

Part and Documentation List Index

For a listing of selected parts choose the appropriate control system from the selection group below.



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A2100 Analog Part Listing

Operator Station Assembly "OSA"	Processor Control Assembly "PCA"	Panel Assemblies
Pendant Assemblies (Machining Center)	Pendant Assemblies (Turning Center)	I/O
WSCPU VGA/CRT	WSCPU LVDS	RTCPU
Hard Drive Assemblies	Misc Cables	Other Assemblies

Part Number	Operator Station Assembly "OSA"	NOTES
3-424-2130A	Operator Station Assembly - CRT	Superseded by 3-424-2130A01
3-424-2130A01	Operator Station Assembly - CRT w/filter & pots	
3-424-2130A02	Operator Station Assembly - CRT without filter	Republic Lagun
3-424-2202A	Operator Station Assembly - Flat Panel	Superseded by 3-424-2202A01
3-424-2202A01	Operator Station Assembly - Flat Panel	
3-525-0998A	CNC/KTI Keyboard Assembly	FRU for CRT version only
3-711-2732G	E-Stop switch	
3-711-2756G	E-Stop blank cover	
	Processor Control Assembly "PCA"	
3-542-1217A	Basic Bridge Board	Superseded by 3-542-1260A
3-542-1260A	Basic Bridge Board	Superseded by 3-542-1357A
3-542-1357A	Basic Bridge Board	
3-542-1432A	Basic Bridge Board (14 Axis system use with HIPI & 2126A01 PCA)	Retrofit Part
3-424-2138A	Power Supply Assembly	Superseded by 3-424-2138A02
3-424-2138A02	Power Supply Assembly	
	WSCPU VGA/CRT	
3-424-2123A	WSCPU _ DX2-66 16MB Intel Entrada	DNE Only - Purchase 3-424-2374A03
3-424-2123A01	WSCPU _ P5-75 16MB Intel Morrison	DNE Only - Purchase 3-424-2374A03
3-424-2123A02	WSCPU _ 5x86-133 16MB Forcom-CRT	DNE Only - Purchase 3-424-2374A03
3-424-2123A03	WSCPU _ P5-75 16MB Intel Rhine,MACH,	DNE Only - Purchase 3-424-2374A03
3-424-2162A	WSCPU _ 5x86-133 32MB Forcom-CRT (Field Upgrade to 32MB only)	DNE Only - Purchase 3-424-2374A03
3-424-2162A01	WSCPU P5-75 32MB Intel Morrison - CRT (Field 32 MB only)	DNE Only - Purchase 3-424-2374A03
3-424-2162A03	WSCPU P5-75 32MB Intel Rhin, MACH, CRT (Field 32 MB only)	DNE Only - Purchase 3-424-2374A03
3-424-2164A	WSCPU _ P5-133 32MB Intel Rhine,MACH,	DNE Only - Purchase 3-424-2374A03
3-424-2164A01	WSCPU _ P5-133 32MB Intel Rhine,CRT,ATI264, USB (Analog & Digital)	DNE Only - Purchase 3-424-2374A03
3-424-2165A	WSCPU _ P5-200 96MB Intel Rhine,CRT,ATI264, USB	DNE Only - Purchase 3-424-2374A03
3-424-2257A	WSCPU _ P5-100 & 133 32MB Intel Rhine,CRT	DNE Only - Purchase 3-424-2374A03
3-424-2374A01	WSCPU K6/2-333 128MB Amer. Pred VGA/CRT / 18.1 (needs at least R2.34)	DNE Only - Purchase 3-424-2374A03
3-424-2374A03	WSCPU K6/2-333 128MB VGA/CRT	Needs at least R2.34 - Needs NT 4.0 and Video Driver

	WSCPU LVDS	
3-424-2276A	WSCPU _ 5x86-133 16MB Forcom,LCD CMOS	DNE Only - Purchase 3-424-2283A02/3-424-2290A02/3-424-2374A02
3-424-2283A	WSCPU _ P5-100 & 133 32MB Intel Rhin,LCD, ATI264	DNE Only - Purchase 3-424-2283A02/3-424-2290A02/3-424-2374A02
3-424-2283A01	WSCPU _ P5-133 32MB Intel Rhine,LCD,ATI264, USB (Analog & Digital)	DNE Only - Purchase 3-424-2283A02/3-424-2290A02/3-424-2374A02
3-424-2283A02	WSCPU _ P5-200 32MB Smart, LCD,ATI264,USB (needs at least R2.34) Std for R3	Superseded by 3-424-2290A02
3-424-2289A	WSCPU _ 5x86-133 32MB Forcom,LCD CMOS	DNE Only - Purchase 3-424-2283A02/3-424-2290A02/3-424-2374A02
3-424-2290A	WSCPU _ P5-200 96MB Intel Rhine,LCD,ATI264, USB	DNE Only - Purchase 3-424-2283A02/3-424-2290A02/3-424-2374A02
3-424-2290A02	WSCPU _ P5-200 64MB Smart, LVDS, LCD, C&T (needs at least R2.34) Std for R4	Superseded by 3-424-2374A02
3-424-2374A02	WSCPU _ K6/2-333 128 MB Smart, LVDS, LCD, C&T (needs at least R2.34) High performance for R3 / R4.	
	RTCPU	
3-424-2124A	RTCPU Assy _ DX-33Mhz 4MB Micronics	DNE Only - Purchase 3-424-2400A01
3-424-2168A	RTCPU Assy _ DX2-66Mhz 4MB Micronics	DNE Only - Purchase 3-424-2400A01
3-424-2168A01	RTCPU Assy _ DX2-80Mhz 4MB FIC	DNE Only - Purchase 3-424-2400A01
3-424-2168A02	RTCPU Assy _ DX2-80Mhz or DX4-100Mhz 4MB DFI	DNE Only - Purchase 3-424-2400A01
3-424-2168A03	RTCPU Assy _ DX2-80Mhz or DX4-100Mhz 4MB DFI	DNE Only - Purchase 3-424-2400A02
3-424-2169A01	RTCPU Assy _ DX2-80Mhz or DX4-100Mhz 4MB DFI	DNE Only - Purchase 3-424-2400A01
3-424-2169A02	RTCPU Assy _ DX2-80Mhz or DX4-100Mhz 8MB DFI	DNE Only - Purchase 3-424-2400A01
3-424-2169A03	RTCPU Assy _ DX2-80Mhz or DX4-100Mhz 8MB DFI w/com ports "NEXT"	DNE Only - Purchase 3-424-2400A02
3-424-2171A	RTCPU Assy _ P5-90Mhz 8MB Intel Plato	DNE Only - Purchase 3-424-2400A01
3-424-2171A01	RTCPU Assy _ P5-90Mhz 8MB Intel Zappa,Radisys	DNE Only - Purchase 3-424-2400A01
3-424-2171A02	RTCPU Assy _ P5-90Mhz 8MB Intel Zappa,Radisys w/com ports "NEXT"	DNE Only - Purchase 3-424-2400A02
3-424-2172A	RTCPU Assy _ P5-90Mhz 16MB Intel Plato	DNE Only - Purchase 3-424-2400A01
3-424-2172A01	RTCPU Assy _ P5-90Mhz 16MB Intel Zappa,Radisys	DNE Only - Purchase 3-424-2400A01
3-424-2172A02	RTCPU Assy _ P5-90Mhz 16MB Intel Zappa,Radisys w/com ports "NEXT"	DNE Only - Purchase 3-424-2400A02
3-424-2256A	RTCPU Assy _ P5-166Mhz 8MB Zap,Rad	DNE Only - Purchase 3-424-2400A01
3-424-2293A	RTCPU Assy _ P5-166Mhz 16MB Zap,Rad	DNE Only - Purchase 3-424-2400A01
3-424-2310A	RTCPU Assy _ P5-166Mhz 8MB Intel Zappa,Radisys (Digital)	DNE Only - Purchase 3-424-2400A01
3-424-2312A	RTCPU Assy _ P5-166Mhz 16MB Intel Zappa, Radisys (Digital)	DNE Only - Purchase 3-424-2400A01
3-424-2347A01	RTCPU Assy _ P5-166Mhz 8MB Intel Zappa Radisys (Analog) (High performance - Tool & Die)	DNE Only - Purchase 3-424-2400A01
3-424-2347A02	RTCPU Assy _ P5-166Mhz 8MB Intel Zappa Radisys "Next" (High performance - Tool & Die)	DNE Only - Purchase 3-424-2400A02
3-424-2348A01	RTCPU Assy _ P5-166Mhz 16MB Intel Zappa, Radisys (Analog) (High performance - Tool & Die)	DNE Only - Purchase 3-424-2400A01

3-424-2348A02	RTCPU Assy _ P5-166Mhz 16MB Intel Zappa, Radisys (Analog) (High performance - Tool & Die)	DNE Only - Purchase 3-424-2400A02
3-424-2379A01	RTCPU, K6-2/333/16MB	
3-424-2379A02	RTCPU, K6-2/333/16MB	
3-424-2400A01	RTCPU Assy _ P5-133Mhz 16MB	Requires NT 4.0
3-424-2400A02	RTCPU Assy _ P5-133Mhz 16MB w/Com Ports	Requires NT 4.0
	I/O	
3-542-1210A	CMHD I/O board	
3-542-1387A	CMHD I/O board (CE version)	
3-542-1341A	HIPI board (Parallel only - Analog package)	
3-542-1388A	HIPI board (Serial & Parallel - Analog package)	
3-531-4678A	DIBA2 board	
3-542-1218A	DV7 board	Superseded by 3-542-1276A
3-542-1276A	DV5 board	Superseded by 3-542-1340A
3-542-1340A	DV5 board	Superseded by 3-542-1451A
3-542-1344A	DV3 board	
3-542-1425A	DV7S "Slave" board (used as base for 5th & 6th axis option)	
3-542-1367A	DV7F board (Filtered board for Lagun)	
3-542-1358A	DV5F board (Filtered board for Lagun)	
3-545-1021A	5th Axis Option Assembly _ 6 channels	Superseded by 3-545-1023A
3-545-1022A	6th Axis Option Assembly _ 7 channels	Superseded by 3-545-1024A
3-545-1023A	5th Axis Option Assembly _ 6 channels	Superseded by 3-545-1064A
3-545-1024A	6th Axis Option Assembly _ 7 channels	Superseded by 3-545-1065A
3-545-1042A	5th Axis Filtered Option (Lagun) Assembly _ 6 channels	
3-545-1043A	6th Axis Filtered Option (Lagun) Assembly _ 7 channels	
3-545-1050A	6th Axis Option 2nd Servo board (Slave) Assembly _ 7 channels	
3-542-1451A	DV5	
3-542-1064A	5th Axis Option Assembly _ 6 Channels	
3-542-1065A	6th Axis Option Assembly _7 Channels	
3-533-1035G	Ethernet 16C board - Pro	DNE Only _ Purchase 3-533-1114G
3-533-1043G	Ethernet 16C board - Pro 10 Plus	DNE Only _ Purchase 3-533-1114G
3-533-1105G	Ethernet 16C board - Pro 10 Plus w/o AUI	DNE Only _ Purchase 3-533-1114G
3-533-1114G	Ethernet board	
3-526-1023K	Modem 33.6K kit	
3-526-1065K	DDCON w/o UPS board - Modem p/n: 1-640-0225	Superseded kit #3-526-1023K
3-545-1058A	Smart Brick I/O - Single 16in/8out - 3rd generation (CE version)	
3-545-1059A	Smart Brick I/O - Double 32in / 16out - 3rd generation (CE version)	
3-545-1060A	Smart Brick I/O - Triple 48in/24out - 3rd generation (CE version)	
3-545-1061A	Smart Brick I/O - Quad 64in/32out - 3rd generation (CE version)	

