

Control Components

Oct 2016

| Component  | Description  | Part Number | Price                    |
|--|--|-------------|--------------------------|
|                                 | New Generation (G4) CNC<br>5hp (with exchange)   | 915-16-101  | Call for special pricing |
|  | New Generation (G4) CNC<br>C-axis (with exchange)  | 965-16-101  | Call for special pricing |
|  <p>Video card not included</p> | <p>LCD Monitor</p> <p><i>NOTE:</i> To use LCD monitor with older motherboard requires ISA or PCI video card (VGA). These cards are no longer made. Call for options.</p> | 995-16-019  | \$430                    |
|                                | <p>G4 CNC Motherboard complete (with exchange)</p> <p><i>NOTE:</i> Must update G4 software if changing from fan to fanless mb</p>  | 995-17-015  | \$475                    |
|                               | G3 CNC Motherboard complete  | 995-17-010  | \$595                    |
|                               | AT Power Supply (G3 CNC)   | 995-16-009  | \$75                     |
|                               | ATX Power Supply (G4 CNC)  | 995-16-020  | \$75                     |


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|---|---|-------------|---------|
|    | IP68 Medical Grade Keyboard<br><i>Oil Resistant - Made in USA</i>   | 995-16-001  | \$295   |
|    | Auxiliary Power Supply Kit<br><b>For older G3 CNC only</b><br>(Provides higher 12VDC for more reliable collet-closer operation) | 995-09-004  | \$50    |
|    | OmniTurn Servo Amp, w/exchange  | 995-16-007  | \$525   |
|   | AMC Servo Amp, w/exchange<br><b>(For old-style G2 &amp; G3 CNC)</b>   | 995-16-002  | \$250   |
|  | MC2 Exchange Refurbished  | 995-49-001  | \$1,000 |
|   | MC2-B Exchange Refurbished  | 995-49-004  | \$1,000 |
|  | Servo Motor Thermal Overload<br><b>(G4 and late G3 CNC)</b>   | 995-15-015  | \$10    |
|  | Thermal Overload w/Heater <i>(refurb)</i><br><b>(G3 CNC pre-2007)</b>   | 995-15-017  | \$85    |
|   | HEATER<br>W43 Heater only <i>(new)</i><br><b>(G3 CNC pre-2007)</b>  | 995-15-007  | \$45    |
|  | 12V Relay (3-pole)<br><i>(Used everywhere except latest spindle-drive circuit board)</i>  | 999-15-005  | \$16    |

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|---|---|-------------|-------|
|    | Solid-state SATA Hard Drive<br>Pre-configured for your CNC<br><b>(For G4 CNC)</b>   | 995-09-006  | \$125 |
|    | Solid-state IDE Hard Drive<br>Pre-configured for your CNC<br><b>(For G3 or early G4 CNC)</b>  | 995-09-003  | \$125 |
|    | Monochrome Video Card<br><b>(For G3 w/Amber CRT Monitor)</b>  | 995-17-009  | \$82  |
|   | OmniTurn Programming & Service Manual<br><b>(Specify G3 or G4)</b>  | 999-59-001  | \$50  |
|    | USB Floppy Drive Emulator<br><i>(Provides USB compatibility for old-style CNC)</i>  | 995-16-022  | \$150 |
| <br><small>Includes pre-wired contact-block for Control on/off switch.</small> | Armature Relay Kit<br><b>(for pre-1998 GT-75 only)</b><br>Prevents slide movement if control is shut off w/o first engaging E-Stop. | 995-09-001  | \$60  |

