

Control Components

Oct 2018

Component	Description	Part Number	Price
	New Generation (G4) CNC 5hp (with exchange)	915-16-101	Call for special pricing
	New Generation (G4) CNC 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	\$800
	AT Power Supply (G3 CNC)	995-16-009	\$75
	ATX Power Supply (G4 CNC)	995-16-020	\$75









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Component	Description	Part Number	Price
	IP68 Medical Grade Keyboard <i>Oil Resistant - Made in USA</i>	995-16-001	\$295
	Auxiliary Power Supply Kit <b>For older G3 CNC only</b> (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 <b>(For old-style G2 &amp; G3 CNC)</b>	995-16-002	\$250
	5AX Exchange Refurbished Complete with "Rabbit" micro-processor and ribbon cables <b>(Motion Card for G4 CNC)</b>	995-49-011	\$600
	MC2 Exchange Refurbished	995-49-001	\$1,000
	MC2-B Exchange Refurbished	995-49-004	\$1,000
	Servo Motor Thermal Overload <b>(G4 and late G3 CNC)</b>	995-15-015	\$10




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Component	Description	Part Number	Price
	Thermal Overload w/Heater <i>(refurb)</i> <b>(G3 CNC pre-2007)</b>	995-15-017	\$85
	W43 Heater only <i>(new)</i> <b>(G3 CNC pre-2007)</b>	995-15-007	\$45
	12V Relay (3-pole) <i>(Used everywhere except latest spindle-drive circuit board)</i>	999-15-005	\$16
	USB Hard Drive Pre-configured for your CNC <b>(For G4 CNC)</b>	995-09-006	\$50
	Solid-state IDE Hard Drive Pre-configured for your CNC <b>(For G3 or early G4 CNC)</b>	995-09-003	\$125
	Monochrome Video Card <b>(For G3 w/Amber CRT Monitor)</b>	995-17-009	\$82
	OmniTurn Programming & Service Manual <b>(Specify G3 or G4)</b>	999-59-001	\$50
	USB Floppy Drive Emulator <i>(Provides USB compatibility for old-style CNC)</i>	995-16-022	\$150
 <p>Includes pre-wired contact-block for Control on/off switch.</p>	Armature Relay Kit <b>(for pre-1998 GT-75 only)</b> Prevents slide movement if control is shut off w/o first engaging E-Stop. NOTE: If Control On switch is Idec, \$60	995-09-001	\$100

Control Components

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Component	Description	Part Number	Price
	<p>Connect Card (For G2 or G3 CNC) Requires Pin Extractor 993-03-001</p>	<p>995-17-002</p>	<p>\$256</p>
	<p>Connect Card (w/Exchange) (For G4 CNC) Requires Pin Extractor 993-03-001</p>	<p>995-17-016</p>	<p>\$350</p>
	<p>Pin Extractor (Required for removing pins from AMP connectors used on OmniTurn CNC)</p>	<p>999-03-001</p>	<p>\$30</p>

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: Includes 2 bearing block trucks <i>2 assemblies needed per axis</i>		
	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) One Year warranty	995-16-100	\$950

Spindle Drive Components

November 2018

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) 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 (1/4" shaft)	995-16-105	\$250
	Direct-mount Encoder, 5hp only (3/8" shaft)	995-16-103	\$250
	Old 5hp Motor Pulley Only (PolyVee)	613-22-001	\$150
	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

November 2018

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 (pre-2001/late 2000: slide s/n w/o 'PTI')  For GT75 & GTJr (300H100)	663-21-001	\$25
	Spindle Drive Belt 5hp/CAX Herringbone Type  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	\$80
	Dunham Drawtube Only	693-08-211	\$250
	Dunham Collet Closer Rebuild Kits:		
	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

November 2018

Component	Description	Part Number	Price
	STANDARD SPINDLE DRIVES:		
	GT75/GTJr. – Standard Inverter	914-16-004	\$795
	Attachment – Standard Inverter	924-16-001	\$795
	C-AXIS SPINDLE DRIVE:		
	Current C-Axis, <i>w/exchange</i>	974-16-002	\$2,500
	Baumuller is obsolete Indramat is obsolete		
	Brake Resistor: 5HP Inverter Drive (40 ohms 500W)	914-15-001	\$150
	Brake Resistor: C-Axis Yaskawa (8.5 ohms 500W)	914-15-001	\$150
	Brake Resistor: C-Axis Yaskawa Short Cycle (8.5 ohms 1000W)	974-16-003	\$350
	Brake Resistor: C-Axis Baumuller Short Cycle (15 ohms 1000W)	954-16-003	\$350
	Spindle Drive Circuit Card ( <i>spinpcb</i> ) <i>w/exchange</i>	984-17-001	\$300
	Disconnect Switch Kit (Switch, shaft & operator)	994-12-102	\$140
	Disconnect Switch (6mm)	994-12-001	\$75
	Disconnect Operator (6mm)	994-12-002	\$40

