SINCE 1978

PRODUCT DETAILS

TG6

FULLY AUTOMATIC ICE LATHE

DESCRIPTION

The most innovative ice lathe available. This state of the art ice lathe revolutionises the concept of ice lathes. The TG6 takes advantage of the most advanced electronic and computer technology to automate the work cycle. Thanks to the new technologies used the precision is now measured by the micron (µm) A complete new onboard computer system sees to controlling all aspects of production. New brushless motors, and refrigeration system which allows automatic rapid icing and thawing. The new tool head has a total of 9 tools which are changed automatically according to the pre-set program. Up to three diamond tools work simultaneously, removing three times as much material per pass, and there is no downtime due to empty passes. Each type of work cycle can be programmed into the on board computer via a touch screen panel. When needed a pre-programmed work cycle is called up and starts automatically. The unique internal design allows for a complete recovery of the gold dust. Any defect in the drums (or chain's) surface can also be programmed into the machine so that the tool head follows the profile of the drum (or chain), thus prolonging the drums work life (and drastically reducing scrap). Up to 9 different sets of chains (with different process programs) can be loaded onto the drum per single icing session, ideal for small sets of sample chains. Industry 4.0 ready.

FEATURES

- Ø 505 mm x 290 mm drum
- 9 tool turret head
- Micrometric precision
- Fully integrated freezer
- Tele assistance available

TECNHICAL DATA

Cylinder Ø - length	Ø 505 - 290mm
Rotation speed	500 rpm
Minimum chain size	0.18 mm
Freezing time	4 min
Thawing time	1 - 2 min
Voltage (threephase)	400 V 50/60 Hz
Power	15 kW
Compressed air	1 lt./min (dry) at 6 bar + 3 lt. Per work cycle
Water supply	60 l/h at 2-4 bar 16-24 °C Hardness 8-10 °F
Dimensions	133 x 91 x 195(h) cm – 1,540 kg
Packing	158 x 134 x 215 (h) – 1,770 kg

Note: The above data, features and characteristics are not binding. CIEMMEO s.r.l. retains the right to vary them at any time without prior notice