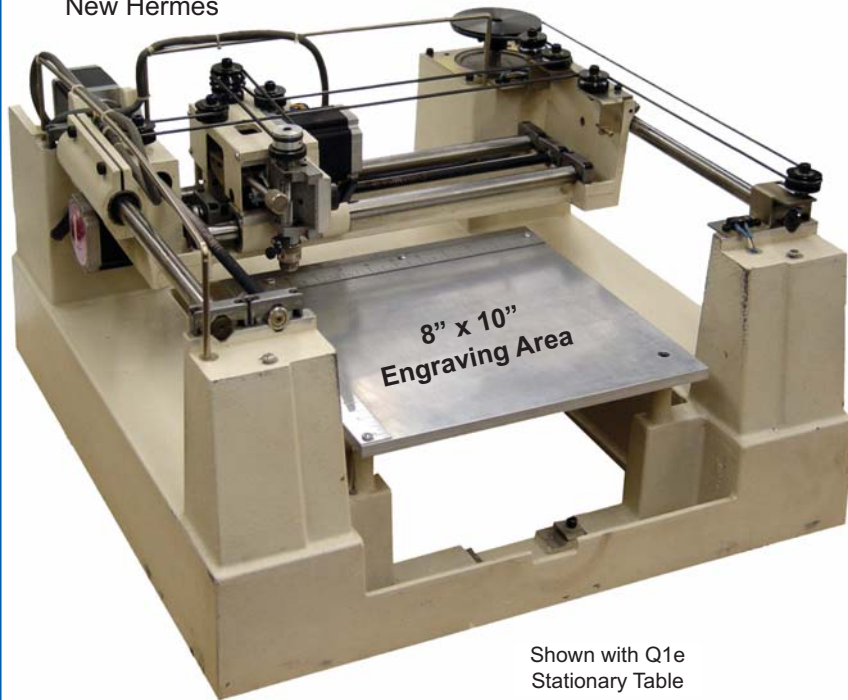


VANGUARD 3000

Do you have one of these?

original manufacturer
New Hermes



Shown with Q1e
Stationary Table

We can do the following:

- Retrofit w/Q1E Controller
 - Many Enhanced Features
 - Provide Parts & Repairs
 - Improve Speed & Accuracy
 - Create Product Enhancement
 - Improve Profitability
 - Improve Affordability
 - Personal Tech Support
- & we even answer the Phone!**

**Not just Good as New;
*Better Than New!***



Repairs to the Chip Level

Parts for the V3000



**We can repair or rebuild just about anything!
Send us your request. fred@q1engravers.com**

**① Quality One
ENGRAVERS, INC**

909-989-3898 FAX 909-989-8617
9749 Crescent Center Drive, #202, Rancho Cucamonga, CA 91730

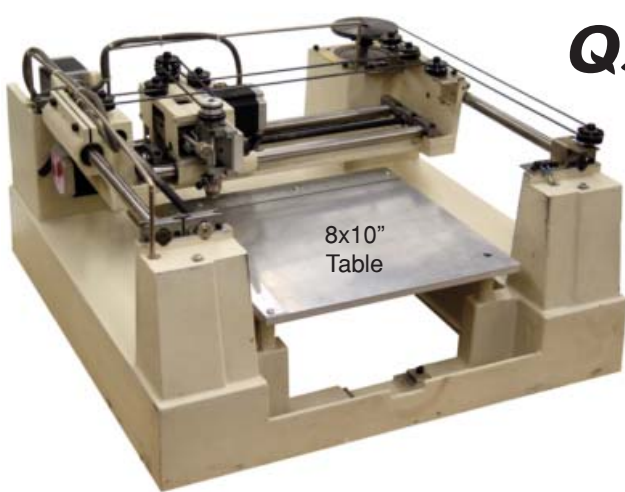
WWW.Q1ENGRAVERS.COM

2016

VANGUARD 3000 PC Q3E RETROFIT KIT

Want your V3000 to run from new softwares, run from XP - W10?
 Want more Engraver Features, Logo capability? **No Problem;**
Get a PC Q3E Retrofit for your V3000 engraver!