Control Panel Components

Aug 2016

| Component   | Description                                | Part Number | Price |
|---|--|-------------|-------|
|    | Control On/Off Switch Assembly <b>(G3)</b> | 995-12-101  | \$40  |
|   | Control On/Off Switch Assembly <b>(G4)</b> | 995-12-201  | \$40  |
|    | Servo On Switch Assembly                   | 995-12-102  | \$40  |
|    | Cycle Start Switch Assembly                | 995-12-106  | \$40  |
|    | Motion Stop Switch Assembly                | 995-12-105  | \$40  |
|   | Spindle Auto / Off Switch Assembly         | 995-12-104  | \$40  |
|  | Collet Open/Close Assembly <b>(G4)</b>     | 995-12-202  | \$40  |
|   | C-Axis Jog Switch Assembly <b>(G4)</b>     | 995-12-203  | \$40  |
|  | Spindle Override Pot <b>(G3)</b>           | 995-15-009  | \$20  |
|   | Spindle Override Pot <b>(G4)</b>           | 995-15-021  | \$20  |
|   | Feedrate Override Pot <b>(G4)</b>          | 995-15-021  | \$20  |
|  | Jog Switch Assembly                        | 995-12-107  | \$113 |
|  | Emergency Stop Switch Assembly             | 995-12-103  | \$40  |

**Palm Box Components**

Nov 2016

| Component   | Description                         | Part Number | Price |
|---|-------------------------------------|-------------|-------|
|    | Complete Palm Box Assembly          | 998-00-000  | \$395 |
|    | Collet Open Button Assembly         | 998-12-102  | \$25  |
|   | Collet Close Button Assembly        | 998-12-101  | \$25  |
|  | Emergency Stop Push Button Assembly | 998-12-104  | \$40  |
|  | Cycle Start Push Button Assembly    | 998-12-103  | \$40  |

X & Z Axis Components

June 2014

| Component   | Description   | Part Number | Price   |
|---|---|-------------|---------|
|    | Linear way assembly:<br>Includes 2 bearing block trucks<br>2 assemblies needed per axis |             |         |
|   | X axis 10" travel – 18" (460 mm)  | 992-08-004  | \$425   |
|   | X axis 12" travel – 21" (520 mm)  | 992-08-005  | \$450   |
|   | Z axis 5" travel - 11" (280 mm)   | 392-08-001  | \$425   |
|   | Z axis 8" travel -18" (460 mm)  | 992-08-004  | \$425   |
|    | Bearing Block Trucks (Set of 2)   | 992-08-012  | \$225   |
|   | Ballscrew Only  | 992-08-011  | \$950   |
|   | Ballscrew & Thrust Bearing  | 992-08-002  | \$1,130 |
|  | Thrust Bearing Assembly   | 992-08-003  | \$180   |
|  | Motor Coupling, Helical   | 992-11-002  | \$55    |
|  | Motor Coupling, Huco  | 992-11-005  | \$55    |
|  | Axis Motors (MTE)<br>One Year warranty  | 995-16-100  | \$950   |



Spindle Drive Components

Aug 2016

| Component   | Description  | Part Number | Price |
|---|--|-------------|-------|
|    | Spindle Encoder All Attachments and all GT's until 2007. <i>Newer GT's see "Direct-mount Encoder", below</i> | 995-16-005  | \$475 |
|    | Encoder Belt – GT75 all attachments except HLV   | 993-21-001  | \$12  |
|   | Encoder Belt – GTJr  | 593-21-001  | \$12  |
|    | Encoder Pulley (aluminum type)<br>Encoder Side   | 995-22-001  | \$60  |
|  | ENCODER PULLEYS:   |             |       |
|   | Spindle Side GT75 & GTJr   | 693-22-001  | \$60  |
|   | DSM, DV  | 193-22-001  | \$60  |
|   | HSL  | 093-22-002  | \$60  |
|   | HC, AHC, HNC   | 293-22-001  | \$60  |
|  | Encoder Cable  | 995-07-003  | \$44  |
|  | Direct-mount Encoder, 5hp only<br>(1/4" shaft)   | 995-16-105  | \$250 |
|   | Direct-mount Encoder, 5hp only<br>(3/8" shaft)   | 995-16-103  | \$250 |
|  | Old 5hp Motor Pulley Only (PolyVee)  | 613-22-001  | \$125 |
|   | Motor Pulley Kit 5hp/CAX: GT-75/Jr   | 693-09-101  | \$500 |
|   | Motor Pulley Kit 5hp/CAX: Attachment   | 393-09-104  | \$750 |

