

PRISM



For Packaging Engraving

The Prism engraver from OHIO is an ideal entry-level machine with high productivity and flexibility. The Prism engraver expands your capabilities and potential markets, with its wide screen and stylus range, and specialty engraving options.



Vision 3 Engrave Head

The robust and reliable Vision 3 engrave head is well-known for consistency and capability. Engraving speed with 70 l/cm screen is 0.76 m²/h. If the depth offered with the 90µ Impact Engraving is not enough, consider a separate High Output head (up to 130 µm of depth) or the Mega head (up to 300 µm of depth).

Standard Tunes

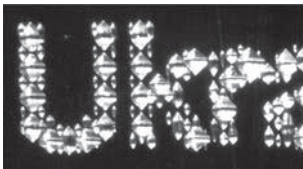
8.6 kHz to 35 µm of depth
8.1 kHz to 60 µm of depth
32 kHz to 70 µm of depth

Premium Tunes

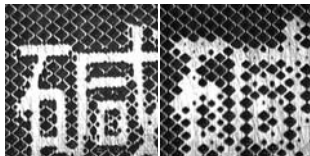
Impact (1.7 kHz to 90 µm)
Hybrid Engraving
tranScribe Engraving

Specifications

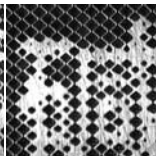
Recommended screen range:
31.5 l/cm to 200 l/cm
Screen angles:
from 30° to 60° in 0.01° increments
Range of stylus angles:
90°, 100° to 145° in 5° increments



Hybrid



Hybrid



Traditional



75% text
on 50% tone

Hybrid Engraving System*

The Hybrid Engraving System balances speed with resolution for a practical commercial solution. Continuous tone and Line work images can be engraved in a single operation for a simplified workflow. * Optional

PRISM

Specifications

This engraver has a fixed position headstock and moveable tailstock. The tailstock uses a live center.

	Length(1)	Length(2)	Height	Depth
Prism	4,280 mm	4,635 mm	1,980 mm	1,055 mm
Prism XL	5,280 mm	5,710 mm	1,980 mm	1,055 mm

Length(1) = machine doors closed. Length(2) = machine doors fully open.

For information on cylinder fixturing options and cylinder sizes, please visit OhioGT.com

The Prism XL has all the same features as the Prism but with a longer bed for longer cylinders.

Features

- A simple manual test cut routine with the head-mounted microscope over the engraving path to minimize positioning time.
- The Cylinder Birth Certificate is created with each cylinder for documentation and archive purposes, including the job name, screen and angle, stylus angle and cell images
- Manual enclosures for operator safety to prevent contact with rotating items and reduce noise levels.
- Collage Layout Software for job layout with one-up or full-up. Set output values, gamma, edge enhancement, more.
- Sturdy bed construction with fixed headstock and moveable tailstock.
- Center-of-Gravity head mount for low quality cylinders

OHIO Engraver Comparison

	Prism	Prism Prime	Spectrum
Foundation (V3)	•	•	•
Hybrid*	•	•	•
Helio Match*	•	•	•
One Button		•	•
Auto-Document*		•	•
Automation*			•

* Option



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