MAGNUS ACE

An excellent add-on to save time and money

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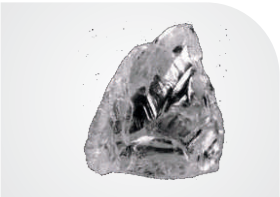
MAGNUS ACE

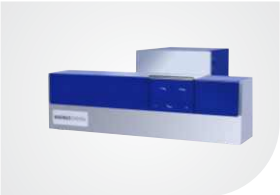
INTRODUCING A REVOLUTIONARY SYSTEMTO INCREASE LASER SAWING PRODUCTION

COMPARISON

EXISTING WORK FLOW



Rough Diamond



Rough Diamond planning and marking

Sticking on Sawing Bit

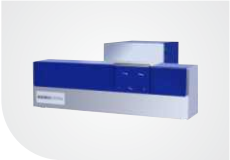
Setting banding and Sawing Parameter

Laser Sawing Machine

The Perfect Place to insert MAGNUS ACE

Rough Diamond

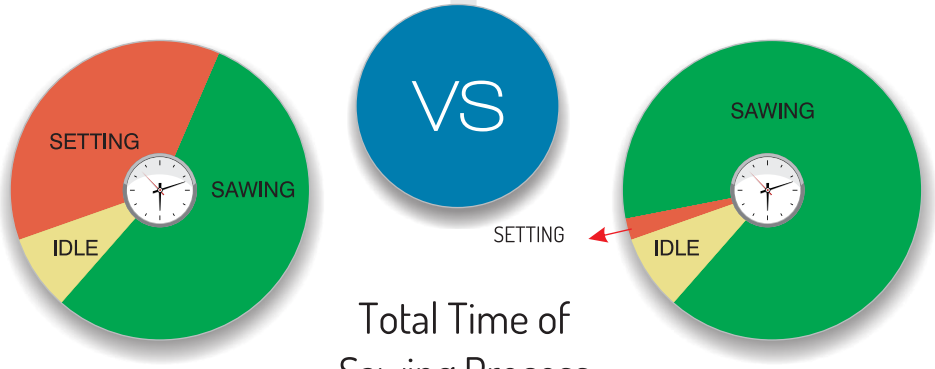
Rough Diamond planning and marking



Sticking on Sawing Bit

Setting banding and Sawing Parameter in Magnus Ace

Laser Sawing Machine



Total Time of Sawing Process

- Manual setting of banding and sawing parameters consumes a significant amount of time.
- Chances of human errors are too high.

- Magnus Ace will set the banding and sawing parameters with high speed and accuracy. During this process, one need not stop the laser-sawing machine for setting of banding and sawing parameters, it keeps on running.This helps to save a good amount of time otherwise.
- Chances of human errors are almost nil.

Where Accuracy Meets **Higher Production....**

MAGNUS ACE WORK FLOW

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

Here...

- 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.

SALIENT FEATURES:

- User-friendly software for Magnus Ace is exclusively designed to determine the best parameters for banding and sawing rough diamonds.

- 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.

- 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".

An excellent add-on to save time and money.

PROUDLY INVENTED & MADE IN INDIA

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