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Country Belgium

PRODUCTS OR MACHINERY

The main production of BIEBUYCK is consisting of:

Crack-off and rim fire-polishing machines for tableware. The Biebuyck crack-off technique is particularly able to process thin, high value glass rims.
Sawing, grinding, bevelling and polishing machines for the edges of vases, lighting and fancy glassware.
Glass decoration cutting and engraving lathes.

Processing machines for several types of glass items:

Tableware and tumblers

One of the main quality features of a crystal or soda-lime glass tableware item is a thin edge (rim). The best solution to obtain a thin glass rim is obtained by cracking-off the moil (the glass surplus caused by the tableware fabrication process). The crack-off process includes following steps:

- * scribing and then breaking-off the moil by means of a thermal shock: either generated by the traditional mechanical solution of by our Laser Generation 2
- * Glass rim grinding and bevelling
- * Rim fire-polishing
- * optionally: rim toughening

Vases and lighting glasses

Also vases have a moil that must be removed, like tableware. For vases showing a glass wall thickness that may exceed 10 mm, the best solution is generally sawing, whereby our process is formed by following steps:

- * Sawing using diamond tools, the moil being oriented downwards (BIEBUYCK patent)
- * Glass rim grinding and bevelling
- * Mechanical polishing (New) giving the glass surface a mirror-like finish quality, without any tedious acid polishing

Figurines and candlesticks

Like tableware, these items have a moil that must be removed. The difference is that these items are not hollow but full glass. The processing steps are:

- * Sawing using diamond disks, the moil being oriented downwards (BIEBUYCK patent)
- * Glass rim grinding and bevelling
- * optionally: machining a ground base under the glass foot
- * Mechanical polishing (New) giving the glass surface a mirror-like finish quality, without any tedious acid polishing

For hand-made productions we offer manual machines.

Company Profile of **Biebuyck Ets. S.A.**

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