	Pendant Assemblies	
	Machining Centers	
3-424-2131A	VMC Pendant Assy _ English legends 8ft	1st Generation - Replaced by 3-424-2158A _ Exchange for 3-424-2194A
3-424-2153A	VMC Pendant Assy _ ISO legends 8ft	1st Generation - Replaced by 3-424-2193A _ Exchange for 3-424-2193A
3-424-2153A01	VMC Pendant Assy _ ISO legends 25ft	1st Generation - Replaced by 3-424-2193A01 _ Exchange for 3-424-2193A01
3-424-2158A	VMC Pendant Assy _ English legends 8ft	1st Generation - Replaced by 3-424-2194A _ Exchange for 3-424-2194A
3-424-2158A01	VMC Pendant Assy _ English legends 25ft	1st Generation - Replaced by 3-424-2194A01 _ Exchange for 3-424-2194A01
3-424-2193A	VMC Pendant Assy _ ISO legends 8ft 2nd. generation	
3-424-2193A01	VMC Pendant Assy _ ISO legends 25ft 2nd. generation	
3-424-2194A	VMC Pendant Assy _ English legends 8ft 2nd. generation	
3-424-2194A01	VMC Pendant Assy _ English legends 25ft 2nd. generation	
3-424-2226A	VMC Pendant Assy _ ISO legends 8ft 3rd. generation	
3-424-2226A01	VMC Pendant Assy _ ISO legends 25ft 3rd. generation	
3-424-2227A	VMC Pendant Assy _ English legends 8ft 3rd. generation	
3-424-2227A01	VMC Pendant Assy _ English legends 25ft 3rd. generation	
3-424-2228A	HMC Pendant Assy _ English legends 8ft 3rd. generation	
3-424-2228A01	HMC Pendant Assy _ English legends 25ft 3rd. generation	
3-424-2228A02	HMC Pendant Assy _ English legends 12ft 3rd. generation	
3-424-2229A	HMC Pendant Assy _ ISO legends 8ft 3rd. generation	
3-424-2288A01	HMC Pendant Assy _ English legends 25ft,+W 4th. generation	
3-424-2325A	VMC Pendant Assy ISO legends 8ft 4th generation	
3-424-2325A01	VMC Pendant Assy ISO legends 25ft 4th generation	
3-424-2326A	VMC Pendant Assy English legends 8ft 4th generation	
3-424-2326A01	VMC Pendant Assy English legends 25ft 4th generation	
3-424-2327A	HMC Pendant Assy English legends 8ft 4th generation	
3-424-2327A01	HMC Pendant Assy English legends 25ft 4th generation	
3-424-2327A02	HMC Pendant Assy English legends 12ft 4th generation	
3-424-2328A	HMC Pendant Assy ISO legends 8ft 4th generation	
3-424-2328A02	HMC Pendant Assy ISO legends 12ft 4th generation	
	Turning Centers	

3-424-2188A	TC Pendant Assy _ English legends 8 ft	1st Generation - Replaced by 3-424-2198A _ Exchange for 3-424-2198A
3-424-2197A	TC Pendant Assy _ ISO 8ft quill	
3-424-2198A	TC Pendant Assy _ English legends 8ft quill 2nd. generation	
3-424-2198A01	TC Pendant Assy _ English legends 25ft quill 2nd. generation	
3-424-2198A02	TC Pendant Assy _ English legends 8ft s/spdl 2nd. generation	
3-424-2251A02	TC Pendant Assy _ English legends 10ft +W 3rd. generation	
3-424-2252A02	TC Pendant Assy _ ISO legends 10ft +W 3rd. generation	
3-424-2301A	VTC Pendant Assy English legends 10ft 3rd generation	
3-424-2301A01	VTC Pendant Assy English legends 25ft 3rd generation	
3-424-2333A02	TC Pendant Assy English legends 10ft +W 4th generation	
3-424-2334A02	TC Pendant Assy ISO legends 10ft +W 4th generation	
3-424-2350A	TC Pendant Assy English legends 8ft quill 4th generation	
3-424-2350A01	TC Pendant Assy English legends 25ft quill 4th generation	
3-424-2350A02	TC Pendant Assy English legends 8ft s/spdl 4th generation	
3-424-2351A	VTC Pendant Assy English legends 10ft 4th generation	
3-424-2351A01	VTC Pendant Assy English legends 25ft 4th generation	
3-424-2370A02	TC Pendant Assy English legends 12ft C-axis 4th generation	
3-424-2385A	TC Pendant Assy English legend 25ft QUILL, Front Tool	
1-530-0058	Knob w/ white line	
	Panel Assemblies	
3-424-2185A	TC Panel Assy _ English quill	1st Generation - Replaced by 3-424-2196A _ Exchange for 3-424-2196A
3-424-2185A01	TC Panel Assy _ English s/spdl	1st Generation - Replaced by 3-424-2196A01 _ Exchange for 3-424-2196A01
3-424-2195A	TC Panel Assy _ ISO legends quill 2nd. generation	
3-424-2195A01	TC Panel Assy _ ISO legends s/spdl 2nd. generation	
3-424-2196A	TC Panel Assy _ English legends quill 2nd. generation	
3-424-2196A01	TC Panel Assy _ English legends s/spdl 2nd. Generation	
3-424-2249A	TC Panel Assy _ ISO legends quill 3rd. generation	
3-424-2250A	TC Panel Assy _ English legends quill 3rd. generation	
3-424-2282A	VMC Panel Assy _ English 3rd. generation	

3-424-2330A	VMC Panel Assy English 4th generation	
3-424-2331A	TC Panel Assy ISO legends quill 4th generation	
3-424-2332A	TC Panel Assy English legends quill 4th generation	
	Other Assemblies	
3-424-2184A	I/O Loopback Assembly	
3-424-2128A	Floppy Drive Assembly _ 1.44 MByte, 8ft	
3-424-2128A01	Floppy Drive Assembly _ 1.44 MByte, 30ft	
3-424-2128A02	Floppy Drive Assembly _ 1.44 MByte, 4ft	
3-424-2128A03	Floppy Drive Assembly _ 1.44 MByte, 10ft	
3-424-2128A04	Floppy Drive Assembly "Gray" _ 1.44 MByte, 10ft	
3-424-2128A05	Floppy Drive Assembly "Gray" _ 1.44 MByte, 4ft	
3-424-2182A	Portable Floppy Drive Assy _ 1.44 MByte, 8ft.	
1-525-1247	Keyboard 101 w/trackball/trackstick	DNE Only _ Purchase 1-525-1372
1-525-1265A	Keyboard Assembly 101 w/touchpad	DNE Only _ Purchase 1-525-1372
1-525-1308A	Keyboard Assembly 101 w/touchpad "Keytronics"	DNE Only _ Purchase 1-525-1372
1-525-1372	Keyboard Assembly with Touchpad	
3-422-3514A	Servo Loopback plug	
1-422-0177	RS-232 Jumper cable "COM1" - LCD	
3-422-3703A01	Flat Panel OSA cable w/ferrite 25ft	
3-422-3703A02	Flat Panel OSA cable w/ferrite 5m	
3-422-3703A03	Flat Panel OSA cable w/ferrite 6.5m	
3-422-3703A04	Flat Panel OSA cable w/ferrite 50ft	
	Hard Drive Assemblies	
3-424-2125A	Hard Drive Assembly _ 210 Mb	DNE only _ Purchase 3-424-2383A02
3-424-2174A	Hard Drive Assembly _ 540 MB	DNE only _ Purchase 3-424-2383A02
3-424-2174A01	Hard Drive Assembly _ 640 MB	DNE only _ Purchase 3-424-2383A02
3-424-2174A02	Hard Drive Assembly _ 1.6 GB	DNE only _ Purchase 3-424-2383A02
3-424-2174A001	Hard Drive Assembly _ 540 MB	DNE only _ Purchase 3-424-2383A02
3-424-2174A011	Hard Drive Assembly _ 640 MB	DNE only _ Purchase 3-424-2383A02
3-424-2174A021	Hard Drive Assembly _ 1.6 GB	DNE only _ Purchase 3-424-2383A02
3-424-2352A	Hard Drive Assembly 1.6 GB	DNE only _ Purchase 3-424-2383A02
3-424-2383A	Hard Drive assembly _ 10.2 GB	DNE only _ Purchase 3-424-2383A02
3-424-2383A01	Hard Drive Assembly 10.2 GB	
3-424-2383A02	Hard Drive Assembly _ 2.1 GB	Hardware compliant with ALL A2100s
	Misc Cables	
3-422-3626A05	PCA-Pendant cable - 25'	
3-422-3627A05	OSA AC Power cable - 25'	From PCA power supply to OSA
3-422-3628A05	OSA Fan cable - 25'	For 24VDC to OSA fan
3-422-3629A05	OSA Data cable - 25'	
3-422-3630A05	KTI power cable - 25'	
3-422-3631A05	Keyboard/Trackball - 25'	
3-422-3640A02	CMHD jacketed cable - 5'	
3-422-3641A02	CMHD jacketed cable - 5', output	two pins plugged
3-422-3666A	Analog Loopback Plug	Remove metal strain relief (causes shorts)
3-422-3667A	Digital Loopback Plug	Remove metal strain relief (causes shorts)

3-422-3744A	PCA to Pendant Bulkhead (3rd gen.)	
3-422-3620A	Keyboard/Trackball ext. cable	Lg. Plate
3-422-3658A01	Keyboard/Trackball ext. cable	Incl. in kit #3-526-0992K (Hawk & Falcon TC's)
3-422-3702A01	Keyboard/Trackball ext. cable	Sm. Plate
3-422-3482A	RS-232 NULL MODEM CABLE	

A2100 Documentation Part Number List

Note: Siemens does not provide any documentation specific to any particular machine type. Some features and/or capabilities may not be present in your particular implementation of the control. Always consult your machine tool builder for proper operating, programming, and maintenance procedures for their specific machine. Siemens manuals can be ordered directly from Service Parts.

Select Manual Type from the List Below:

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Operation Manuals

Name	Part Number	Software Release	Latest Revision
Operations Guide (MC)	7-000-5008PG	Release 1	Jun 1995
Operations Guide (MC)	7-000-5188PG	Release 2.0, 2.1, 2.2	Sep 1997
Operations Guide (TC)	7-000-5187PG	Release 2.0, 2.1, 2.x	Apr 1996
Operations Guide (MC)	7-000-5591PG	Release 3.0, 3.1, 3.2x	Feb 2000 Rev. C
Operations Guide (MC)	7-000-5591PGC	Release 3.0 - Czech	Mar 1998
Operations Guide (MC)	7-000-5591PGF	Release 3.0 - French	Mar 1998
Operations Guide (MC)	7-000-5591PGG	Release 3.0 - German	Mar 1998
Operations Guide (MC)	7-000-5591PGI	Release 3.0 - Italian	Mar 1998
Operations Guide (MC)	7-000-5591PGS	Release 3.0 - Spanish	Mar 1998
Operations Guide (MC)	7-000-5972OG	Release 4.0	Apr 2000
Operations Guide (MC)	7-000-5992OG	Release 5.0	Jan 2001
Operations Guide (TC)	7-000-5996OG	Release 5.0	Jan 2001

Programming Manuals

Name	Part Number	Software Release	Latest Revision
Programming Manual (MC)	7-000-5008PM	Release 1	Jun 1995
Programming Manual (MC)	7-000-5188PM	Release 2.0, 2.1	Dec 1996
Programming Manual (TC)	7-000-5187PM	Release 2.0, 2.1	Dec 1996
Programming Manual (MC)	7-000-5372PM	Release 2.2	Mar 1997
Programming Manual (TC)	7-000-5373PM	Release 2.2, 3.0	Jul 1999

Programming Manual (MC)	7-000-5590PM	Release 3.0, 3.2	Jul 1999
Programming Manual (MC)	7-000-5590PMC	Release 3.0 - Czech	Mar 1998
Programming Manual (MC)	7-000-5590PMF	Release 3.0 - French	Aug 1998
Programming Manual (MC)	7-000-5590PMG	Release 3.0 - German	Aug 1998
Programming Manual (MC)	7-000-5590PMI	Release 3.0 - Italian	Aug 1998
Programming Manual (MC)	7-000-5590PMS	Release 3.0 - Spanish	Aug 1998
Programming Manual (MC)	7-000-5965PM	Release 4.0 to 4.12	Nov 2000
Programming Manual (MC)	7-000-5993PM	Release 5.0	Jan 2001
Programming Manual (TC)	7-000-5995PM	Release 5.0	Jan 2001

Installation, Setup & Service Manuals

Installation, Setup & Service ('IS&S') Manual - A2100 (All versions - <u>except A2100Di</u>)	7-000-5938IS	Release 4.1 (and prior)	Jun 2001 Rev. D
Installation, Setup & Service ('IS&S') Manual - A2100Di	7-000-5979IS	Release 5.x	May 2001 Rev. A
Installation, Setup & Service ('IS&S') Manual - A2100 (All versions - <u>except A2100Di</u>)	7-000-6100IS	Release 5.x	Jul 2001 Rev. +

Control Maintenance Manual (Obsolete)

Name	Part Number	Software Release	Latest Revision
Control Maintenance (Analog) <i>This manual is now included in the IS & S manual 7-000-5938IS listed above.</i>	7-000-5008GR Do not order this manual	Release 2.2	Nov 1997
Control Maintenance (digital) <i>This manual is now included in the IS & S manual 7-000-5938IS listed above.</i>	7-000-5749GR Do not order this manual	Release 3.x	Jul 1999

