

# Rotary Blu-ray Engraver

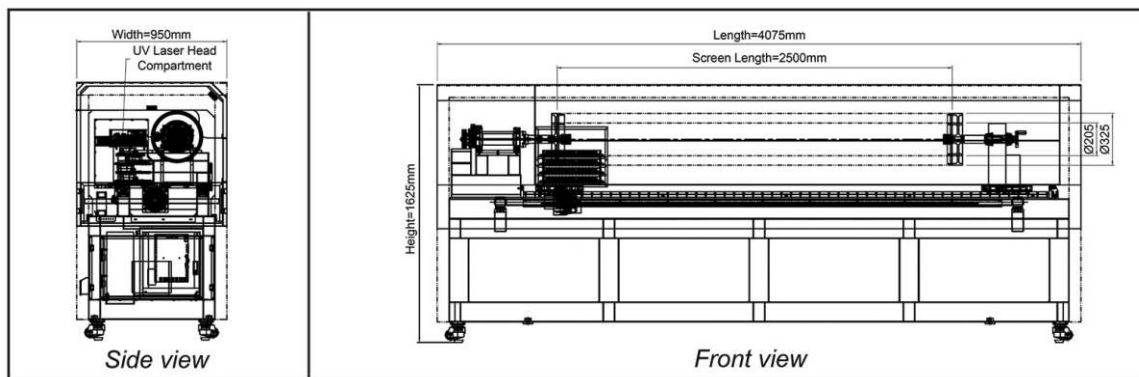
## Premium Model



## Fastest Speed with Highest Precision

### **Features :**

- Production speed of 2 -15 min/screen
- Equipped with 405nm of laser light source
- Y direction is fixed with linear encoder and linear motor on ball screw and option of 8, 16, 32, 48 or 64 laser diode, is capable to plot at speed of 2-15min/screen, depending on printing resolution
- Available printing resolution is 1440dpi



Blu-ray laser beam



X rotary drive



Y linear drive



Screen

## Technical Specification\*

Model	: V3500LD
Pilot length	: 3200mm(126")
Screen size	: 3500mm (137")
Machine dimension	: 5075mm(L) x 950mm(W) x 1625mm(H)
Speed	: 2 to 15 min/screen, depending on printing resolution & emulsion
Printing method	: Spiral print (high speed)
Laser light source	: LD / LED 405nm Blu-ray
Optical resolution	: 1440dpi
Printing resolution	: Standard: 360dpi, 720dpi, 1440dpi; optional: 300dpi, 600dpi, 1200dpi; Optional: 254dpi, 508dpi, 1016dpi
Repeat	: 640mm, 725mm, 820mm, 914mm or 1018mm
Repeat accuracy	: 0.01mm
Head adjustment	: Auto head adjustment to repeat circumference diameter
Readable file	: Tiff format
Interface	: USB 2.0 data card
Control panel	: Touch screen
X rotation	: Close loop design, rotary position precision encoder feedback with servo motor encoder
Y direction	: Linear encoder, linear motor on ball screw
Electronic	: Multilayer motherboard, USB 2.0 data and daughter card, LD head board, differential board and reader board
Electric power	: 240V AC +/- 10%
X & Y drive	: AC servo motor
Software	: RIP
Cooling system	: Water cooling with chiller
Operating environment	: 20°C-25°C with 65%-75% humidity
Compressed air	: Minimum 4.00 bar (supply by buyer)
Computer	: Latest processor, Windows 10 OS with touch screen monitor
Structure	: Robust design; Precision fabrication

\*Specifications are subject to change without prior notice

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