



MAGNUS ACE



AN EXCELLENT ADD-ON TO
SAVE TIME & MONEY

**Proudly Invented &
Made In INDIA**

MAGNUS ACE

Introducing a Revolutionary System
to Increase Laser Sawing Production

Existing
Work Flow

The Perfect Place
To Insert **MAGNUS ACE**



Rough Diamond



Rough Diamond
Planning and Marking



Sticking on Sawing Bit



Setting Banding and
Sawing Parameter
Laser Sawing Machine



Rough Diamond



Rough Diamond
Planning and Marking



Sticking on Sawing Bit



Setting Banding and
Sawing Parameter
In MAGNUS ACE



Laser Sawing Machine

COMPARISON

Old Process

- 1.Manual setting for banding and sawing.
- 2.Takes significant amount of time.
- 3.More Human Errors.
- 4.Less accuracy.
- 5.Low Production.

Process with Magnus ACE

- 1.Automatic Banding and Sawing setting.
- 2.Saves your production time.
- 3.No chance of Human Error.
- 4.High Accuracy
- 5.Improves production speed.

WORK FLOW OF MAGNUS ACE

After the rough diamond passes the stages of planning and sticking, the dop placed inside Magnus Ace.

•Alike in a planner, it creates a 3D image of the rough stone.
Starting line for sawing process is calculated.

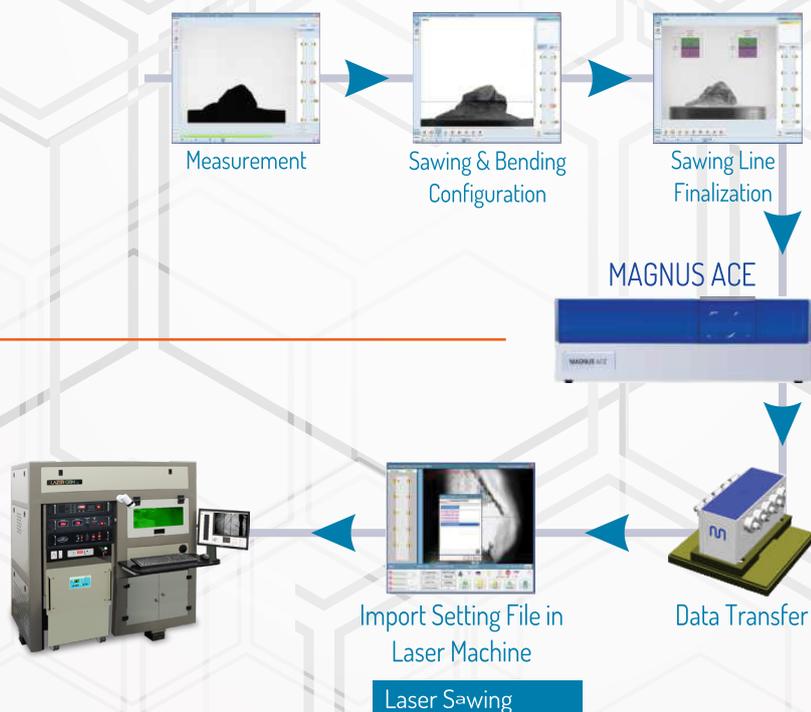
•Percentage for sawing are finalised.

Numbers of sides for banding are finalised.

Sawing and banding lines giving maximum safety with minimum weight loss are finalised.

•Magnus Ace is compatible with our laser-sawing machines viz., Lazer Super9, Lazer Super9E, Lazer Duo Super Green and of course our future products too.

•Now, the operator has to click only on the 'START SAWING' command and the perfect laser sawing gets started.



STRIKING FEATURES

- The entire workload of banding and sawing parameters setting is transferred from laser cutting machine to Magnus Ace, thus, giving more time to laser cutting machine to increase its productivity.
- Entire process of setting banding and sawing parameters is done in a rapid and precise manner by advanced algorithm software of Magnus Ace, leaving no chance for any human error. This results in gaining safety assurance against breakage with minimum weight loss from a rough diamond.
- User-friendly software for Magnus Ace is exclusively designed to determine the best parameters for banding and sawing rough diamonds.
- A single Magnus Ace machine can be used for 2 to 4 laser-cutting machines. This will apparently reduce the requirement of scarcely available skilled operators.
- Saves time, increases productivity and gains a good reputation for your company on getting best yield from your diamonds.
- High grade optics and advanced technology clubbed in a single, compact and scratch proof body.
- Proudly empowering the mission of “MAKE IN INDIA”.



Having Customer Base in More Than
30 Countries & 5 Continents



India | Botswana | Brazil | Cambodia | China | Dubai | Ghana
Hong Kong | Indonesia | Japan | Laos | Mauritius | Romania
Russia | Singapore | South Africa | South Korea | Spain
Sri Lanka | Switzerland | Taiwan | Thailand | Turkey
United States | Vietnam | Zimbabwe



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