Probe Manuals

Name	Part Number	Software Release, Comments	Latest Revision

Spindle Probe (MC)	7-000-5558AP	Release 2.0 thru 2.3 (Included with Option Package Spindle Probe 3-526-xxxxK)	Mar 1998
Tool Setting Probe (MC)	7-000-5559AP	Release 2.0 thru 2.3 (Included with Option Package Tool Probe 3-526-xxxxK)	Apr 1998
Spindle Probe (MC)	7-000-5592AP	Release 3.0 (Included with Option Package Spindle Probe 3-526-1003K)	Mar 1998
Spindle Probe (MC)	7-000-6087AP	Release 5.0 and prior (Included with Option Package Spindle Probe 3-526-1003K)	Aug 2001
Spindle Probe (MC)	7-000-5592APC	Release 3.0 - Czech	Mar 1998
Spindle Probe (MC)	7-000-5592APF	Release 3.0 - French	Mar 1998
Spindle Probe (MC)	7-000-5592APG	Release 3.0 - German	Mar 1998
Spindle Probe (MC)	7-000-5592API	Release 3.0 - Italian	Mar 1998
Spindle Probe (MC)	7-000-5592APS	Release 3.0 - Spanish	Mar 1998
Tool Setting Probe (MC)	7-000-5593AP	Release 3.0 (Included with Option Package Tool Probe 3-526-1004K)	Mar 1998
Tool Setting Probe (MC)	7-000-5593APC	Release 3.0 - Czech	Mar 1998
Tool Setting Probe (MC)	7-000-5593APF	Release 3.0 - French	Mar 1998
Tool Setting Probe (MC)	7-000-5593APG	Release 3.0 - German	Mar 1998
Tool Setting Probe (MC)	7-000-5593API	Release 3.0 - Italian	Mar 1998
Tool Setting Probe (MC)	7-000-5593APS	Release 3.0 - Spanish	Mar 1998
Turret Probe and Tool Setter Probe (TC)	7-000-5813AP	Release 2.23 and 3.2x Includes both Turret Probe and Tool Setter Probe options. Note: This document does not cover rotating tool applications.	Feb 1999

Turret Probe and Tool Setter Probe (TC)	7-000-6091AP	Release 5.0 and prior Includes both Turret Probe and Tool Setter Probe options. Note: This document does not cover rotating tool applications.	Oct 2001
Tool Setting Probe (MC)	7-000-6027AP	Release 4.11 (Included with Option Package Tool Probe 3-526-1004K)	Sep 2000
Tool Setting Probe (MC)	7-000-6152AP	Release 5.0 and prior (Included with Option Package Tool Probe 3-526-1004K)	Aug 2001

Hardware Application Manuals & Application Notes

Name	Part Number	Software Release, Comments	Latest Revision
Hardware Application Manual (Analog - covers CRT only) <i>This manual is now included in the IS & S manual 7-000-5938IS listed above.</i>	7-000-5008AM Do not order this manual	Document is for OEM's.	May 1998
Hardware Application Manual (Flat Panel Addendum to 7-000-5008AM) <i>This manual is now included in the IS & S manual 7-000-5938IS listed above.</i>	7-000-5656AN Do not order this manual	OBSOLETE	XXXX
Hardware Application Manual (Digital - covers Flat Panel and CRT) <i>This manual is now included in the IS & S manual 7-000-5938IS listed above.</i>	7-000-5194AM Do not order this manual	Document is for OEM's.	May 1999
Hardware Application Manual (Digital with CRT) <i>This manual is now included in the IS & S manual 7-000-5938IS listed above.</i>	7-000-5741AM Do not order this manual	OBSOLETE	XXXX

A2100 A/S Hardware Applications Manual Addendum <i>This manual is now included in the IS & S manual 7-000-5938IS listed above.</i>	7-000-5754AN Do not order this manual	Now combined with 7-000-5747IS and 7-000-5746IS	XXXX
A2100 CRT to Flat Panel Conversion Guide <i>This manual is now included in the IS & S manual 7-000-5938IS listed above.</i>	7-000-5675AN Do not order this manual	Contains former 7-000-5656AN. Latest revision is Feb 11, 1999	Feb 1999
Acramatic® <i>VECTOR</i> Installation and Setup Manual (Note Suffix Change)	7-000-5747MA 7-000-5747IS	Rev.+	Oct 1999
Acramatic® <i>SERVO</i> Installation and Setup Manual (Note Suffix Change)	7-000-5746MA 7-000-5746IS	Rev.+	Oct 1999

Shop Floor Programming Manuals

Name	Part Number	Comments	Latest Revision
A2100 Shop Floor Programming Addendum to Virtual Gibbs (MC-Level 1)	7-000-5039AP	Rel. 5.0 and prior	Nov 2000
A2100 Shop Floor Programming Addendum to Virtual Gibbs (TC-Level 1)	7-000-5204AP	Rel. 5.0 and prior	Nov 2000
A2100 Shop Floor Programming Addendum to Virtual Gibbs (MC-Level 0)	7-000-5383AP	Rel. 5.0 and prior	Nov 2000
A2100 Shop Floor Programming Addendum to Virtual Gibbs (TC-Level 0)	7-000-5384AP	Rel. 5.0 and prior	Nov 2000

Additional Documents

Name	Part Number	Comments	Latest Revision
CM I/O Hardware Application Manual	7-000-0883AM	Requires HIPI Board OBSOLETE	Jan 1997
Tools Guide TK32 Application Toolkit Manual Vol. 1 of 4	7-000-5892TG	for A2100/A2100D/ A2100Di Toolkit Rel. 1.2 (and prior) Document is for OEM's. <i>Restricted Distribution</i>	Jun 2000

Designer's Guide TK32 Application Toolkit Manual Vol. 2 of 4	7-000-5892SM	for A2100/A2100D/A2100Di Rel. 1.24 (and prior) Document is for OEM's. <i>Restricted Distribution</i>	Mar 2001
Engineering Reference TK32 Application Toolkit Manual Vol. 3 of 4	7-000-5892ER	for A2100/A2100D/A2100Di Rel. 1.24 (and prior) Document is for OEM's. <i>Restricted Distribution</i>	Jan 2001
Programware 32 Programming Guide	7-000-5362MA	Document is for OEM's. <i>Restricted Distribution</i>	May 1997
A2100 CNCApplication Developer's Toolkit User Manual (for Ver. 2.46 & prior, before TK32)	7-000-5740AM	Rel. 2.3 Document is for OEM's. <i>Restricted Distribution</i>	Jun 1998
Connectivity Manual Networking and Communications for A2100/ A2100D (includes NT4)	7-000-5156SM	Rel. 5.0 Communication Document Included with Ethernet Communication Option Package 3-526-0867K	Feb 2001
Connectivity Manual Networking and Communications for A2100Di	7-000-5994SM	Rel. 5.0 Communication Document Included with A2100Di Ethernet Communication Option Package	Jan 2001
Acramatic® Remote I/O (CM I/O and Smart Brick)	7-000-5977IS	for A90/A2100 (CNC)/ A850SX IDS, and VSx/VST/ EXC/486+/486 (Plastics)	Aug 2000
Acramatic® Remote I/O (CM I/O and Smart Brick)	7-000-5977IS	for A90/A2100 (CNC)/ A850SX IDS, and VSx/VST/ EXC/486+/486 (Plastics)	May 2001 Rev. A

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Part Numbers subject to change without notice. Always confirm your request with Service Parts prior to placing an order.

A2100D Parts Listing

[Processor Control Assembly "PCA"](#) [Misc Materials](#) [Panel Assemblies](#)
[Pendant Assemblies \(Machining Center/Turning Center\)](#) [Cables](#) [I/O](#)
[WSCPU VGA/CRT/LVDS](#) [Test Cable](#) [RTCPU](#)
[Hard Drives](#) [Floppy Drives](#) [Power Supply](#)

	Cables		
1-422-0151	CABLE - VGA , 25 FT	CABLE	
1-422-0156	CABLE-I/O,HIPI-DIBA2 6FT	CABLE	
1-422-0157	CABLE-I/O,HIPI-DIBA2 3FT	CABLE	
1-422-0177	CABLE-KT12 DATA JUMPER	CABLE	
3-422-3244A	CABLE-SERIAL LINK,10FT	CABLE	
3-422-3245A	CABLE-SERIAL LINK,25FT	CABLE	
3-422-3246A	CABLE-SERIAL LINK,50FT	CABLE	
3-422-3600A	CABLE-CMHD INPUT, 4 FT.	CABLE	
3-422-3606A	CABLE-SER. LINK,PCA-I/O	CABLE	
3-422-3626A01	CABLE-PCA/PENDANT 5FT	CABLE	
3-422-3627A01	CABLE-OSA PWR 5FT	CABLE	
3-422-3627A02	CABLE-OSA PWR 10FT	CABLE	
3-422-3627A03	CABLE-OSA PWR 15FT	CABLE	
3-422-3627A04	CABLE-OSA PWR 20FT	CABLE	
3-422-3627A05	CABLE-OSA PWR 25FT	CABLE	
3-422-3627A06	CABLE-OSA PWR 30FT	CABLE	
3-422-3627A07	CABLE-OSA PWR 35FT	CABLE	
3-422-3627A08	CABLE-OSA PWR 40FT	CABLE	
3-422-3627A09	CABLE-OSA PWR 45FT	CABLE	
3-422-3627A10	CABLE-OSA PWR 50FT	CABLE	
3-422-3628A01	CABLE-OSA FAN 5FT	CABLE	
3-422-3628A02	CABLE-OSA FAN 10FT	CABLE	
3-422-3628A03	CABLE-OSA FAN 15FT	CABLE	
3-422-3628A04	CABLE-OSA FAN 20FT	CABLE	
3-422-3628A05	CABLE-OSA FAN 25FT	CABLE	
3-422-3628A06	CABLE-OSA FAN 30FT	CABLE	
3-422-3628A07	CABLE-OSA FAN 35FT	CABLE	
3-422-3628A08	CABLE-OSA FAN 40FT	CABLE	
3-422-3628A09	CABLE-OSA FAN 45FT	CABLE	
3-422-3628A10	CABLE-OSA FAN 50FT	CABLE	
3-422-3629A01	CABLE-OSA DATA 5FT	CABLE	
3-422-3629A02	CABLE-OSA DATA 10FT	CABLE	
3-422-3629A03	CABLE-OSA DATA 15FT	CABLE	
3-422-3629A04	CABLE-OSA DATA 20FT	CABLE	
3-422-3629A05	CABLE-OSA DATA 25FT	CABLE	
3-422-3629A06	CABLE-OSA DATA 30FT	CABLE	
3-422-3629A07	CABLE-OSA DATA 35FT	CABLE	
3-422-3629A08	CABLE-OSA DATA 40FT	CABLE	

3-422-3629A09	CABLE-OSA DATA 45FT	CABLE	
3-422-3629A10	CABLE-OSA DATA 50FT	CABLE	
3-422-3630A01	CABLE-OSA DC PWR 5FT	CABLE	
3-422-3630A02	CABLE-OSA DC PWR 10FT	CABLE	
3-422-3630A03	CABLE-OSA DC PWR 15FT	CABLE	
3-422-3630A04	CABLE-OSA DC PWR 20FT	CABLE	
3-422-3630A05	CABLE-OSA DC PWR 25FT	CABLE	
3-422-3630A06	CABLE-OSA DC PWR 30FT	CABLE	
3-422-3630A07	CABLE-OSA DC PWR 35FT	CABLE	
3-422-3630A08	CABLE-OSA DC PWR 40FT	CABLE	
3-422-3630A09	CABLE-OSA DC PWR 45FT	CABLE	
3-422-3630A10	CABLE-OSA DC PWR 50FT	CABLE	
3-422-3631A01	CABLE-KYBD/TRCKBL. 5FT	CABLE	
3-422-3632A01	CABLE-SER. PORT 5FT	CABLE	
3-422-3632A02	CABLE-SER. PORT 10FT	CABLE	
3-422-3632A03	CABLE-SER. PORT 15FT	CABLE	
3-422-3632A04	CABLE-SER. PORT 20FT	CABLE	
3-422-3632A05	CABLE-SER. PORT 25FT	CABLE	
3-422-3632A06	CABLE-SER. PORT 30FT	CABLE	
3-422-3632A07	CABLE-SER. PORT 35FT	CABLE	
3-422-3632A08	CABLE-SER. PORT 40FT	CABLE	
3-422-3632A09	CABLE-SER. PORT 45FT	CABLE	
3-422-3632A10	CABLE-SER. PORT 50FT	CABLE	
3-422-3640A01	CABLE-CMHD INPUT, 3 FT.	CABLE	
3-422-3640A02	CABLE-CMHD INPUT, 5 FT.	CABLE	
3-422-3640A04	CABLE-CMHD INPUT,10 FT.	CABLE	
3-422-3640A05	CABLE-CMHD INPUT,12.5FT.	CABLE	
3-422-3640A06	CABLE-CMHD INPUT,15 FT.	CABLE	
3-422-3640A07	CABLE-CMHD INPUT,20 FT.	CABLE	
3-422-3640A08	CABLE-CMHD INPUT,25 FT.	CABLE	
3-422-3640A09	CABLE-CMHD INPUT,30 FT.	CABLE	
3-422-3640A10	CABLE-CMHD INPUT,35 FT.	CABLE	
3-422-3640A11	CABLE-CMHD INPUT,40 FT.	CABLE	
3-422-3640A12	CABLE-CMHD INPUT,45 FT.	CABLE	
3-422-3640A13	CABLE-CMHD INPUT,50 FT.	CABLE	
3-422-3641A01	CABLE-CMHD OUTPUT,3 FT.	CABLE	
3-422-3641A02	CABLE-CMHD OUTPUT,5 FT.	CABLE	
3-422-3641A03	CABLE-CMHD OUTPUT,7.5FT.	CABLE	
3-422-3641A04	CABLE-CMHD OUTPUT,10 FT.	CABLE	
3-422-3641A05	CABLE-CMHD OUTPUT,12.5FT	CABLE	
3-422-3662A03	CABLE A2100 / DRIVE 6FT	CABLE	
3-422-3662A04	CABLE A2100 / DRIVE 9FT	CABLE	
3-422-3672A01	CABLE-A2100 / MOTOR 2M	CABLE	
3-422-3672A02	CABLE-A2100 / MOTOR 3M	CABLE	
3-422-3672A03	CABLE-A2100 / MOTOR 4M	CABLE	
3-422-3672A04	CABLE-A2100 / MOTOR 5M	CABLE	
3-422-3672A05	CABLE-A2100 / MOTOR 6M	CABLE	
3-422-3677A	ENCODER POWER SUPPLY CABLE	CABLE	

