

# Piaui picotite piedra del cabo Piermatic Automatic Diamond Polishing Machine

Contributed by Administrator  
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**Piaui.** A state in Brazil and a minor producer of diamonds. See **brazil**. **picking table.** A flat or slightly in-clined platform on which diamond-bearing ore is distributed to remove unwanted materials. It was used in the South African diamond mines until the effectiveness of grease sep-aration was discovered accidentally. It is still used in some small opera-tions.

**picotite.** A dark-brown, translucent to almost opaque variety of spinel; a primary mineral in the kimberlite oc-currences of South Africa. At one time it was suggested as constituting many of the dark-appearing inclu-sions in diamond, but this was not confirmed by later research.

**piedra del cabo.** The Spanish term for South African diamond.

**Piermatic Automatic Diamond Polishing Machine.** The Piermatic unit was invented by Mr. M.Liebowitz, a South African civil en-gineer, and developed by the Dia-mond Trading Company in the mid-1960's and early-1970's. It is limited to the cutting of round brilliant dia-monds. Reportedly, it is best suited for processing sawn crystals (four-point diamonds) between 0.20 carats through 0.60 carats. The unit com-pletely polishes the pavilion facets, lower and upper girdle facets, and bezel facets. The star facets, table facet and culet (if any) must be polished by the traditional (non-automated) method. The newer Piermatic II is an improved Piermatic Machine.

**pierres de fantasie.** A French term meaning fancy-colored diamonds.

**piggy-back diamond.** An "assembled stone" composed of a flat diamond with a large culet set above, but not touching, a smaller diamond result-ing in the appearance of a much larger stone when viewed from above.