

## SAWCUT<sup>®</sup>

Green Laser Sawing & Shaping System

SAWCUT is a Green Diode Laser machine for sawing regular and Polaris diamonds, as well as sawing shaping models of round and fantasy diamonds.



### ESTIMATED PRODUCTION FROM SAWCUT<sup>®</sup>

Single- Stone Sawing		Mass Sawing (with Cassette)	
Diamond Weight	Carats / 24 Hours	Diamond Weight	Carats / 24 Hours
0-0.10	80	0-0.10	100
0.11-0.15	95	0.11-0.15	110
0.16-0.25	110	0.16-0.25	130
0.26-0.50	125	0.26-0.50	150
0.51-0.75	140	0.51-0.75	180
0.76-1.00	150	0.76-1.00	200



### TECHNICAL INFORMATION:

Dimensions:  
185 mmL x 120 mmH x 85 mmW  
Weight:  
420 Kg (926 Pounds)  
Laser Source:  
YAG green laser  
Wave Length:  
532 Nm  
Axis Travel:  
200 mm x 200 mm x 50 mm (We can supply higher)

### PRODUCT HIGHLIGHTS:

- Unique solution for sawing regular and Polaris stones safely and with minimum waste
- Minimum waste from the rough material due to smooth sawing of the diamond's surface
- Single or double-sided sawing to reduce weight loss and to receive smooth surface sawing (1.7%-2.5% loss in single-sided sawing, less than 2% loss in double-sided sawing)
- Includes shape editor to create, customize and import your own shapes or models
- Reduced sawing risk due to a built-in protection mechanism
- Uninterrupted round-the-clock operation by means of an automatic program

## Sawing with Confidence

Ramat – Gan/ Antwerp/ Hong Kong/ Mumbai/ Johannesburg/ Moscow/ Tokyo/ New York/ Guangzhou

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