3-422-3703A01	CABLE-FLAT PAN.OSA,25FT	CABLE	
3-422-3703A02	CABLE-FLAT PAN.OSA,16.4F	CABLE	
3-422-3703A03	CABLE-FLAT PAN.OSA,21.3F	CABLE	
3-422-3703A04	CABLE-FLAT PAN.OSA,50FT	CABLE	
3-422-3703A05	CABLE-FLAT PANEL OSA,3FT (STRAIGHT CONNECTORS)	CABLE	
3-422-3744A01	CABLE-PCA/PENDANT 5 FT.(3RD/4TH GEN)	CABLE	
3-422-3744A02	CABLE-PCA/PENDANT 10FT.(3RD/4TH GEN)	CABLE	
3-422-3744A03	CABLE-PCA/PENDANT 15FT.(3RD/4TH GEN)	CABLE	
3-422-3744A04	CABLE-PCA/PENDANT 20FT.(3RD/4TH GEN)	CABLE	
3-422-3744A05	CABLE-PCA/PENDANT 25 FT.(3RD/4TH GEN)	CABLE	
3-422-3744A06	CABLE-PCA/PENDANT 30FT.(3RD/4TH GEN)	CABLE	
3-422-3744A07	CABLE-PCA/PENDANT 35FT.(3RD/4TH GEN)	CABLE	
3-422-3744A08	CABLE-PCA/PENDANT 40FT.(3RD/4TH GEN)	CABLE	
3-422-3744A09	CABLE-PCA/PENDANT 45FT.(3RD/4TH GEN)	CABLE	
3-422-3744A10	CABLE-PCA/PENDANT 50FT.(3RD/4TH GEN)	CABLE	
3-422-3810A	CABLE-FLAT PANEL OSA, 90DEG CONN, CHARTED LENGTH	CABLE	
3-422-3958A	CABLE-OEM SERVO W/ENC PWR, CHARTED LENGTH	CABLE	
3-422-3959A	CABLE-OEM SERVO W/O ENC PWR, CHARTED LENGTH	CABLE	
3-422-3514A	CABLE - DVXL CONVENTIONAL SERVO PLUG	TEST CABLE	
3-422-3666A	CABLE - DSC SERVO PLUG - ANALOG	TEST CABLE	
3-422-3667A	CABLE - DSC SERVO PLUG - DIGITAL	TEST CABLE	
	Floppy Drives		
3-424-2128A	Floppy Drive Assembly _ 1.44 MByte, 8ft	FLOPPY DRIVE	
3-424-2128A01	Floppy Drive Assembly _ 1.44 MByte, 30ft	FLOPPY DRIVE	
3-424-2128A02	Floppy Drive Assembly _ 1.44 MByte, 4ft	FLOPPY DRIVE	
3-424-2128A03	Floppy Drive Assembly _ 1.44 MByte, 10ft	FLOPPY DRIVE	
3-424-2128A04	Floppy Drive Assembly "Gray" _ 1.44 MByte, 10ft	FLOPPY DRIVE	
3-424-2128A05	Floppy Drive Assembly "Gray" _ 1.44 MByte, 4ft	FLOPPY DRIVE	
3-424-2182A	Portable Floppy Drive Assy _ 1.44 MByte, 8ft.	FLOPPY DRIVE	
	Hard Drives		

3-424-2174A001	Hard Drive Assembly _ 540 MB	HARD DRIVE	DNE only _ Purchase 3-424-2383A02
3-424-2174A011	Hard Drive Assembly _ 640 MB	HARD DRIVE	DNE only _ Purchase 3-424-2383A02
3-424-2174A021	Hard Drive Assembly _ 1.6 GB	HARD DRIVE	DNE only _ Purchase 3-424-2383A02
3-424-2352A	Hard Drive Assembly 1.6 GB	HARD DRIVE	DNE only _ Purchase 3-424-2383A02
3-424-2383A	Hard Drive assembly _ 10.2 GB	HARD DRIVE	DNE only _ Purchase 3-424-2383A02
3-424-2383A01	Hard Drive Assembly 10.2 GB	HARD DRIVE	
3-424-2383A02	Hard Drive Assembly _ 2.1 GB	HARD DRIVE	Hardware compliant with ALL A2100s
	I/O		
3-424-2076A	ASSY-CARD CAGE I/O 16 SLOT	I/O - CM	
3-424-2079A	ASSY-CARD CAGE I/O 8 SLOT	I/O - CM	
3-542-1074A	PCB - CMACI - AC IN	I/O - CM	
3-542-1135A	PCB - CMRCO - RELAY CONTACT OUT	I/O - CM	
3-542-1177A	PCB - CMACO - AC OUT	I/O - CM	
3-542-1194A	PCB - CMDCI - DC IN	I/O - CM	
3-542-1292A	PCB - CMDCO - DC OUT	I/O - CM	
3-542-1303A	PCB - CMIBA II - BUS ADAPTER	I/O - CM	
3-542-1361A	PCB - CMTCI - THERMOCOUPLE INTERFACE	I/O - CM	
3-545-1027A	ASSEM-SINGLE BRICK I/O	I/O - SMART BRICK	No Exchanges _ Purchase 3-545-1058A
3-545-1028A	ASSEM-DOUBLE BRICK I/O	I/O - SMART BRICK	No Exchanges _ Purchase 3-545-1059A
3-545-1041A	ASSEM-TRIPLE BRICK I/O	I/O - SMART BRICK	No Exchanges _ Purchase 3-545-1060A
3-545-1049A	ASSEM-QUAD BRICK I/O II	I/O - SMART BRICK	No Exchanges _ Purchase 3-545-1061A
3-545-1058A	ASSEM-SINGL BRICK I/O 3	I/O - SMART BRICK	
3-545-1059A	ASSEM-DOUBL BRICK I/O 3	I/O - SMART BRICK	
3-545-1060A	ASSEM-TRIPL BRICK I/O 3	I/O - SMART BRICK	
3-545-1061A	ASSEM-QUAD BRICK I/O 3	I/O - SMART BRICK	
3-542-1300A	PCB-PARA I/O,DIG. (HIPI)	PCB	
3-542-1338A	PCB-C.M.HI DEN. (CMHD)	PCB	
3-542-1429A	CMHDL I/O board (Digital package)		
3-542-1237A	HIPI board (Serial & Parallel - Digital package)		
3-542-1300A	HIPI board (Parallel only - Digital package)		
3-542-1378A	PCB-2 AXIS CONVENTIONAL SERVO (DV2L)	PCB	
3-542-1404A	PCB-HSSL + PARALLEL I/O LONG DB (HIPI)	PCB	
3-542-1412A	PCB-DIG.SERVO CONT.,DSC2	PCB	
3-542-1429A	PCB-CIN.MIL.HI.DEN.LONG,(CMHDL)	PCB	

3-542-1445A	PCB-DIG SERO CONT(DSC3)	PCB	
3-545-1055A	DIG. SERVO CONT. + SFIA	PCB	
3-545-1056A	DIG. SERVO CONT. + SFID	PCB	
3-545-1062A	PCB DSC3 + SFIA	PCB	
3-545-1063A	PCB DSC3 + SFID	PCB	
3-542-1352A	PCB-7 AXIS CONVENTIONAL SERVO (DV7L)	PCB	
	Misc Materials		
1-525-1265A	Keyboard Assembly 101 w/touchpad		DNE Only _ Purchase 1-525-1372
1-525-1308A	Keyboard Assembly 101 w/touchpad "Keytronics"		DNE Only _ Purchase 1-525-1372
1-525-1372	Keyboard Assembly with Touchpad		
1-640-0184	MODEM 33.6K INTERNAL ISA	PCB	
3-533-1043G	MODULE-ETHERNET 16C/PROG, DNU - USE 3-533-1105G	PCB	
3-424-2271A	ENCODER POWER SUPPLY	POWER SUPPLY	
3-424-2309A	300W POWER SUPPLY ASSEMBLY	POWER SUPPLY	
	Processor Control Assembly "PCA"		
3-542-1290A	PCB-BRIDGE BD R/T (BBR)	PCB	
3-542-1353A	BRIDGE BOARD WORKSTATION - BBW	PCB	
3-542-1279A	PCB-SIEMENS 2 AMPL INTF	PCB SIEMENS DRIVE	
3-542-1280A	PCB-SIEMENS 1 AMPL INTF	PCB SIEMENS DRIVE	
1-530-0058	KNOB-BLK W/WHT LINE	PENDANT	
	Pendant Assemblies		
3-424-2249A	TC Panel Assy _ ISO legends quill 3rd. generation	PANEL	
3-424-2250A	TC Panel Assy _ English legends quill 3rd. generation	PANEL	
3-424-2282A	VMC Panel Assy _ English 3rd. generation	PANEL	
3-424-2330A	VMC Panel Assy English 4th generation	PANEL	
3-424-2331A	TC Panel Assy ISO legends quill 4th generation	PANEL	
3-424-2332A	TC Panel Assy English legends quill 4th generation	PANEL	
3-424-2251A02	TC Pendant Assy _ English legends 10ft +W 3rd. generation	PENDANT	
3-424-2252A02	TC Pendant Assy _ ISO legends 10ft +W 3rd. generation	PENDANT	
3-424-2301A	VTC Pendant Assy English legends 10ft 3rd generation	PENDANT	
3-424-2301A01	VTC Pendant Assy English legends 25ft 3rd generation	PENDANT	
3-424-2333A02	TC Pendant Assy English legends 10ft +W 4th generation	PENDANT	

3-424-2334A02	TC Pendant Assy ISO legends 10ft +W 4th generation	PENDANT	
3-424-2350A	TC Pendant Assy English legends 8ft quill 4th generation	PENDANT	
3-424-2350A01	TC Pendant Assy English legends 25ft quill 4th generation	PENDANT	
3-424-2350A02	TC Pendant Assy English legends 8ft s/spdl 4th generation	PENDANT	
3-424-2351A	VTC Pendant Assy English legends 10ft 4th generation	PENDANT	
3-424-2351A01	VTC Pendant Assy English legends 25ft 4th generation	PENDANT	
3-424-2370A02	TC Pendant Assy English legends 12ft C-axis 4th generation	PENDANT	
3-424-2385A	TC Pendant Assy English legend 25ft QUILL, Front Tool	PENDANT	
3-424-2226A	VMC Pendant Assy _ ISO legends 8ft 3rd. generation	PENDANT	
3-424-2226A01	VMC Pendant Assy _ ISO legends 25ft 3rd. generation	PENDANT	
3-424-2227A	VMC Pendant Assy _ English legends 8ft 3rd. generation	PENDANT	
3-424-2227A01	VMC Pendant Assy _ English legends 25ft 3rd. generation	PENDANT	
3-424-2228A	HMC Pendant Assy _ English legends 8ft 3rd. generation	PENDANT	
3-424-2228A01	HMC Pendant Assy _ English legends 25ft 3rd. generation	PENDANT	
3-424-2228A02	HMC Pendant Assy _ English legends 12ft 3rd. generation	PENDANT	
3-424-2229A	HMC Pendant Assy _ ISO legends 8ft 3rd. generation	PENDANT	
3-424-2288A01	HMC Pendant Assy _ English legends 25ft, +W 4th. generation	PENDANT	
3-424-2325A	VMC Pendant Assy ISO legends 8ft 4th generation	PENDANT	
3-424-2325A01	VMC Pendant Assy ISO legends 25ft 4th generation	PENDANT	
3-424-2326A	VMC Pendant Assy English legends 8ft 4th generation	PENDANT	
3-424-2326A01	VMC Pendant Assy English legends 25ft 4th generation	PENDANT	
3-424-2327A	HMC Pendant Assy English legends 8ft 4th generation	PENDANT	
3-424-2327A01	HMC Pendant Assy English legends 25ft 4th generation	PENDANT	
3-424-2327A02	HMC Pendant Assy English legends 12ft 4th generation	PENDANT	
3-424-2328A	HMC Pendant Assy ISO legends 8ft 4th generation	PENDANT	