*Not Just Good as New;
 "BETTER THAN NEW!"*



Q3E



\$3,995
Q3E Plugin Retrofit
 NV3-3000-100



\$2,495*
EP Module Q3E Retrofit
 NHC-2000-100

RETROFIT FEATURES

- Full Q3E Retrofit (includes all):**
- Q1E Engraver Control Box & cables
 - Stationary Corner Table Included
 - High Torque Stepper Motor Drivers
- EP & Full Q3E Retrofit**
- TCP/IP, Serial or SD Data Input
 - 300 Job Saves within Controller
 - User Friendly Control Pendant
 - Awesome Controller Features
 - Broader speed range
 - Improved engraving quality
 - Improved reliability
 - Full PC compatibility
 - Network capability
 - User-friendly software included
 - More and better fonts & shapes
 - Multiple pass, depth & dwell
 - Create logos from CASmate, FlexiEngrave or EngraveLab
 - **Run directly from EngraveLab, CASmate, Quality, Flexi, EnRoute, Type3 & GravoStyle.**
- * Requires an EP Module to trade in on a Q1E EP Retrofitted Ready-2-Go unit.

Does your engraver still have some life? Does old technology and proprietary software have you shackled? Is spending \$6,000 plus on a new engraver not feasible? Then it's time to consider a Turbo Charge. Breathe new life into your old, yet reliable engraver with a Q1E PC Retrofit Kit. The controller, pendant, software, enhancements are the same as used on our new Quest Line of Engravers.

NHC-2000-100 / NV3-3000-100 Q1E RETROFIT KIT INCLUDES:		
~ Q3E 2016 Engr Control Box Internal LCD	~ High-Torque XY & Z Drivers (Optional)	~ Bulkhead Interface Panel
~ Q1E 2016 Pendant w/ LCD EP Retro	~ ME3-PC Software v4 w/120 Fonts (W98/XP)	~ Cables, electrical & mechanical hardware

OPTIONS

- Stationary Flat Table (Allows reference to corner rather than center) \$230 (regular) \$130 w/ Retrofit Kit
- High Torque Stepper Motor (2.1 or 2.8A, only possible on **Full Retrofit**) \$140 (regular) \$100.00 X, Y & Z axis
- Speed Function Front Panel Control (Allows pad to quickly duplicate pendant, only **Full Retrofit**) \$300.00
- Computer XP pro or Win7 pro (Fully Loaded - used) XP \$450 Regular / w Rerofit \$400, Win7pro add \$150.00
- Opensys EJO Converter — convert *.ejo into q1i files for import into Q1E EngraveLab n/c w/ Retrofit Kit (Regular \$50.00)
- Opensys LGO Converter — convert *.lgo into industry standard plt format n/c w/ Retrofit Kit (Regular \$50.00)

Software - Recommended Upgrade:

EngraveLab v9 by CADLink— Expert for Q1 (Just a fraction of features listed below) **\$995.00**

- ~On Screen Sign Design WYSIWYG
- ~Q1E Engraving & 1000 True Type Fonts
- ~ADA Braille Grade II conversion & bead drilling
- ~Badges with List Import & Matrix
- ~Microsoft Windows XP, W7 thru 10 Compatible
- ~Island or Hatch Fill routines
- ~Generate Toolpath with cutter compensation - Male, Female, Online, Inlay, Fills and Drills.
- ~Contour drilling for Hot Fix application.
- ~Import & Export all popular formats.
- ~Text: on Arc, on Path, Distort, Size, Manipulate, Kern
- ~Text - Full Case CONTROL, Character Picker Spell Check, Find & Replace, ADA assistant.
- ~Advanced sorting, item color assignment & selection.
- ~True shape dimensioning and location input
- ~Alignment Tools; plate, last select, guides, etc.
- ~Welding shapes routines
- ~TCP/IP & serial, output & very much more ...



EngraveLab | v9

PARTS FOR THE VANGUARD 3000

Super Lubricant Use all over the shop; use on slide bearing rails, leadscrews, spindle mechanisms, beveling tables to lubricate and protect.

MSC-0003 Super Lubricant (12 oz) \$18.00

**Q1E
Recommended**



Low-Profile Vacuum Nose Assy complete with standard Delrin nose and 8' hose. Use with any chip vacuum system and industry spindle.

