

VANGUARD 7000

Do you have one of these?

original manufacturer
New Hermes



Engraving Area 12" x 20"

We can do the following:

- PC Retrofit
- Provide Parts
- Provide Repairs
- Improve Speed
- Improve Accuracy
- Improve Reliability
- Improve Profitability
- Improve Affordability
- Real Tech Support

Not just Good as New;

Better Than New!

Parts for V7000/V7200



Now available
in 1/4"!



Repairs to the Chip Level

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

Quality One
ENGRAVERS, INC

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

WWW.Q1ENGRAVERS.COM

2014

VANGUARD 7000/7200 RETROFIT KIT

Want your V7000 to run from Latest Softwares?
 Want Logo capability? No Problem...
Get a PC Retrofit for your V7000!



Engraving Area 12" x 20"

RETROFIT FEATURES

- TCP/IP or Serial Input
- 200 Job Saves within Controller
- Full graphics
- Full PC compatibility
- Network capability
- User-friendly software
- High Torque Solid-State Stepper Motor Drivers
- Broader speed range
- Improved engraving quality
- More and better fonts & shapes
- Improved reliability
- Multiple pass, depth & dwell
- Create logos from CASmate, FlexiEngrave or EngraveLab
- **Run directly from EngraveLab, CASmate, Quality, Flexi, EnRoute, Type3 & GravoStyle.**

All of these capabilities for

\$3,795
FULL PC RETROFIT
\$3295 Mini Retrofit

Mini-Retrofit is for **V7000** model.
 Must be in functional condition.
 Must have good wiring, limits and 2.5 amp stepper motors.

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

Does your engraver still have some life? Does old technology and proprietary software have you shackled? Is spending \$9,000-\$12,000 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 Quality One Engravers performance-enhancing PC Retrofit Kit.

Or do you already have one of these and just need another to share the load?

NV7-1000-100 Q1E RETROFIT KIT INCLUDES:		
~Q3D 2014 Engraver Control Box	~Cable Carrier Wire Harness Side (not Mini)	~ME3-PC Software (Win 98 and XP only)
~Q1e 2014 Pendant w/ LCD Readout	~Cable Carrier Wire Harness Rear (not Mini)	~Illustrated Instructions
~Rear Connect Bulkhead Panel	~Home & Max Limit Switch Kits (not Mini)	~All req'd cables, elec & mech hardware.
~Motor Speed Control Front Panel	~3 High Torque Stepper Motors (not Mini)	Mini Retrofit V7000 Only

OPTIONS

- High Torque Stepper Motor XY / Z (3 Amp / 2 Amp) [credit available if you have existing 2.5A Stepper Motors] n/c w/Retrofit Kit
- Speed Function Front Panel Control (Allows pad to quickly duplicate pendant) \$300.00
- Computer XP (Fully Loaded - used) \$400 Regular / w Retrofit \$350.00
- 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)

EngraveLab by CADLink— Expert for Q1 **Recommended Software** \$995.00

- ~On Screen Sign Design WYSIWYG
- ~Q1E Engraving & 1000 True Type Fonts
- ~Braille Grade II conversion & Bead Drilling
- ~Badges with List import & Matrix
- ~Microsoft Windows XP, 7 and 8 Compatible
- ~Island or Hatch Fill routines
- ~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.
- ~Generate Toolpath with cutter compensation - Male, Female, Online, Inlay, Fills and Drills.
- ~Contour drilling for Hot Fix application.
- ~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, parallel input & more



EngraveLab | v9



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PARTS FOR THE VANGUARD 7000/7200

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) \$16.00

**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, Standard 1/2" Tube ... \$55.00



1/4" version MOD

Yes - We have all parts for the spindle.