3-424-2328A02	HMC Pendant Assy ISO legends 12ft 4th generation	PENDANT	
	RTCPU		
3-424-2292A	ASSY-R/T CPU CHASSIS (P166,16MB)	RT ASSY	DNE Only - Purchase 3-424-2413A
3-424-2308A	ASSEMBLY-W/S CARD CAGE, W/300W PS	WS ASSY	DNE Only - Purchase 3-424-2413A
3-424-2310A	ASSEMBLY-R/T CARD CAGE, (P166,8MB)	RT ASSY	DNE Only - Purchase 3-424-2413A
3-424-2312A	ASSEMBLY-R/T CARD CAGE,(P166,16MB)	RT ASSY	DNE Only - Purchase 3-424-2413A
3-424-2413A	ASSEMBLY T.R CARD CAGE	RT ASSY	
	WSCPU LVDS		
3-424-2276A	WSCPU _ 5x86-133 16MB Forcom,LCD CMOS	WSCPU	DNE Only - Purchase 3-424-2283A02/3-424-2290A02/3-424-2374A02
3-424-2283A	WSCPU _ P5-100 & 133 32MB Intel Rhin, LCD,ATI264	WSCPU	DNE Only - Purchase 3-424-2283A02/3-424-2290A02/3-424-2374A02
3-424-2283A01	WSCPU _ P5-133 32MB Intel Rhine,LCD, ATI264,USB (Analog & Digital)	WSCPU	DNE Only - Purchase 3-424-2283A02/3-424-2290A02/3-424-2374A02
3-424-2283A02	WSCPU _ P5-200 32MB Smart, LCD, ATI264,USB (needs at least R2.34) Std for R3	WSCPU	Superseeded by 3-424-2290A02
3-424-2289A	WSCPU _ 5x86-133 32MB Forcom,LCD CMOS	WSCPU	DNE Only - Purchase 3-424-2283A02/3-424-2290A02/3-424-2374A02
3-424-2290A	WSCPU _ P5-200 96MB Intel Rhine,LCD, ATI264,USB	WSCPU	DNE Only - Purchase 3-424-2283A02/3-424-2290A02/3-424-2374A02
3-424-2290A02	WSCPU _ P5-200 64MB Smart, LVDS, LCD, C&T (needs at least R2.34) Std for R4	WSCPU	Superseeded by 3-424-2374A02
3-424-2374A02	WSCPU _ K6/2-333 128 MB Smart, LVDS, LCD, C&T (needs at least R2.34) High performance for R3 / R4.	WSCPU	

850 / 850(SX)

Item Number	Description	Comment	Notes
1-210-1902	CONNECTOR	25 POSITION	
1-210-1905	CONNECTOR-PIN	PIN 24/25	
1-210-2598	CONNECTOR	15 POSITION	
1-210-2600	CONNECTOR-PIN	22 DISCRETE	
1-236-0010	FAN	MUFFIN FAN	
1-236-0092	FAN	TUBEAXIAL BALL BRNG	
1-370-6017	FILTER		
1-627-2135	POT	CERMET 1K	
1-627-2136	POT	CERMET 1K	
1-635-0178	POWER SUPPLY	LINEAR	
1-635-0179	POWER SUPPLY		
1-635-0180A	POWER SUPPLY		
1-795-9096	SWITCH		
1-795-9101	LENS	GREEN	
1-855-0039	THERMOSTAT 130F/140F		
1-860-1178001RO	ONU TMR	GE#CR7XTA1	
3-422-2908A	CABLE NCP TO GRAP		
3-422-3077A	JUMPER PLUG	ANALOG SERVO LOOPBACK	
3-422-3154A	JUMPER PLUG	DIGITAL SERVO LOOPBACK	
3-422-3225A	64 PIN RIBBON	RIPT TO RSTB	
3-422-3234A	JUMPER PLUG	SERVO DIGITAL INPUT TO HANDWHEEL IPBK	
3-422-3235A	JUMPER PLUG	SERVO DIGITAL INPUT LOOPBACK	
3-422-3236A	JUMPER PLUG	SERVO RESOLVER INPUT LOOPBACK	
3-422-3244A	CABLE	SERIAL LINK 10 FT.	
3-422-3245A	CABLE	SERIAL LINK 25 FT.	
3-422-3246A	CABLE	SERIAL LINK 50 FT.	
3-422-3254A	JUMPER PLUG	SERVO DIGITAL LOOPBACK	
3-422-3259A	JUMPER PLUG	OUTPUT PWM CHANNEL LOOPBACK	
3-422-3269A	CABLE	HANDWHEEL (PCA/CAB)	
3-422-3362A	10 PIN RIBBON	IDS/SUMP TO DSTB	
3-424-0121G	OPI BOARD		
3-424-0946A	PB PANEL	AT LATHE	
3-424-1890A	CARD CAGE	16 I/O	
3-424-1945A	POWER SUPPLY	(PHAN)	
3-424-2020A	OP STATION	AMBER CRT ASSEMBLY	
3-424-2021A	OP STATION	COLOR CRT ASSEMBLY	
3-424-2026A	OP STATION	MONOCHOME CRT ASSEMBLY	NO MONOCHOME AVAILABLE
3-424-2030A	CARD CAGE	PCA	
3-424-2036A	SMART 8 I/O		
3-424-2037A	POWER SUPPLY	PCA ASSY.	
3-424-2039A	OP. STATION	COLOR; NO MTB PB'S , LEFT SIDE	

3-424-2040A	POWER SUPPLY	FOR OP. STATION ASSY.	
3-424-2078A	PENDANT	HANDWHEEL	
3-424-2092A	RESOLVER AMP		
3-424-2116A	RESOLVER ASSY.	SERIES 99	CONTACT UNOVA LAMB
3-525-0987A	PANEL	MTB - 208 TC	
3-525-0994A	PANEL	POT/METER-SABRE	
3-525-0996A	PANEL	POT/METER-SABRE	
3-531-1081A	RIPT	IDS	
3-531-3844A	MOTHER BOARD	I/O	
3-531-3891A	DCI		
3-531-3957A	TCI		
3-531-4030A	IBA		
3-531-4370A	APC	CM I/O	
3-531-4573A	POWER SUPPLY BOARD		
3-531-4608A	IDS BACKPLANE		
3-531-4637A	DIBA		
3-533-0879G	DSP	IDS	
3-533-0905G	NIBA		
3-533-0906G	SIBA		
3-533-0907G	OSP		
3-533-0908G	MMC	LOAD W/OPTIONS & MCL	
3-533-0XXXG	NCP BOARDS	WITH NUMEROUS BUBBLE AND RAM-ROM; EXT. MEMORY BOARDS	ALL DNE'S; CALL FOR INFO
3-542-1014A	DAMP		
3-542-1015A	DUMP	NEW (3-542-1142A)	
3-542-1016A	DIMP		
3-542-1018A	PCA	BACKPLANE	
3-542-1021A	AIM	ATTACHED TO DUMP BOARD	
3-542-1022A	DIM	ATTACHED TO DUMP BOARD	
3-542-1026A	SACO		
3-542-1029A	SDCI		
3-542-1054A	DCI	USE A 3-542-1194A	
3-542-1060A	SRCO	SABRE LINE	
3-542-1118A	SUMP	IDS	
3-542-1134A	CMIBA		
3-542-1135A	CMRCO	REV A; NO REPAIR	
3-542-1142A	DUMP		
3-542-1144A	1.25 MB CARD	BASE OR STORE	
3-542-1145A	MMC	LOAD W/OPTIONS & MCL	
3-542-1169A	SRCO		
3-542-1171A	DAMP	IDS	
3-542-1172A	DIMP	IDS	
3-542-1174A	MMC	LOAD W/OPTIONS & MCL	
3-542-1187A	DIMP 3		
3-711-2611G	1 MB CARD	BASE OR MCL	
3-711-2612G	256 KB CARD	MCL	
3-711-2615G	OPTION CARD	ONE TIME USE ONLY	

3-711-2657G	OP STATION	AVENGER; WITH TURRET JOG PB	
3-711-2666G	OP. STATION	SABRE; W/O LOAD METER; HAS DRAWBAR PB.	NO MONOCHROME AVAILABLE
3-711-2699G	OP. STATION	SABRE;WITH LOAD METER IN UPPER LEFT CORNER	
3-711-2700G	OP STATION	AVENGER;TWO POTS, NO LOAD METER IN UPPER LEFT CORNER	
3-711-2704G	DIMP	IDS	
4-424-0519A	SECTOR MASTER		
4-531-0127A	COMM BOARD		
4-531-0128A	AC I/O BOARD		
4-531-0129A	POWER BOARD		
4-531-0148A	D I/O MOTHER BD		
4-531-9241A	DCI BOARD		
7-000-0690 MA	MANUAL-MAINT.	OLD STYLE	
7-000-0801 PM	MANUAL	SHOP FLOOR PROGRAM	
7-000-0802XXX	OPTIONS - MC		
7-000-0803XXX	OPTIONS - TC		
7-000-0879 CR	MANUAL - MAINT.	NEW STYLE W/POTS.	

Acramatic® 900 Parts Listing

Item Number	Description	
1-236-0043	MUFFIN FAN	
1-236-0055	4000 BTU/HR	
1-236-0056	4000 BTU/AR	
1-236-0057	2000 BTU/AR	
1-312-1098001	CRT, 12 MONITOR; 12.6VAC	
1-370-0033	DEEP PLEATE	
1-400-1022	FUSE 1/2 A	
1-400-1030	FUSE 1A	
1-400-1039	FUSE 2A	
1-400-1044	FUSE 3A	
1-400-1048	FUSE 4A	
1-400-1051	FUSE 5A	
1-400-1060	FUSE 8A	
1-485-1003	CABLE HOLDER	
1-485-3304	FUSE HOLDER	
1-485-3315	FUSE HOLDER	
1-525-0597	KEYBOARD ELECT 30 POS	Not available see 3-525-0853A
1-635-0090	PWR SUP OUT:+24V@2.3A	
1-635-0098	5VC OPERATOR PANEL ASSY	
1-635-0118	PWR SUP SW OUT:MULT 900	
1-672-1004008	S/P BOARD LOW VOLTAGE CI	
1-672-1011600	AIR INLET	
1-672-1011601	AIR INLET	
1-695-0073	POT CO 5 OHM 10% .5W	
1-855-0016	THERMOSTAT 85F/140F (20F)	Thermostat
1-855-0037	120F/130F (AUT)	Thermostat
3-405-0007A	ASSY-IMPEDANCE TOROIDS	
3-405-0011A	ASSY-IMP. TOROIDS T10 B	
3-405-4053A	ASSY-AMPLIFIER FARRAND	
3-422-1656A	CABLE, DSK/2000, 3 INCHE	
3-422-2442A	CABLE- KEYBOARD	
3-422-2572A	CABLE-SERIAL COMM ACRA 9	
3-422-2573A	CABLE-SERIAL INTERFACE	
3-422-2651A	MINI MISER TO 101-9	
3-422-2778A	CABLE-TAPE READER11.75 L	
3-424-1814A	CPU ASSEMBLY	
3-424-1825A	S.H. ASSEMBLY	
3-424-1826A	ASSY-MP86 CARD CAGE(SH)	
3-424-1830A	GFCI PANEL	
3-424-1833A	ASSEMBLY - ROS PWR.SUPPL	
3-424-1869A	5-033-2244 MINIMISER	900 Chassis
3-424-1870A	3-424-1902A REPLACES	
3-424-1872A	ASSEM-DC PWR DISTRIBUTIO	
3-424-1900A	ASSEMBLY-CRT MODULE 91N.	Limited repair available.