Spindle Drive Components

Aug 2016

| Component   | Description  | Part Number | Price   |
|---|--|-------------|---------|
|    | PolyV 310J10 Belt  | 633-21-001  | \$36    |
|   | PolyV 290J10 Belt  | 633-21-002  | \$36    |
|   | PolyV 360J10 Belt  | 633-21-004  | \$36    |
|   | PolyV 300J10 Belt  | 633-21-003  | \$36    |
|   | PolyV 380J10 Belt  | 633-21-005  | \$36    |
|    | Spindle Drive Belt C-Axis Cog Type<br>(pre-2001/late 2000: slide s/n w/o 'PTI')<br><br>For GT75 & GTJr (300H100) | 663-21-001  | \$25    |
|    | Spindle Drive Belt 5hp/CAX<br>Herringbone Type<br><br>For GT-75 or GT-Jr   | 693-21-001  | \$60    |
|  | Dunham Collet Closer With Drawtube   | 693-08-200  | \$2,175 |
|   | Dunham Collet Closer Complete  | 693-09-100  | \$2,625 |
|  | Dunham Drawtube Locking Key  | 693-08-210  | \$60    |
|  | Dunham Drawtube Only   | 693-08-211  | \$250   |
|  | Dunham Collet Closer Rebuild Kit:  |             |         |
|   | Dunham Seals Kit   | 693-09-102  | \$65    |
|   | Dunham Bearings Only   | 693-08-202  | \$160   |
|   | Bearings and Seals   | 693-09-103  | \$225   |
|   | Disogrin Drawtube Seal   | 00602100A   | \$45    |



Spindle Drive Components

Aug 2016

| Component   | Description   | Part Number | Price   |
|---|---|-------------|---------|
|    | SPINDLE DRIVES:   |             |         |
|   | GT75/GTJr. – Standard Inverter                                  | 914-16-004  | \$795   |
|   | Attachment – Standard Inverter                                  | 924-16-001  | \$795   |
|   | C-axis, current, w/exchange                                     | 974-16-002  | \$2,500 |
|    | New Spindle Complete<br>Cam Lock, w/exchange                    | 693-39-001  | \$3,500 |
|   | Drawtube Plug Spindle   | 633-11-001  | \$50    |
|  | Brake Resistor: 5HP Inverter Drive<br>(40 ohms 500W)            | 914-15-001  | \$125   |
|   | Brake Resistor: C-Axis Yaskawa<br>(8.5 ohms 500W)               | 974-15-001  | \$125   |
|  | Brake Resistor: C-Axis Yaskawa<br>Short Cycle (8.5 ohms 1000W)  | 974-16-003  | \$350   |
|   | Brake Resistor: C-Axis Baumuller<br>Short Cycle (15 ohms 1000W) | 954-16-003  | \$350   |

Pneumatic Components

April 2017

| Component   | Description  | Part Number | Price |
|---|--|-------------|-------|
|    | <p><b>Mac Single Solenoid Valve Only</b></p> <p>Select this component to replace failed solenoid valve. Includes mounting screws and gasket.</p>   | 997-15-008  | \$62  |
|    | <p><b>Mac Single Solenoid Valve w/manifold</b></p> <p>Select this component to add solenoid valve to existing air-pack. Includes mounting tie-rods and gasket. Use cable p/n 997-15-011 (below) for electrical connection.</p> | 997-15-204  | \$105 |
|   | <p><b>Mac Single Solenoid Valve w/flow-control</b></p> <p>Select this component to replace obsolete solenoid valve with integral regulator. Same as 997-15-204 except with flow-control and plug.</p>                          | 997-15-206  | \$115 |
|  | <p><b>Mac Single Solenoid Valve Complete</b></p> <p>Select this component to add stand-alone solenoid valve. Includes manifold, end plate, fittings and 12V connector w/cable.</p>   | 997-15-201  | \$120 |
|  | <p><b>Mac Double Solenoid Valve Only</b></p> <p>Select this component to replace failed solenoid valve. Includes mounting hardware and gasket.</p>   | 997-15-007  | \$100 |
|  | <p><b>Mac Double Solenoid Valve/manifold</b></p> <p>Select this component to add solenoid valve to existing air-pack. Includes mounting tie-rods and gasket. Use cable p/n 997-15-011 (below) for electrical connection.</p>   | 997-15-203  | \$116 |