Spindle & Spindle Parts

- NV5-3001** Spindle 11/64" Fully Rebuilt (Like New) \$500.00
- NV5-3003** Spindle 1/4" Top Load 20k, New \$700.00
- NV5-4001** Pulley, 11/64" OEM \$25.00
- MMC-1906-001** Micrometer, Lower 11/64", 1" quill, V5 Spindle \$45.00
- MMC-1901-100** Micrometer Pointer Assy \$25.00
- NHC-1006-001** Centershaft, 11/64" Spindle SST \$80.00
- BBB-0003-1** Bearing, 8x22x7mm, 30K rpm (each) \$15.00
- NV5-3002-MOD** Spindle Transformation 11/64" → 1/4" (includes rebuild) .. \$450.00

- NV5-2041-100** Front End, Z Complete Repair / Outright \$250-up / \$1400.00
- NV5-2039-100** Double D Idler Shaft V5-9 \$75.00
- NV5-2037-102** Bearing Kit, V5-9 Idler Shaft (bearing & 2 spacers) \$60.00
- NV5-2037-101** Bearing Kit, V5-9 22x39x9 (2 bearings) \$90.00
- NV5-2040** Pulley, Timing V5-9000 Z axis \$60.00
- BBB-0002-1** Bearing, 8x16x5mm, 30K rpm (each) Z leadscrew \$15.00
- NV5-2042-100** Plug, Spring and Setscrew to engage Dbl D Shaft \$16.00
- NV5-2038-100** Pulley, Sliding Front End Idler \$85.00

Yes - We have all parts for the Front End.



- NV7-4050-100** Spindle Motor Gefeg w/ cap \$400.00
- ELM-0054** Emergency Stop Switch (used) \$70.00
- NHC-1040- / U** Joy Stick, Drive Rack (new / used) \$100.00 / 60.00
- NV7-2050-100** Spindle Motor Gefeg (good used) \$400.00
- NV7-2010** Stepper Motor 1.5 Amp X, Y or Z (used) \$75.00
- NV7-2011** Stepper Motor 2.5 Amp X, Y or Z (used) \$95.00
- NV5-3008-200** Stepper Motor X, Y or Z Hi Torque w/connector 2A (New) \$120.00
- NV5-3008-300** Stepper Motor X, Y or Z Hi Torque w/connector 3A (New) \$150.00
- MMC-3012-030** Coupling, Spider (X or Y Axis) \$10.00
- MMC-3012-031** Coupling, Half 8mm (X or Y Axis) Leadscrew side \$16.00
- MMC-3012-032** Coupling, Half 1/4" (X or Y Axis) Stepper side \$16.00
- MMC-0016** Locknut (2 pcs) M8-1.25 Thin \$ 6.00
- NV7-2000-001** Leadscrew, X Axis (new) \$320.00
- NV7-2000-003** Leadscrew, Y Axis (new) \$300.00
- NV5-2000-005** Leadscrew, Z Axis .44" D .25" Lead Z Axis (new) \$190.00
- MMC-3000-004** Leadscrew Nut, .50" D. .25" Lead, Screwed (X or Y) \$90.00
- MMC-3000-001** Leadscrew Nut, .50" D. .25" Lead, Flanged (requires Q1E Mounting Block) \$90.00
- MMC-3000-011** Leadscrew Nut, .44" D. .25" Lead, Screwed (Z only) \$90.00



included with retrofit kit

Leadscrew Nut Block (Y Axis) - The leadscrew block replacement allows the use of a flanged leadscrew nut and easy alignment and replacement if ever necessary.

- NV7-2001-101** Assembly, Nut, Block and Hardware \$160.00
- NV7-2001-090** Mounting Block Only w/ Hardware \$80.00

- NV7-3010-100** Vise, Centering for V4000, V7000, V7200 OEM Rebuilt \$550.00
Limited Vise Parts Available

- TBM-1730** Vacuum Mat w/adhesive backing 17x30" \$140.00
- TM3-1224** Tacky Mat III 12x20 Self Sticky \$129.00



Some of our many Vanguard 7000/7200 Enhancements

The V7000 has an internal speed control board subject to failure.