3-424-1902A	BATT. BACKUP 900V2	
3-424-1948A		
3-425-0118A	ACRAREAD LS READER	
3-525-0853A	PANEL ASSY 900	Vers.1 - 12" operator panel
3-525-0876A	HEALD MEMBRANE PANEL ASSY	
3-525-0886A	5VC OPERATOR PANEL ASSY	
3-525-0889A	MEM PANEL T10 NO TORQUE	
3-525-0908A	T10 OPER PAN W/TCI	
3-525-0909A	T10 OPER PAN WO/TCI	
3-525-0932A	HEALD MEMBRANE PANEL ASSY	
3-526-0814L	OPT.3.5 DISKETTE-A900	8" to 3.5" floppy drive up grade kit
3-531-3281A	MODULE PC-D C I	
3-531-3282A	MODULE PC - DCO MAX 3	
3-531-3283A	AC OUTPUT (ACO)	
3-531-3284A	AC INPUT (ACI)	
3-531-3455A	SCALE AMPLIFIER /5KHZ LO	
3-531-3513A	PROCESSOR BOARD CI	See 3-533-0018G
3-531-3542A	PC-MODULE BATTERY BACKUP	
3-531-3553A	128K MEMORY BOARD	See 3-533-0014G or -0019G
3-531-3561A	MODULE PC-D C I	
3-531-3567A	I/O INTERFACE BOARD CNC	
3-531-3568A	VOC CNC 900	
3-531-3569A	3-531-4028A SUPERSEDES	
3-531-3581A	MICRO PROGRAM BOARD	3-533-0018G daughter bd.
3-531-3596A	128KX9 MEMORY EXPANSION	3-533-0014G daughter bd.
3-531-3609A	MOTHERBOARD	
3-531-3611A	PC MODULE SINE COSINE GE	
3-531-3636A	DUAL BUS PROCESSOR MULT	
3-531-3653A	SERIAL COMM INTFC	
3-531-3657A	PERIPHERAL INTERFACE CONT.	
3-531-3679A	MP86	See 3-533-0021G
3-531-3680A	MEMORY MANAGEMENT UNIT	
3-531-3697A	VOLTAGE MONITOR UNIT (VMU)	
3-531-3743A	MP86 MEMORY EXPANDER	
3-531-3746A	MM I/O DUMMY BOARD (DUM)	
3-531-3753A	3-531-4008A SUPERSEDES	
3-531-3937A	PC BD SERIAL TAPE RDR IN	
3-531-3974A	PC BD HEALD MEMBR PAN IN	
3-531-4002A	PC BD MEMORY 2 - 144K	see 3-533-0035G (V2) - 0050G (V1)
3-531-4003A	PC BD MEMORY 2 - 256K	see 3-533-0033G (V2) -0051G (V1)
3-531-4008A	PC BD MOTHERBOARD I	
3-531-4021A	PC BD 5VC OPER PANEL	
3-531-4022A	PC BD T10 OPER PANEL INT	
3-531-4028A	PC BD POS. INPUT DIGIT.	

3-531-4038A	PC BD WILM MEM PANEL INT	
3-531-4066A	PC BD BBU HI CURRENT 12V	
3-531-4083A	PC BD PID 2 VOC	
3-531-4084A	PC BD POWER SINE COSINE	
3-531-4090A	PC BD. SERIAL KYBD. INTERFACE	
3-531-4170A	PC BD. CONTACT PARALLEL	
3-531-4171A	PC BD. LOGIC PROCESSOR I	
3-531-4221A(A)	PC BD. MEM III 256K	Use 3-533-0170G or 3-533-0476G
3-531-4222A(A)	PC BD. MEM III 512K	Use 3-533-0242G or 3-533-0477G
3-531-4223A(A)	PC BD. MEM III 1024K	Use 3-533-0889G or 3-533-0890G
3-531-4264A	PC BD DIG SL FEEDBACK	
3-533-0014G	MODULE-MEMORY 256KX9 SER	
3-533-0018G	MODULE-3440 PROCESSOR AC	
3-533-0019G	MODULE-MEMORY 128KX9 34	
3-533-0021G	P.C. BOARD- MP86 3-53	
3-533-0033G	256K X 9 MEMORY 900 V2	
3-533-0035G	144 K X 9 MEMORY A900 V2	
3-533-0049G	MODULE-SRP EPROM 900 V2	
3-533-0050G	144 K X 9 MEMORY A900 V1	
3-533-0051G	256 K X 9 MEMORY A900 V1	
3-533-0055G	400 K X 9 MEMORY A900 V1	2 board set
3-533-0056G	MODULE MEMORY 512K X 9 A	2 board set
3-533-0078G	NOT AVAIL BUBBLE MEM	
3-533-0081G	TCP DC SPINDLE	
3-533-0132G	MODULE-FLOPPY CONTROLLER	
3-533-0170G	256K MEMORY III 900 V2	
3-533-0242G	512K MEMORY III 900 V2	
3-533-0314G	TORQUE MODULE AC SPINDLE	
3-533-0476G	PCB- MEM III, 256KX9 V1	
3-533-0477G	512K MEMORY III 900 V1	
3-533-0889G	MEMORY III - 1024K V1	
3-533-0890G	MEMORY III - 1024K V2	
3-635-0118A	ASS'Y POWER SUP-MAIN ACR	
3-711-1982G	MOD.- BATT.BACKUP BC	
3-711-2079G	MOD-BATT BACKUP 24 HR	
4-531-3009A	SERVO AMPLIFIER BD AC	
4-702-0046A	ACRAREAD (300 LPS DC-5)	
4-702-0048A	ACRAREAD 1000 READER	
7-000-0494MA	MAN.SERIAL INTERFACE-900	
For 900 MTB panels (3-525-0xxxA) call for repairability, some overlays no longer available.		
Software recuts available - call for more information		

3-525-0814L	3.5 floppy available for Vers.2 MC w/no AWC pallets.	

Acramatic 950 Control

PCA Boards

Part Number	Description	Notes	Requirements/Other
3-531-4158A	CGPT	Obsolete, CVC replaces this & CTPT	Version 1 Motherboards only
3-531-4159A	FCC		
3-531-4163A	SV2 With Pots	Obsolete, use 4423A	Used in A750
3-531-4265A	512K GRAM		
3-531-4266A	1MEG GRAM	required for A950MC Rel 3	
3-531-4402A	SOH		
3-531-4423A	SV2 No Pots		
3-533-0260G	APCIM		
3-533-0339G	CTPT	Obsolete, CVC replaces this & CGPT	Version 1 Motherboards only
3-533-0441G	DV2		
3-533-0522G	BOH		
3-533-0527G	WIFI		
3-533-0660G	APC-16 (128K)		
3-533-0712G	APC-16 (256K)		
3-533-0768G	WIFI 2 (128K)		MC Rel 2m2, TC Rel 1.1m3, STB 2.1m4
3-533-0769G	WIFI 2 (256K)		MC Rel 2m2, TC Rel 1.1m3, STB 2.1m4
3-533-0780G	CVC	Replaces CTPT & CGPT	MC Rel 1m7, TC Rel 1.1m0, STB 1.6?
3-533-0879G	DSP (.5 MSEC)	40 MHZ	Ver 3
3-533-0963G	DSP (1 MSEC)		Ver 3
3-542-1243A	DSP2	Used on Magnum & Model C Maxims	Ver 3, Rel 3.1m7 or 3.2m0, STB 5.3
3-542-1037A	RSTB	Resolver Signal Terminal Board	Ver 3
3-542-1043A	DSTB	Digital Signal Terminal Board	Ver 3
3-542-1061A	DIGIN 0	Probe/Handwheel only	Ver 3
3-542-1062A	DIGIN 1	Probe/Handwheel, 1 digital input	Ver 3
3-542-1063A	DIGIN 2	Probe/Handwheel, 2 digital Inputs	Ver 3
3-542-1064A	DIGIN 3	Probe/Handwheel, 3 digital Inputs	Ver 3
3-542-1065A	DIGIN 4	Probe/Handwheel, 4 digital Inputs	Ver 3
3-542-1066A	DIGIN 5	Probe/Handwheel, 5 digital Inputs	Ver 3
3-542-1067A	DIGIN 6	Probe/Handwheel, 6 digital Inputs	Ver 3
3-542-1068A	DIGIN 7	Probe/Handwheel, 7 digital Inputs	Ver 3
3-542-1097A	DIGIN 8	Probe/Handwheel, 8 digital Inputs	Ver 3
3-542-1077A	RIPT	4PWM, 4FEEDBACK, 4ALIGN, 2DC	Ver 3
3-542-1078A	RIPT	4PWM, 2FEEDBACK, 0ALIGN, 1DC	Ver 3
3-542-1079A	RIPT	4PWM, 2FEEDBACK, 2ALIGN, 2DC	Ver 3
3-542-1080A	RIPT	2PWM, 0FEEDBACK, 0ALIGN, 0DC	Ver 3
3-542-1081A	RIPT	2PWM, 2FEEDBACK, 0ALIGN, 1DC	Ver 3

3-542-1126A	WIFI 3	Supports 1.44 Meg Floppy Drives	MC R2m7/R3.1m2a, TC 2.1m4, STB 3.2m1
3-542-1190A	WIFI 4	Supports IDE Hard Drives	MC R2m8/R3m5, TC 2.1m5, STB 5.0m0
CPU's			
Part Number	Description	Notes	Requirements/Other
3-533-0341G	SCPU	8 Mhz 32Kb 80186	MC pre Rel 2.0m6a, TC pre Rel 2.1m2
3-533-0342G	MCPU	8 Mhz 512Kb 80186	
3-533-0432G	MCPU	8 Mhz 512Kb 80186 NPX	
3-533-0708G	GCPU	16 Mhz 64Kb 80c186	
3-533-0709G	GCPU	16 Mhz 128Kb 80c186	MC Rel 1.0m7f
3-533-0710G	GCPU	16 Mhz 256Kb 80c186	MC Rel 1.0m7f
3-533-0711G	GCPU	16 Mhz 512Kb 80c186 NPX	MC Rel 1.0m7f
3-533-0783G	LCPU	16 Mhz 512Kb 386 NPX	MC Rel 1.0m7f, not compatible with SXCPU's?
3-533-0788G	LCPU	16 Mhz 1 Meg 386 NPX	MC Rel 1.0m7f, not compatible with SXCPU's?
3-533-0872G	SXCPU with 2s 1p	20Mhz 1Mb 386SX - 1000A replaces	superceded by 1000 series
3-533-0876G	SXCPU with 2s 1p	20Mhz 1Mb 386SX NPX -1001A repl	superceded by 1000 series
3-533-0942G	SXCPU	20Mhz 1Mb 386SX - 1000A replaces	superceded by 1000 series
3-533-0943G	SXCPU	20Mhz 1Mb 386SX NPX - 1001A repl	superceded by 1000 series
3-533-0944G	SXCPU with 2s 1p	20Mhz 4Mb 386SX NPX - 1003A repl	superceded by 1000 series
3-533-0971G	SXCPU	20Mhz 2Mb 386SX NPX - 1001A repl	superceded by 1000 series
3-545-1000A	SXCPU2 w/ 2s 1p	20Mhz 2Mb 386SX	MC Rel 2.0m5, TC 2.0m0, STB 2.2m0
3-545-1001A	SXCPU2 w/ 2s 1p	20Mhz 2Mb 386SX NPX	MC Rel 2.0m5, TC 2.0m0, STB 2.2m0
3-545-1002A	SXCPU2 w/ 2s 1p	20Mhz 2Mb 386SX with SLINK	MC Rel 2.0m5, TC 2.0m0, STB 2.2m0
3-545-1003A	SXCPU2 w/ 2s 1p	20Mhz 4Mb 386SX NPX	MC Rel 2.0m5, TC 2.0m0, STB 2.2m0
3-542-1048A	SLINK	HSSL module for 1000 series	HSSL interface to CMIBA or SBIBA
PCA's			
Part Number	Description	Notes	Requirements/Other
3-424-1979A	Version 1	3-531-4150A Backplane	
3-424-2023A	Version 2	3-531-4539A Backplane	
3-424-2034A	IDS Version 3	3-531-4558A Backplane	1 DSTB, 1 RSTB
3-424-2118A	IDS Version 3 - FI	3-531-4558A Backplane	1 RSTB only (Economy Maxim)
Operator Stations			
Part Number	Description	Notes	Requirements/Other
3-424-1978A	OSA with TSKI	1/2 height Kbd, superceded by 2045	
3-424-2045A	OSA with TSKI	Full height Kbd	
3-533-0346G	TSKI		
3-424-2025A	OSA with SSKI	Surface Acoustic Wave Touch Screen	Used with DOS Finger Mouse
3-533-0911G	SSKI	SAW Screen Interface	Adds Analog inputs for MC Rel 3.0, TC Rel 2.0

