

Blocking Machine



A Low cost top & Bottom Blocking Machine For Round & Fancy Stones

Specification

Weight	: 430 Kgs.
Dimension	: 1000 x 800 x 1600 mm
Supply	: 220 VAC, 50 Hz, 1 Phase
	: 415 VAC, 50 HZ, 3 Phase
Load	: 1.5 KW

Description

- Revolutionary Machine For Blocking Round and Fancy Stones.
- Can polish Table using Table Setting Station provided by LEXUS.
- No Expert Polishers Required.
- Easily Selectable Program For Blocking.
- State Of The Art Artificial Intelligence housed inside for Total Control.
- Suitable For All Type Of Stones - Thanks to its reliable Grain Seeking Systems.
- Modular Construction - Easy Maintenance.
- The Unique System to Handle Stones with "NAT".
- One Operator Can Handle Up To 8 Dops (2Units).
- Fully Automatic Diamond Blocking Machine, at a Surprisingly Low Price / A Cheap Import Substitute.
- In Built Computer system.
- Database available in Dbase/ FoxBASE Format for factory automation.

The machines from LEXUS differ from other Blocking Machines in following respect:

1. This machine is designed on a novel idea of Swivel descend (like Octopus). Whereas other blocking machines (except Octopus) work on parallel descend principle.
2. Facet indexing is manual in Lexus, whereas in other blocking machines it automatic. Because of the manual indexing the machine allows following flexibility:
 - a. The machine can be used as a ROTANG for -11 (smalls), to cut bottom 4 / 8 and also for Hard to Cut Stones.
 - b. The machine can be used to cut Bottom 8 as well as Top 8.
 - c. The machine can be used for Round blocking as well as Fancy blocking.
 - d. The machine can be used for windowing and faceting rough stone as well.
 - e. The machine can also be used to cut first Table on Makeable.
3. The machine is very simple to operate and maintain. All the parts used are indigenously manufactured in India. The spares are low cost and abundantly available.
4. Because of lesser number of parts in stone descend mechanism, the machine can accurately seek the right grain position. The grain seeking mechanism accuracy will not deteriorate with time. Whereas, in other blocking machine, there are more number of flexing parts in stone descend mechanism. They generate a considerable amount of clearance and play with time. This also accounts for poor grain seeking accuracy in future.
5. The machine from Lexus can cut in Die Contact mode as well as Micron Feed Mode. This is very important for Model preparation and Fancy Blocking. Whereas in other blocking machines, this is not possible.
6. The record (data Base) of each stone cutting time and grain direction is stored in the computer system for future use. This is not possible in other blocking machines.
7. All blocking machines can hooked up with Planner / Analyser / Auto Bruter with LAN for complete factory automation.
8. The stone can be lifted from scaife, while it is being polished, to scrutinise cutting. This is possible on Lexus, and not on others.