

# MODEL GF5

## THE GEMMASTA FACETING MACHINE

Approximate weight, 24 kg



### FEATURES AND SPECIFICATIONS

Precision machined, compact aluminium base for strength, accuracy and stability. Base size 50cm x 31cm x 7.5cm

Powered by a smooth and quiet 240V 180W high torque induction motor, fully variable from 60 - 2400 RPM.

Precisely adjustable and gives finger-tip control. Every operation can be performed with maximum ease and efficiency.

Machine Post is chromed steel and is offset in base.

The arm does not pivot on the post but on two angular contact bearings, which are adjustable for play.

Micrometer fine height adjustment, mounted on the post, has 25mm travel and graduated in 1/100<sup>th</sup> millimeter.

Protractor is graduated in degrees, with a degree splitter to attain 1/10<sup>th</sup> of a degree. The Dial Indicator can be used in conjunction with the angle stop to achieve accurate, repeatable facet angles.

Spring loaded trigger locks index wheel without any side movement. The cheater is operated by a knurled screw and has easy to read graduations in 1/10mm.

The handpiece dop arm pivots on two opposed angular contact bearings, which are adjustable for play, giving featherweight "feel" when cutting small facets.

Handpiece (Chuck) can be removed without disturbing the alignment of the stone.

Master lap spindle is stainless steel and is fitted with two sealed bearings for rigidity and smooth operation.

Supplied with;

64 Index Wheel.

Set of Dop Sticks and 45° Dop.

Transfer Block.

Spanner for Quill.

Splash Deflector, to use when pan gate is open.

Water bottle with tap to control water flow.

GF5 Elementary Faceting Instructions