MMC-4002-100 Vacuum Nose Assembly, Std 1/2" Tube \$60.00

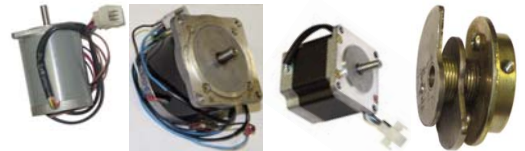
- MMC-3012-023** Coupling, Solid 1/4" x 6mm (V3000 X or Y Axis) \$25.00
- MMC-3012-033** Coupling, Solid 3/8" x 6mm (V3000LT X or Y Axis) \$25.00
- MMC-3012-101** Coupling, 3-piece 6mm x 1/4" (X or Y Axis) V3000 only \$45.00
- MMC-3012-001** Coupling, Rubber Spider, HD Non-Gumming \$15.00



X & Y Axis Leadscrews - Good Used / New

- NV3-2011-001** Leadscrew only, X Axis \$150.00 / \$300.00
- NV3-2011-002** Leadscrew only, Y Axis \$150.00 / \$300.00
- MMC-3000-009** Leadscrew Nut, 3/8" D .2" Lead, Flanged X & Y \$80.00
- BBB-0007-100** Thrust Bearing Set, X & Y \$25.00

- NV3-2010-093/094/095** Stepper Motor V3000 "X, Y, Z"; V3000LT "Z" (used) . . \$75.00
- NV3-2010-091/092** Stepper Motor V3000LT "X, Y" (good used) \$85.00
- NV3-2030-093/094/095** Stepper Motor, Hi Torque X,Y,Z 2.1 Amp New Retrofit Only \$140.00
- NV3-2019-001** Cam Z Axis (Rebuilt Used) Exchange \$160.00

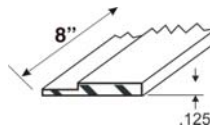


- NV3-2016-100** Z Tension Assy V3000 (rebuilt) \$200.00 exch
- NV3-2016-101** Z Tension Assy V3000LT (rebuilt) . . . \$200.00 exch
- Z Tension Assy Outright (V3 or V3LT) . . \$400.00 no exch
- NV3-2016-090** Z Sensor Kit (wires, plastic & brass parts) . . \$110.00 exch
- NV3-2016-xxx** Z Sensor Parts Available



Flat Table OEM, Q1E & Jig Set V3000

- NV3-4002** Flat Table, Slotted OEM \$90.00
 - NV3-4000-100** Flat Table, Q1E Solid 3/8" thk (Corner Orientation) \$230.00
 - MMC-9001** Jig Set, Low Profile 8" long \$65.00
 - NV3-3010-100** Vise Assembly (Exchange / Outright) . . . \$300.00 / \$550.00
- Limited Vise Parts Available*



NIS-1400-050 - 188 Table Scales for Q1E Table (.050/.080/.125/.155,.188") . . \$50-135.00

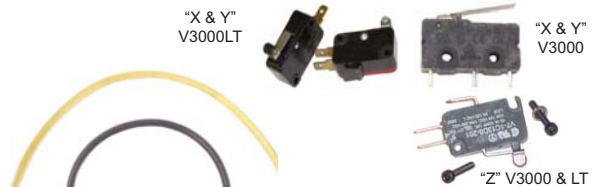
[more here](#)



- MMC-2051-106** Idler Bearings Washer & Hardware Kit \$100.00
- NV3-0004-100** Pulley, Idler w/ bearings - used \$50.00
- NV3-0005-100** Pulley, Tall Transfer w/ bearings - used \$100.00
- MMC-2051-091** Bearings, All Idlers 4 pcs V3000 OEM 20,000 rpm \$32.00
- MMC-2051-092** Bearings, All Idlers 8 pcs V3000 OEM 20,000 rpm \$50.00
- NV3-0006-100** Cam Follower, Concentric w/ Bearing - used \$65.00
- NV3-0007-100** Cam Follower, Eccentric w/ Bearing - used \$85.00
- BBB-0004-1** Bearing, 6x13x5mm, Linear Guides \$15.00

Limit Switches / Belts - V3000 & V3000LT

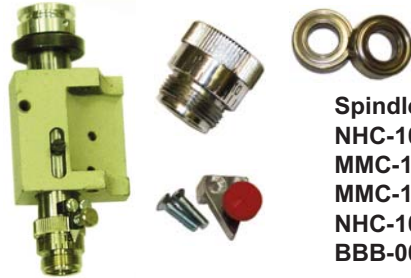
- ELM-2030-002** Limit Switch V3000 X & Y Axis (Home & Max) \$12.00
- ELM-2042-100** Limit Switch V3000 & LT Z Axis (slotted and screws) . . \$25.00
- ELM-2030-001** Limit Switch V3000LT X & Y Axis (Home & Max) \$16.00
- MSC-1400-011** Round Belt, V3000 Motor to Idler Pulleys (2 pcs) \$48.00
- MSC-1400-007** Round Belt, V3000 & LT Idler to Spindle Pulley (2 pcs) . . \$20.00
- MSC-1400-008** Round Belt, V3000LT Motor to Idlers Pulley (2 pcs) . . . \$36.00



