Ensoll®

DIAMOND WIRE SAW

Precise

Efficient

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Ensoll®

DIAMOND WIRE SAW

Precision Fast

High-Tec Safe

Convenient

Hard
Brittle

ADVANTAGES

MODEL **ESV350-2S**

- Flexible to remove and easy to operate. Servo motor + PLC control system, accurate the cutting positioning.
- With extremely high cutting efficiency, the linear speed can be upto 60m/s.
- With excellent cutting quality, the cutting surface without wire marks.
- With patented driving wheel self-tension system greatly improved machine reliability and reduced failure rate.
- Simple to replace diamond wire. Automatically lift the tension wheel, and one person can complete the operation within 1 minute.
- With perfect Wire Breaking Protection System and Position Limitation Protection System, which ensure the operation more secure.

Silicon

Ceramic Marble

Metal Graphite Glass

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WHAT WE CUT?

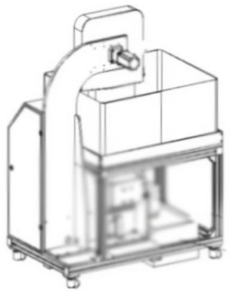
Ensoll®

TECHNICAL DATA

01 Machine Spec

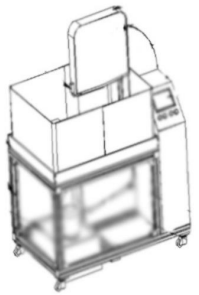
Total Power: 2 kgs
Total Weight: 240 kgs
Dimension: 1200×750×1560 mm
Structure Material: Aluminum magnesium

02 Cutting Spec



Linear Speed: 20-60 m/s
Feed Speed: 1-100 mm/min
Wire Diameter: 0.3-0.65 mm
Length: 2960 mm

03 Cutting Sample



Material: No limit
Maximum Weight: 150 kgs
Cutting Method: Wet/dry
Maximum Dimension: 700×300×350 mm

04 Operation System

Software System: PLC
Operation Board: LED touch-sensitive screen
Broken Wire Protection: Automatic protection
Auxiliary Wire Replacement: Power-assisted

Model ESV350-2S