NV7-2027 Speed Control Board (Repaired, Tested).....\$180 exchange **\$280** outright



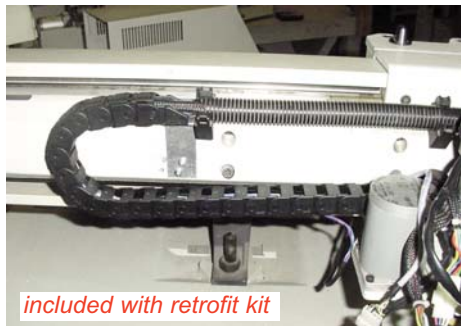
Flat Belt Elimination Kit (w/ Speed Control) - The flat belt has long been a problem on the V7000; slipping, cost, adjustment and uneven wear. This kit consists of an idler pulley and a belt set (MSC-1400-019).

NV7-2035-100 Flat Belt Elimination Kit \$75.00

included with retrofit kit

Speed Control Elimination Kit (No Speed Control) - This requires some simple wire jumpers at the Speed Control Board. However the motor will now turn too fast, so we supply a new motor pulley, idler pulley, jumper and round belt set (MSC-1400-043).

NV7-2036-100 Speed Control Elimination Kit **\$140.00**

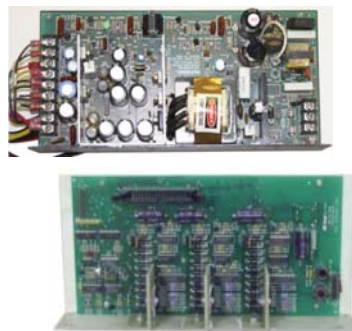


included with retrofit kit

Z & X/Z Cable Carrier Kits - The round cable tube that came with the engraver is a source of many electrical problems. Replace with a proper out of the way wire carrier. Easy to mount and will add years to the engraver.

NV7-2031-100 Z Axis Only Cable Kit \$220.00

NV7-2031-101 X & Z Axis Complete Cable Kit \$360.00



Computers & Controller Parts

NHC-1015	EP Module v1.66/2.01 (outright) used	\$1,600.00
	Repairs on EP	\$300.00 up
NV7-2020-100	Drive EP Rack F1+ Type (outright) used	\$1,100.00
NV7-2021-100	Drive EP Rack Joy Stick Type (outright) used	\$1,200.00
	Repairs on Racks	\$300.00 up
Parts available: Joy Stick, Emergency Stop, LED Display, New 120V Fan Kit, ...		
ELM-0041-100	External Battery Kit 3.6Vdc EP Module w/ connector	\$45.00
ELM-0018-100	CPU 486 Fan Kit	\$30.00
ELM-0037	Power Switch EP Module	\$40.00
NHC-1015-090	Driver Board, EP Module Stepper Motor (Exchange)	\$350.00
NHC-1015-093	I/O Board, EP Module (used)	\$400.00
NHC-1015-091 /2	Motherboard, EP 386/486 PC (used)	\$550.00
ELM-0016	Power Supply, Replacement Cartridge & EP Module (New)	\$470.00
NHC-2022	Power Supply, EP Module OEM #PX125-45 (Used)	\$260.00
MCE-1000-260W	Computer W98 Pentium good used fully loaded	\$300.00
MCE-1000-760X	Computer XP Pentium good used fully loaded	\$400.00



Standard Equipment

ELM-2030-002	Limit Switch X & Y Axis	\$12.00
NV5-2030	Limit Switch Z Axis	\$20.00
MSC-1400-024	Belt, Flat Belt, OEM (not available use NV7-2035-100 above)	
MSC-1400-039	Belt, Timing, OEM Stepper to Z Leadscrew	\$30.00
MSC-1400-015	Belt, Round, OEM Idler to Spindle (2 pieces)	\$20.00



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