PARTS FOR THE VANGUARD 3000

Spindle Motor Complete Good Used (less pulley)

NV3-4050-100	Spindle Motor Nidec w/ cap w speed sense	\$350.00
NV3-4050-101	Spindle Motor Gefeg w/ cap (no speed control)	\$300.00
NV3-4050-102	Spindle Motor Oriental Motor w/ cap	\$300.00
NV3-4050-103	Spindle Motor Reliance w/ cap	\$300.00



Yes - We have all parts for the spindle.

Spindle & Spindle Parts

NHC-1006-100	Spindle 11/64" Fully Rebuilt (Like New)	\$450.00
MMC-1905-001	Micrometer, Lower 11/64" Spindle	\$50.00
MMC-1901-100	Micrometer Pointer Assy	\$30.00
NHC-1006-001	Centershaft, 11/64" Spindle SST	\$90.00
BBB-0002-1	Bearing, 8x16x5mm, 30K rpm (each)	\$15.00

Wire Harness Cables V3000 / V3000LT

NV3-1103-100	Cable, V3000 X or Z Axis Stepper & Limit	\$65.00
NV3-1105-100	Cable, V3000LT Z Axis Stepper & Limit	\$75.00
NV3-1130-100	Cable, 34 pin V3000 OEM (used / new)	\$150.00 / \$300.00
NV3-1131-100	Cable, 34 pin V3000LT OEM (used / new) ..	\$150.00 / \$300.00



Win98

Cartridge / EP Module - Outright / Repair (parts are good used)

NHC-1026	Keyboard Cartridge Controller 5 pin DIN used	\$150 - 350.00
NHC-1013	Keyboard, NH Opensys AT DIN 5	\$100.00
NHC-1014	Cartridge Controller (outright) used	\$900.00
NHC-1015	EP Module (outright) used	\$1,800.00
	Repair	\$300.00 up
NHC-1022	Logo Save Cartridge (Good Used)	\$70.00
NHC-1023	Job Save Cartridge (Good Used Clean)	\$100.00
NHC-1023-xxx	Font Cartridge (various fonts and shapes) used <i>call for list</i> ...	\$40.00
MCE-1000-260W	Computer W98 Pentium good used fully loaded	\$350.00
MCE-1000-755	Computer XP Pentium good used fully loaded	\$450.00
	add Windows 7 Pro to XP Computer	add \$150.00



XP/Win7



Miscellaneous

NHC-2002-100	Cooling Fan Internal Cartridge Controller	\$70.00
ELM-0041-100	External Battery Kit 3.6Vdc EP Module w/ connector	\$50.00
ELM-0018	Fan, CPU for 486 Computer	\$40.00
ELM-0037	Power Switch EP Module	\$45.00
NHC-1015-090	Driver Board, EP Module Stepper Motor (Exchange)	\$350.00
NHC-1015-093/94	I/O Board, EP Module (used) -093 v1.66, -094 v2.07	\$350.00
NHC-1015-091	Motherboard, EP 386/486 PC (used)	\$600.00
NHC-2022	Power Supply, EP Module OEM #PX125-45 (Used)	\$350.00
NHC-2023	Power Supply, Cartridge OEM #PX125-47-3 (Used)	\$350.00
ELM-0100	VGA Video Card PC 386/486, ISA Slot (Used)	\$65.00



About Us - Quality One Engravers has been in business since 1983. With a mechanical engineering background, we could never stop tinkering with our engravers trying to make them run faster, more reliably and do things they should, but couldn't. These features we offer are the culmination of many years of listening to the needs of engravers around the world and learning from other manufacturer's mistakes. We pride ourselves on the absolute best customer service in the industry. We answer our phones personally and you can reach a technician when you need one.

With our new **Multi1422, Quest Engravers & Routers**, we now can to satisfy most all of your engraving business needs.