double and single-knife configurations, it offers flexibility for various sample sizes and cutting needs. Suitable for both dry and wet cutting operations.

Product Specifications

| SPECIFICATIONS | GL-CC 207 |
|-----------------------------|--|
| Cutting Range | Diameter 18–200 mm cylindrical cores, 180×180×350 mm rocks |
| Cutting Capability | Dry cutting of mud, sandstone, magnesium bricks, etc. (hardness < 9) |
| Adjustable Blade Spacing | 25, 50, 75, 100, 125 mm |
| Blade Type | Double/single knife convertible |
| Blade Dimensions (Standard) | Inner: 50 mm, Outer: 500 mm |
| Blade Dimensions (Optional) | JRg60Q: $\Phi 500 \times 4.5 \times 50$ mm JRg600: $\Phi 600 \times 5 \times 50$ mm |
| Cutting Line Speed | 40 m/s |
| Main Motor Power | 4 kW, 1420 rpm |
| Longitudinal Motor Power | 0.75 kW |
| Noise Level | ≤ 80 dB |
| Included Sets | 2 cm, 3 cm, 5 cm blocks |
| Dimensions (L x W x H) | 1500 × 830 × 1350 mm |
| Weight | 700 kg |
| Blade Customization Option | Up to 600 mm diameter blade |