

# CRYSTAL<sup>®</sup>

## SH 035



CRYSTAL  
THE RIGHT WAY TO CUT

# CRYSTAL SH 035

## Precise and innovative digital CNC single ply cutting machine

CRYSTAL SH035 is a revolutionary digital CNC cutting machine with a unique patented **cut on glass technology** that drastically reduces operative costs associated to the cutting process.

CRYSTAL SH035 has an innovative, **silent and sustainable material retention** system based on ionization that doesn't require noisy and expensive vacuum pumps.

The flatness of the glass cutting surface combined with different cutting heads based on **rotary blades** assure an extremely **precise cut** optimized for specific materials.

A process that **doesn't require disposables** combined with the use of materials such as glass and steel that assure a unique **contamination-free** cutting suitable for the most demanding production environment.





Crystal SH 035 is a complete CNC digital cutting system with an extremely small footprint that can fit in limited space environments and clean rooms. The main benefits are:

SMALL FOOTPRINT   REDUCED OPERATING COSTS  
CONTAMINATION-FREE   SUSTAINABILITY   PRECISION

### TECHNICAL DETAILS

#### DIMENSIONS

Machine dimensions: 1647x1712 mm  
Cutting area: 600x900 mm

#### POWER CONSUMPTION

Average consumption < 1KW

#### CUTTING DETAILS

Single Ply (up to 5 layers)  
Positioning speed: up to 1000 mm/sec

#### NOISE

Noise Level < 65 dB

#### CONTROL SYSTEM

Industrial PC based  
Windows based HMI with touchscreen  
Industry 4.0  
ERP connection option

#### OPTIONS

Automatic feeding from rolls  
Automatic unloading of unused material  
Table height adjustment for ergonomics  
Vision system for pattern matching  
Ultrasonic drill

### MAIN APPLICATIONS

✓ SURGICAL MESH   ✓ AEROSPACE   ✓ AUTOMOTIVE   ✓ DEFENCE & SECURITY   ✓ LINGERIE AND LACE



**CRYSTAL BY BIERREBI ITALIA**

VIA SAGITTARIO, 23 - 40037  
SASSO MARCONI (BO) ITALY

TEL. +39 051 845868  
INFO@BIERREBI.COM

[WWW.BIERREBI.COM](http://WWW.BIERREBI.COM)