Spindle Drive Components

November 2018

Component	Description	Part Number	Price
	<p>New Spindle Complete Cam Lock, w/exchange</p>	<p>693-39-001</p>	<p>\$3,500</p>
	<p>Spindle Nose Cover (Reduces coolant spray)</p>	<p>693-01-003</p>	<p>\$50</p>
	<p>Drawtube Plug Spindle</p>	<p>633-11-001</p>	<p>\$50</p>

Pneumatic Components

Oct 2018

Component	Description	Part Number	Price
	<b>Mac Single Solenoid Valve Only</b> <i>Select this component to replace failed solenoid valve. Includes mounting screws and gasket.</i>	997-15-008	\$75
	<b>Mac Single Solenoid Valve w/manifold</b> <i>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.</i>	997-15-204	\$105
	<b>Mac Single Solenoid Valve w/flow-control</b> <i>Select this component to replace obsolete solenoid valve with integral regulator. Same as 997-15-204 except with flow-control and plug.</i>	997-15-206	\$115
	<b>Mac Single Solenoid Valve Complete</b> <i>Select this component to add stand-alone solenoid valve. Includes manifold, end plate, fittings and 12V connector w/cable.</i>	997-15-201	\$120
	<b>Mac Double Solenoid Valve Only</b> <i>Select this component to replace failed solenoid valve. Includes mounting hardware and gasket.</i>	997-15-007	\$100
	<b>Mac Double Solenoid Valve/manifold</b> <i>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.</i>	997-15-203	\$116

Pneumatic Components

Oct 2018

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> 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> 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

Oct 2018

Component	Description	Part Number	Price
	Collet Closer Regulator Assembly	997-11-002	\$60
	Main Regulator Plastic Bowl	997-11-008	\$20
	Filter Element	997-11-022	\$40
	Air Lubricator Bowl	697-11-001	\$35
	Air Lubricator w/Bracket & Fittings	697-11-101	\$150

**Additional Components**

Jul 2018

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 (cut 8" to fit)	392-11-002	\$30
	Bellows Cover for GT75 & GTJr (Accordion Way Cover)	692-11-001	\$205
	M Function Diagnostic Console Very useful for trouble-shooting Your OmniTurn CNC!	995-16-015	\$275
	Coolant Pump Only	696-16-001	\$235
	Coolant Pump Flange	696-01-001	\$31
	Chip Pan w/Perforated Bottom (Includes Filter Material)	696-11-003	\$90

**Additional Components**



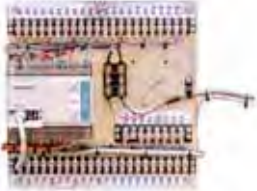
Jul 2018

Component	Description	Part Number	Price
	<p>Filter Material for Chip Pan</p>	<p>696-11-001</p>	<p>\$10</p>
	<p>Bolt Down Kit To secure GT-75 or GT-Jr to floor when aligned with Zip Loader or bar feeder</p>	<p>691-39-001</p>	<p>\$115</p>
	<p>Collet Closer Pressure Switch Kit for G3 CNC Inhibits Cycle Start if collet is not clamped.  (Regulator and Gauge not included)</p>	<p>697-09-100</p>	<p>\$125</p>
	<p>Collet Closer Pressure Switch Kit for G4 CNC Inhibits Cycle Start if collet is not clamped.</p>	<p>998-09-401</p>	<p>\$175</p>
	<p>Parts Catcher Kit (Fits GT-75 only)</p>	<p>491-39-100</p>	<p>\$1,000</p>
	<p>Parts Catcher Kit (Fits GT-75 or GT-Jr)</p>	<p>593-39-100</p>	<p>\$1,000</p>
	<p>Instant start, dual fluorescent Work Lamp Kit (includes Brackets)</p>	<p>491-09-002</p>	<p>\$150</p>



**Additional Components**

Jul 2018

Component	Description	Part Number	Price
	Feet (GT75 & GTJr) Price for Four	691-13-001	\$56
	Vibration Isolation Pad (GT75 & GTJr) Price for Four	691-13-002	\$68
	PLC Kit – 16 inputs & 14 outputs	999-39-103	\$1,095