Pneumatic Components

April 2017

| Component   | Description   | Part Number | Price |
|---|---|-------------|-------|
|    | <p><b>Mac Double Solenoid Complete</b></p> <p>Select this component to add stand-alone solenoid valve. Includes manifold, end plate, fittings and 12V connector w/cable.</p>                              | 997-15-202  | \$164 |
|    | <p><b>Mac Solenoid Valve w/Regulator</b></p> <p>No longer available: If air solenoid has failed, use 997-15-008 above. If regulator has failed use 997-15-206, which is 997-15-204 plus flow control.</p> |             |       |
|   | <p><b>Mac Valve Connector and Cable</b></p> <p>Select this component if you are adding additional station to existing air pack. Route cable to 12vdc source to actuate air valve. Six feet long.</p>      | 997-15-011  | \$15  |
|  | <p><b>Festo Single Solenoid (12V)</b><br/>No longer available: Use <b>Single Mac Festo Replacement</b></p>  | 997-09-002  | \$131 |
|   | <p>To replace Festo air for pneumatic/manual collet closer: Use <b>Dual Mac Single Replacement</b></p>  | 997-09-003  | \$236 |
|  | <p><b>Festo Double Solenoid (12V)</b><br/>No longer available: Use <b>Double Mac Festo Replacement</b></p>  | 997-09-001  | \$175 |
|  | <p>Main Regulator Assembly w/Gauge</p>  | 997-11-101  | \$75  |

Pneumatic Components

April 2017

| Component  | Description                         | Part Number | Price |
|--|-------------------------------------|-------------|-------|
|   | Collet Closer Regulator Assembly    | 997-11-002  | \$60  |
|   | Main Regulator Plastic Bowl         | 997-11-008  | \$15  |
|  | Filter Element                      | 997-11-022  | \$40  |
|  | Air Lubricator Bowl                 | 697-11-001  | \$35  |
|  | Air Lubricator w/Bracket & Fittings | 697-11-101  | \$150 |

Additional Components

Sept 2016

| Component   | Description   | Part Number | Price |
|---|---|-------------|-------|
|   | Z Axis Scale  | 992-04-002  | \$18  |
|   | X Axis Scale  | 992-04-001  | \$18  |
|    | Rubber way cover, 5" or 8" Travel<br>(cut 8" to fit)  | 392-11-002  | \$30  |
|    | Bellows Cover for GT75 & GTJr<br>(Accordion Way Cover)  | 692-11-001  | \$205 |
|    | M Function Diagnostic Console<br>Very useful for trouble-shooting<br>Your OmniTurn CNC!                 | 995-16-015  | \$275 |
|    | Coolant Pump Only   | 696-16-001  | \$235 |
|   | Coolant Pump Flange   | 696-01-001  | \$31  |
|    | Bolt Down Kit<br><br>To secure GT-75 or GT-Jr to floor<br>when aligned with Zip Loader or bar<br>feeder | 691-39-001  | \$115 |



**Additional Components**

Sept 2016

| Component   | Description  | Part Number | Price   |
|---|--|-------------|---------|
|    | <p>Collet Closer Air Switch Kit<br/>To inhibit Cycle Start if collet or chuck is not clamped</p> | 697-09-100  | \$125   |
|    | <p>Parts Catcher Kit<br/>(Fits GT-75 only)</p>   | 491-39-100  | \$1,000 |
|    | <p>Parts Catcher Kit<br/>(Fits GT-75 or GT-Jr)</p>   | 593-39-100  | \$1,000 |
|   | <p>Instant start, dual fluorescent<br/>Work Lamp Kit (includes Brackets)</p>                     | 491-09-002  | \$150   |
|  | <p>Feet (GT75 &amp; GTJr)<br/>Price for Four</p>   | 691-13-001  | \$56    |
|  | <p>Vibration Isolation Pad<br/>(GT75 &amp; GTJr)<br/>Price for Four</p>                          | 691-13-002  | \$68    |
|  | <p>PLC Kit – 16 inputs &amp; 14 outputs</p>  | 999-39-103  | \$1,095 |