1-525-1090-001	SAW Board	Located in PS Drawer	
3-424-2026A	OSA with RSKI	Resistive Touch Screen	No Finger Mouse
3-533-0941G	RSKI		Adds Analog inputs for MC Rel 3.0, TC Rel 2.0
I/O Boards			
Part Number	Description	Notes	Requirements/Other
3-531-3839A	ACO 110Volt		APC I/O
3-531-4277A	ACO 220 Volt		APC I/O
3-531-3855A	ACI 110 Volt		APC I/O
3-531-4276A	ACI 220 Volt		APC I/O
3-531-3878A	RCO	superceded by RCO II	APC I/O
3-531-4262A	RCO II		APC I/O
3-531-3891A	DCI		APC I/O
3-531-3972A	DCO		APC I/O
3-531-3916A	ADC (0-5 Volt)		APC I/O
3-531-4159A	RSIO		APC I/O
3-531-4370A	IBA		APC I/O
3-700-0185A	TCM 850/950	USA model, replaces 4-424-0604A	APC I/O
3-424-1849A	APC I/O Rack		APC I/O
3-542-1054A	CMDCI	superceded by 1194A	CM I/O
3-542-1074A	CMACI	superceded by 1228A	CM I/O
3-542-1075A	CMACO	superceded by 1177A	CM I/O
3-542-1116A	CMAIN		CM I/O
3-542-1132A	CMDCO	superceded by 1173A	CM I/O
3-542-1133A	CMTCM		CM I/O
3-542-1134A	CMIBA	superceded by 1303A	CM I/O - SLINK in PCA
3-542-1135A	CMRCO		CM I/O
3-542-1173A	CMDCO	superceded by 1214A	CM I/O
3-542-1177A	CMACO		CM I/O
3-542-1194A	CMDCI		CM I/O
3-542-1198A	CMTCI	superceded by 1265A	CM I/O
3-542-1214A	CMDCO	superceded by 1292A	CM I/O
3-542-1228A	CMACI		CM I/O
3-542-1292A	CMDCO		CM I/O
3-542-1265A	CMTCI		CM I/O
3-542-1303A	CMIBA II		CM I/O - SLINK in PCA
3-424-2079A	CM I/O Rack	8 slot (never used on A950 app's)	CM I/O
3-542-1127A	CM Backplane 8	8 slot (never used on A950 app's)	CM I/O
3-424-2076A	CM I/O Rack	16 slot	CM I/O
3-542-1128A	CM Backplane 16	16 slot	CM I/O
3-542-1225A	SBIBA		Smart Brick I/O - SLINK in PCA
3-542-1368A	SBIBA II		Smart Brick I/O - SLINK in PCA
3-542-1226A	SBDCI	16 inputs	Smart Brick I/O
3-542-1227A	SBDCO	8 outputs - 1296A supercedes	Smart Brick I/O
3-542-1296A	NBDCO	8 outputs	Smart Brick I/O
3-542-1427A	NBDCO II	CE Version, 8 outputs	Smart Brick I/O
3-542-1428A	SBDCI	CE Version, 16 Inputs	Smart Brick I/O

3-545-1013A	Smart Brick # 3	16in 8out(SBDCO) - 1025A replaces	Smart Brick I/O - SLINK in PCA, Superceded by 3-545-1044A W/ 3-526-1024K
3-545-1016A	Smart Brick # 6	32in 16out(SBDCO) - 1026A replaces	Smart Brick I/O - SLINK in PCA, Superceded by 3-545-1045A W/ 3-526-1024K
3-545-1025A	Smart Brick # 3	16in 8out(NBDCO)	Smart Brick I/O - SLINK in PCA, Superceded by 3-545-1044A W/ 3-526-1024K
3-545-1026A	Smart Brick # 6	32in 16out(NBDCO)	Smart Brick I/O - SLINK in PCA, Superceded by 3-545-1045A W/ 3-526-1024K
3-545-1027A	Smart Brick I/O	16in 8out(NBDCO)	Smart Brick I/O - SLINK in PCA
3-545-1028A	Smart Brick I/O	32in 16out(NBDCO)	Smart Brick I/O - SLINK in PCA
3-545-1041A	Smart Brick I/O	48in 24out(NBDCO)	Smart Brick I/O - SLINK in PCA
3-545-1044A	Smart Brick I/O II	16in 8out(NBDCO)	Smart Brick I/O - SLINK in PCA
3-545-1045A	Smart Brick I/O II	32in 16out(NBDCO)	Smart Brick I/O - SLINK in PCA
3-545-1046A	Smart Brick I/O II	48in 24out(NBDCO)	Smart Brick I/O - SLINK in PCA
3-545-1049A	Smart Brick I/O II	64in 32out(NBDCO)	Smart Brick I/O - SLINK in PCA
3-545-1058A	Smart Brick I/O III	16in 8out(NBDCO)	Smart Brick I/O - SLINK in PCA, For CE Machines
3-545-1059A	Smart Brick I/O III	32in 16out(NBDCO)	Smart Brick I/O - SLINK in PCA, For CE Machines
3-545-1060A	Smart Brick I/O III	48in 24out(NBDCO)	Smart Brick I/O - SLINK in PCA, For CE Machines
3-545-1061A	Smart Brick I/O III	64in 32out(NBDCO)	Smart Brick I/O - SLINK in PCA, For CE Machines
3-531-4431A	SPA	Scale Power Amp (level)	Inductosyn Scale Interface
3-531-4432A	SSA	Scale Signal Amp (Sin/Cos)	Inductosyn Scale Interface
Hard Drives			
Part Number	Description	Notes	Requirements/Other
3-424-1987A	20 Meg MFM	WFI-1,2,3; 1-655-6016; 3-531- 4435A	
3-424-2054A	40 Meg MFM	WFI-1,2,3; 1-655-6024; 3-531- 4435A	
3-424-2102A	170 Meg IDE	WFI-4; 1-655-6027; 3-542-1196A	MC Rel 2.0m8 or 3.1m5, TC Rel 2.1m5, STB 5.0, Use only W/ 4 Axis Restricted
3-424-2117A	210 Meg IDE	WFI-4; 1-655-6028; 3-542-1196A	Use only W/ 4 Axis Restricted
3-424-2190A	540 Meg IDE	WFI-4; 1-655-6029; 3-542-1196A	STB 5.5 (7-000-5159), WFI4 Required, May use any IDE harddrive
3-424-2190A01	640 Meg IDE	WFI-4; 1-655-6030; 3-542-1196A	STB 5.5 (7-000-5159), WFI4 Required, May use any IDE harddrive

3-424-2190A02	1.6 Gig IDE	WFI-4; 1-655-6031; 3-542-1196A	STB 5.5 (7-000-5159), WFI4 Required, May use any IDE harddrive
3-424-2190A03	10.2GB Quantum	WFI-4; 1-655-6033; 3-542-1196A	STB 5.5 (7-000-5159), WFI4 Required, May use any IDE harddrive
3-424-2190A04	10.2GB Maxtor	WFI-4; 1-655-6036; 3-542-1196A	STB 5.5 (7-000-5159), WFI4 Required, May use any IDE harddrive

Floppy Drives

Part Number	Description	Notes	Requirements/Other
3-424-1990A	720 Floppy	Large Housing;1-655-6026 Drive	3-531-4398A; Floppy disk Electronics board, Not Available Use 3-424-2089A
3-424-2088A	1.44 Meg	Small Housing;1-655-6020 Drive	3-531-4398A; Floppy disk Electronics board
3-424-2089A	1.44 Meg	Large Housing;1-655-6020 Drive	3-531-4398A; Floppy disk Electronics board

Power Supplies

Part Number	Description	Notes	Requirements/Other
1-635-0146	Analog PS +/-15V	PCA, 3.0 amp	Ver 2 and 3
1-635-0152	Analog PS +/-15V	PCA, 1.5 amp	Ver 1, Use 1-635-0146 for replacement
1-635-0165	Encoder +5V	PCA	
1-635-0166	Digital PS +5/+12v	PCA	
1-635-0172	5V 3A Switcher	OSA with TSKI	3-424-1978A & 3-424-2045A
1-635-0179	5V 14A +/-12 4A	CM I/O 16 slot	
1-635-0180A	5V 6A +/-12 3A	OSA with SSKI/RSKI, CM I/O 8 slot	3-424-2025A, 3-424-2026A, 3-424-2079A

Battery Backup

Part Number	Description	Notes	Requirements/Other
3-531-4408A	Battery Charger		Version 1 & 2
3-531-4562A	Battery Charger		Version 3
1-587-0722	Battery Pack		All Versions

Machine Station Assemblies

Part Number	Description	Notes	Requirements/Other
3-525-0967A	MTB Panel (MC)	no inserts	V2 Topchart
3-525-0969A	MTB Panel (MC)	3-525-0967A with 1-525-0960 inserts	V2 Topchart
3-525-0988A	MTB Panel	Same as 3-525-0969A	V3 Topchart
3-525-0989A	MTB Panel Maxim	no inserts - Handwheel graphics only	V3 Topchart
3-525-0992A	MTB Panel Maxim	3-525-0989A with 1-525-1199 inserts	V3 Topchart
6-100-0007	Frame MTB Panel		
3-526-0742LL	MTB Panel (Lathe)	Loose Parts	V2 Topchart
3-531-4471A	Lathe Panel PCB	included in 3-526-0742LL (loose parts)	V2 Topchart
3-531-4472A	Lathe Logic PCB	included in 3-526-0742LL (loose parts)	V2 Topchart

3-531-4476A	Lathe Isola PCB	included in 3-526-0742LL (loose parts)	V2 Topchart
Cables			
Part Number	Description	Notes	Requirements/Other
3-422-3187A	APC Data - 6ft		APC I/O
3-422-3188A	APC Data - 3ft		APC I/O
3-422-2685A	APC PWR - 3ft		APC I/O
3-422-2690A	APC PWR - 6ft		APC I/O
3-422-3192A	APC PWR - 12ft		APC I/O
3-422-3160A	FDA PWR		
3-422-3184A	FDA Data		
3-422-3244A	HSSL - 10 ft	termination jumper on I/O or OSA end	A850SX - was used on Maxim, use 3606A
3-422-3245A	HSSL - 25 ft	termination jumper on I/O or OSA end	A850SX
3-422-3246A	HSSL - 50 ft	termination jumper on I/O or OSA end	A850SX
3-422-3271A	HSSL - 9 in	replaced by 3-422-3481A (blue wire)	SLNK to PCA Bulkhead
3-422-3481A	HSSL - 9 in		SLNK to PCA Bulkhead
3-422-3527A	HSSL - 6 ft	no termination jumpers	Smart Brick
3-422-3606A	HSSL - 10 ft	termination jumper on both ends	PCA to CM I/O (Maxim)
3-422-3237AA	Output PWM - 6ft	not used	Ver 3 Ribbon Cable
3-422-3238AA	Output PWM - 8ft	not used	Ver 3 Ribbon Cable
3-422-3239AA	Output PWM - 10ft	not used	Ver 3 Ribbon Cable
3-422-3263AA	Output PWM - 12ft	used on Maxim/Magnum	Ver 3 Ribbon Cable
3-422-3264AA	Output PWM - 15ft	not used	Ver 3 Ribbon Cable
3-422-3265A	Analog Inputs	1 Channel	RSKI or SSKI OSA; MC Rel 3.0, TC Rel 2.0m0
3-422-3266A	Analog Inputs	2 Channel	RSKI or SSKI OSA; MC Rel 3.0, TC Rel 2.0m0
3-422-3267A	Analog Inputs	3 Channel	RSKI or SSKI OSA; MC Rel 3.0, TC Rel 2.0m0
3-422-3268A	Analog Inputs	4 Channel	RSKI or SSKI OSA; MC Rel 3.0, TC Rel 2.0m0
3-422-3376A	Analog Inputs	1 Channel - GE Spectra Series Pots	RSKI or SSKI OSA; MC Rel 3.0, TC Rel 2.0m0
3-422-3377A	Analog Inputs	2 Channel - Used on Maxim	RSKI or SSKI OSA; MC Rel 3.0, TC Rel 2.0m0
3-422-3378A	Analog Inputs	3 Channel - GE Spectra Series Pots	RSKI or SSKI OSA; MC Rel 3.0, TC Rel 2.0m0
3-422-3379A	Analog Inputs	4 Channel - GE Spectra Series Pots	RSKI or SSKI OSA; MC Rel 3.0, TC Rel 2.0m0
3-422-3077A	Jumper Plug	Analog Servo Loopback	Version 2 Servo - SV2
3-422-3154A	Jumper Plug	Digital Servo Loopback	Version 2 Servo - DV2
3-422-3175A	Jumper Plug	Serial Loopback - 9 pin	Tools Port
3-422-3176A	Jumper Plug	Serial Loopback - 18 pin	Aux Ports
3-422-3225A	64 pin Ribbon	RIPT to RSTB or DIGIN to DSTB	Version 3

