

HS to SPECTRUM

Extend the life of
your Gravostar HS



Gravostar HS engravers are workhorses, and you love them for this, but they are aging workhorses. OHIO GT wants to ensure you continue enjoying production from them without lengthy downtimes if a failure occurs. The most common failures fall on the embedded computer and its peripherals, many of which are well over 10 years old. Also, carriage and cylinder motor controllers are becoming obsolete. Machine replacement may not be an option for you, even with their equipment's age, so we offer these possibilities to prolong your equipment's productivity.

OHIO GT offers a cost-effective way to bring these machines up to date with the HS to Spectrum Upgrade. The Primary Upgrade package sells for about 15% of the price of a new equivalent machine. This alone is good news, after 15 or more years of service. Reduce your chances of lost productivity and your stress with the HS to Spectrum upgrade.

The HS to Spectrum upgrade consists of multiple pieces, which allow you to choose how extensive the upgrade process is.

- Primary Package – This is the baseline for the machine upgrade.
- Optional Packages – Upgrades to the machine which may or may not be necessary depending on your machine's age.
- Engraving Head Refurbishment - Refresh your engraving head to a like-new condition.
- Collage Software - With the HS to Spectrum upgrade, perhaps now is a good time to bring your Collage software up to date?

Turn the page over to see lists of the various upgrade possibilities for each group above.

HS-2-SP

HS to SPECTRUM UPGRADE



Embedded Computer, included in Primary HS-2-SP Package

PRIMARY PACKAGE

- A new compact Embedded computer and the latest software, with the capability of adding the optional volume test cut for consistent engraving results.
- Touchscreen upgrade – Replaces the 4:3 monitor to a 16:9 monitor
- VISTA Camera upgrade to an Ethernet camera – Higher resolution and better reliability. Also available stand-alone
- Tip Calibration upgrade
- NEPP Communications upgrade – Removes the EPP cable

OPTIONAL UPGRADES

- Cylinder Drive upgrade – Replaces existing drive system with high-performance servo motor and controller, and all necessary hardware and cabling.
- Carriage Drive upgrade – Replaces existing drive system with high-resolution servo motor and controller, and all necessary hardware and cabling.
- HeliMatch upgrade – Match Hell raster & angles exactly. *Requires Carriage Drive upgrade*
- Engrave Control Board upgrade – Brings the machine to latest ECB version.
- Head Amps & Power Supply kit – Replace the existing amps and power supply with highly reliable MOSFET amps and higher capacity power supply. Strongly recommended for those upgrading to *Hybrid* engraving.
- Collage software – Move up to the latest version to leverage additional capabilities of the new embedded software.

IS THERE MORE?

These are not the only things to consider to bring your GRAVOSTAR HS back to tip-top shape. Refresh your engrave head with a factory certified rebuild, and at the same time add the proven Hybrid Engraving system to provide superior printed linework results.

Interested? Contact your OHIO representative to receive a worksheet to help determine the correct upgrades for your machine.

OHIO Gravure Technologies Inc
4401 Lyons Road
Miamisburg Ohio 45342 USA
Tel. +1 937 439 1582

sales@OhioGT.com
www.OhioGT.com



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