# The Queen of Kalahari

The 342-carat rough diamond has resulted in a set of 23 diamonds, the Garden of Kalahari.

Out of these 23 diamonds, 5 are over 20 carats. Each of the main cut shapes are represented: brilliant, heart, emerald, cushion, and pear.

<table>
<thead>
<tr>
<th>LMJ used for:</th>
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<tbody>
<tr>
<td>• Cutting rough diamond</td>
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<tr>
<td>• Fancy shaping</td>
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## Perfect cut on a very expensive and valuable diamond

**Main processing criteria:**
- Minimal weight loss
- Highest yield
- Minimal or no diamond damages
- Smooth surfaces

**Machining technologies able to reach these criteria:**
- Laser MicroJet (LMJ)
- Conventional dry laser

## Laser MicroJet Technology

**LMJ advantages versus conventional laser:**
- Lower weight loss due to parallel cut
- No diamond damages
- Smoother surfaces
- Higher precision

**Installed machine type:**
- 1 x DCS 300
- 100 W green laser