3-422-3226A	6 pin Ribbon	J2 DIGIN to J12 DSTB for Handwheel	Version 3
3-422-3234A	Jumper Plug	Servo Digital Input to Handwheel lpbk	Version 3 Servo
3-422-3235A	Jumper Plug	Servo Digital Input Loopback	Version 3 Servo
3-422-3236A	Jumper Plug	Servo Resolver Input Loopback	Version 3 Servo
3-422-3259A	Jumper Plug	Output PWM Channel Loopback	Version 3 Servo
3-422-3260A	Jumper Plug	Output PWM to Link Status Loopback	Version 3 Servo
3-422-3013A	MSA to OSA	Ribbon Cable - 3ft	2 used on all MC MTB Membrane Panels
3-422-2688A	Exten. Cable 9 pin	Programmer to Tools Port - 10 feet	Use with 3-531-4664A adapter for PC Com Ports
3-422-2689A	Exten. Cable 9 pin	Programmer to Tools Port - 40 feet	Use with 3-531-4664A adapter for PC Com Ports
3-422-3469A	Programware	PC to Tools Port -10 feet	No adapter needed
3-422-A261A	Aux to RS-232 10ft	25 pin; A260A (5ft) thru A274A (100ft)	null modem needed for PC communication
3-422-3254A	DOS Serial	3-545-1003A headers to PCA bulkhd.	
3-422-3257A	DOS Parallel	3-545-1003A headers to PCA bulkhd.	
3-422-3328A	CMIO PS Cable		CM I/O
3-422-3669A	3 spdl torq cable		APC I/O (data cable)

Miscellaneous

Part Number	Description	Notes	Requirements/Other
1-236-0010	Fan - OSA		
1-236-0071	Fan - PCA V1/V2	1 below hard drive	
1-236-0092	Fan - PCA all Ver	4 used in V3, 3 in V1/V2	Also used in APC I/O rack
1-370-6016	20A EMI line filter	PCA Digital Supply	
1-370-6017	3A EMI line filter	PCA Analog Supplies & OSA PS	
3-245-0030A	AC Power Block		
1-400-0639	(10) Fuse 2A		
1-400-1062	(10) Fuse 10A Std	PCA Digital PS & Fans	
1-400-3030	(10) Fuse 1A		
1-400-3039	(10) Fuse 2A SLB	PCA Analog PS & Reader	
1-400-3044	(10) Fuse 3A SLB	PCA APC & OSA	
1-400-3051	(10) Fuse MDA-5A		
1-210-1807	Connector - 18 pin	Servo-V2, Probe/Hdwhl, Aux, MSA	1-210-1480(.04ins);1484(.08ins); 24-20 awg
1-210-1808	Connector - 9 pin	DC Command; Ver 3	1-210-1480(.04ins);1484(.08ins); 24-20 awg
1-210-1809	Connector - 12 pin	Servo Digital Input-Ver 3;Op Sta Data	1-210-1480(.04ins);1484(.08ins); 24-20 awg
1-210-1811	Connector - 24 pin	Servo Resolver Input; Ver 3	1-210-1480(.04ins);1484(.08ins); 24-20 awg
1-210-2099	Connector - 6 pin	PWM Base Pwr & Link Status; Ver 3	1-210-1481; male nickle 24-20 awg
1-210-2150	Connector - 12 pin	APC I/O	
1-210-2151	Connector - 14 pin	APC I/O - not used on A950 app's	

1-210-2190	Connector - 15 pin	APC I/O TCM Rear Edge	
1-210-2191	Connector - 22 pin	CM I/O - all except RCO	
1-210-2700	Connector - 24 pin	CM I/O (RCO)	
1-210-2452	Connector - 6 pin	Handwheel Power (OSA)	
1-210-2530	Connector - 16 pin	Output PWM Channels; Ver 3	
1-210-2184	Connector - 6 pin	SPA(2) & SSA(2)	Inductosyn Servo Interface
1-210-2186	Connector - 4 pin	SPA(2)	Inductosyn Servo Interface
1-210-2555	Connector - 7 pin	SSA(1)	Inductosyn Servo Interface
1-210-2638	Connector -17 pin	OSA - included with cable	RSKI/TSKI for Analog Inputs
1-815-1013	Resolver - 2 Pole	Analog Feedback, Axis Alignment	
1-815-1015	Resolver - 4 Pole	Analog Feedback, Axis Alignment	
1-855-0016	Thermostat	PCA Thermostat	A950 PCA
4-690-0006	Handwheel Enc.		
7-000-0815CS	System Configuration	Page set for A950MC Version 2	
7-000-0721CS	System Configuration	Page set for A950MC Version 3	
7-000-0861CS	System Configuration	Page set for A950TC Version 2	
7-000-0597AN	Serial Interface Manual	7-000-0597PA - no diskettes	
7-000-0698AM	V3 IDS App. Manual	Version 3 Application Manual	
7-000-0924CR	Control Reference Man	Version 2 & 3	

Big Blue			
Part Group	Item Number	Description	
CNC	1-236-0019	AIR COND 5500BTU/HR 115V	
CNC	1-312-1062001	DISKETTE DRIVE 50HZ	No longer repairable / upgrade to 3.5 floppy PN 3-526-0797L
CNC	1-312-1063001	DISKETTE DRIVE 60HZ	No longer repairable / upgrade to 3.5 floppy PN 3-526-0797L
CNC	1-312-1089001	32K Memory bd.	Recommend using 3-531-4627A
CNC	1-312-2000001	FLEXIBLE DISK DRIVE DOUB	
CNC	1-370-0016	FILTER AIR FOR AIR CONDI	
CNC	1-400-3069	FUSE 25 A 125V SLB CER	
CNC	1-401-0007	FUSE 4 A 125V SLB	
CNC	1-401-0009	FUSE 2 A 125V SLB	
CNC	1-550-0047	BULB LAMP INCAND T1-3/4	
CNC	1-550-0060	BULB LAMP INCAND T1-3/4	
CNC	1-550-2422	BULB LAMP INCAND T1-1/4	
CNC	1-635-0042	PWR SUP OUT:MULT A5	
CNC	1-635-0076	POWER SUPPLY CM3A	
CNC	1-635-0079	POWER SUPPLY ELPAC	
CNC	1-635-0108001	P/S,60HZ,PS-63171;MULT	
CNC	1-655-3057	TAPE RDR MYLAR/FOIL	
CNC	1-655-3074	FLOPPY DSK 8 ,IBM2305830	
CNC	1-672-1003026	FAN,KOOLTRONIC;# KJ200	
CNC	1-672-1005600	FAN-ROTRON # 028254	
CNC	1-672-1005603	AIR FILTER ; SUPER EZKL	
CNC	1-672-1005800	Regulator Bd. For 1-635-0108001	
CNC	1-672-1005801	Power fail detect Bd.for 1-635-0108001	
CNC	1-672-1012916	FILTER,AIR; # EC 616 ;	
CNC	1-795-5163	CAP W/ RED INSERT,#PMHZ2	
CNC	1-795-5164	CAP PB SWITCH CLEAR W/GR	
CNC	1-795-5170	CAP PB SWITCH RED EMERG	
CNC	1-795-5177	LEG INS PBTN US LEG:MAST	
CNC	1-795-5179	LEG INS PBTN US LEG:MDI	
CNC	1-795-5182	LEG INS PBTN US LEG:TPA	
CNC	1-795-5184	LEG INS-SEARCH START	
CNC	1-795-5185	LEG INS PBTN US LEG:SEAR	
CNC	1-795-5186	LEG INS PBTN US LEG:SEAR	
CNC	1-795-5187	LEG INS PBTN US LEG:SEAR	
CNC	1-795-5190	LEG INS PBTN US LEG:READ	
CNC	1-795-5192	LEG INS-CYCLE START	
CNC	1-795-5196	LEG INS PBTN US LEG:OPTI	
CNC	1-795-5197	LEG INS-SYSTEM FAULT	
CNC	1-795-5211	LEG INS-SINGLE BLOCK	
CNC	1-795-5212	LEG INS PBTN US LEG:DATA	
CNC	1-795-5213	LEG INS-GRID ALIGN	
CNC	1-795-5215	LEG INS PBTN US LEG:STOR	
CNC	1-795-5216	LEG INS PBTN US LEG:LOAD	

CNC	1-795-5218	LEG INS PBTN US LEG:EDIT	
CNC	1-795-5220	LEG INS PBTN US LEG:EDIT	
CNC	1-795-5221	LEG INS PBTN US LEG:INCH	
CNC	1-795-5224	LEG INS PBTN US LEG:GRID	
CNC	1-795-5226	LEG INS PBTN US LEG:LOOP	
CNC	1-795-5227	LEG INS PBTN US LEG:BLOC	
CNC	1-795-5228	LEG INS PBTN US LEG:EDIT	
CNC	1-795-5267	LEG INS PBTN US LEG:FEED	
CNC	1-795-5268	LEG INS PBTN US LEG:MACH	
CNC	1-795-5269	LEG INS PBTN US LEG:MODI	
CNC	1-795-5271	LEG INS PBTN US LEG:MACH	
CNC	3-422-1659A	CABLE 50 LEAD CARDEDGE T	
CNC	3-422-1663A	CABLE, DSK/2000, 18 INCH	
CNC	3-422-1822A	CABLE, CNC-MODEL MC	
CNC	3-422-1826A	CABLE,CNC,CTO TO RLYM #1	
CNC	3-422-1827A	CABLE	
CNC	3-422-1829A	CABLE-I/O PAN DRVR TO CO	
CNC	3-422-1833A	CABLE,CTI TO CPIM	
CNC	3-422-1834A	CABLE,CTO TO CPIM	
CNC	3-422-1856A	CABLE CIP 2200	
CNC	3-422-1903A	CABLE,CNC,GPR-J2 TO GPR-	
CNC	3-422-2106A	CABLE-FRT TO MCIM CNC M	
CNC	3-422-2108A	CABLE-SRV TO FRO,FRO CNC	
CNC	3-422-2125A	SRVM TO MCIM CABLE-CNC T	
CNC	3-422-2233A	CABLE, PUNCH/PUNCH EXTEN	
CNC	3-422-2339A	CABLE - C32-J4 TO CRT-P2	
CNC	3-422-2351A	CABLE - CARDEDGE TO HEAD	
CNC	3-422-2352A	CABLE - CARDEDGE TO HEAD	
CNC	3-422-2353A	CABLE - CARDEDGE TO HEAD	
CNC	3-422-2354A	CABLE - CARDEDGE TO HEAD	
CNC	3-422-2356A	CABLE - CARDEDGE	
CNC	3-422-2357A	CABLE - CARDEDGE	
CNC	3-422-2358A	CABLE - CARDEDGE	
CNC	3-422-2359A	CABLE - CARDEDGE	
CNC	3-422-2422A	CABLE-SLD TO SRV CNC V 2	
CNC	3-422-2423A	CABLE-CPIM TO MCIM CNC	
CNC	3-422-2425A	CABLE-FLEXIBLE DISK TO F	
CNC	3-422-2426A	CABLE- RDR TO P2	
CNC	3-422-2429A	CABLE- CTO TO RLYN	
CNC	3-422-2430A	CABLE- CTI TO MCIM	
CNC	3-422-2434A	CABLE-CIPM J32 TO IOIM J	
CNC	3-422-2448A	CABLE	
CNC	3-422-2449A	CABLE-CARDEDGE	
CNC	3-422-2451A	CABLE-CARDEDGE	
CNC	3-422-2454A	CABLE-CARDEDGE	
CNC	3-422-2457A	CABLE-RD1R TO P2 FOR 300	
CNC	3-422-2458A	CABLE-RD2R TO P2 FOR 300	
CNC	3-424-1470A	8K MEMORY BOARD	3-531-4627A will replace all 8Ks w/1 bd.

CNC	3-424-1589A	ASSEM-64 CHAR.KEYBOARD	
CNC	3-424-1858A	ASSEM-64 CHAR.KEYBOARD	
CNC	3-425-0109A	ASS'Y.-CRT CNC MODEL PC	
CNC	3-425-0110A	ASS'Y.-CRT CNC MODEL	
CNC	3-455-2041A	FEEDBACK UNIT INCH	
CNC	3-525-0551A	ASSY-SYSTEM CONTROL PANE	
CNC	3-525-0812A	ASS'Y-DIAGNOSTIC PANEL	
CNC	3-526-0797L	FLOPPY UPGRADE8 TO 3.5	
CNC	3-531-2171A	MODULE PC	
CNC	3-531-2516A	MODULE PC C/2000	
CNC	3-531-2731A	REPLACED BY 3-531-3415A	
CNC	3-531-2742A	MODULE PC CNC	
CNC	3-531-2751A	MODULE PC CNC	
CNC	3-531-2756A	MODULE PC	no longer repairable
CNC	3-531-2795A	MODULE PC-CONTROL BOARD	
CNC	3-531-2847A	MODULE PC Acramatic® CNC	
CNC	3-531-2933A	MODULE PC-PANEL DRIVER	
CNC	3-531-2971A	MODULE PC Acramatic® CNC	
CNC	3-531-2981A	MODULE PC-GEN PURP REGIS	
CNC	3-531-2985A	MODULE PC LOGIC PAC	
CNC	3-531-2989A	MODULE PC-CONTACTS IN CTI	
CNC	3-531-2993A	MODULE PC	
CNC	3-531-2996A	MODULE PC Acramatic® CNC	
CNC	3-531-2997A	MODULE PC	
CNC	3-531-2998A	MODULE PC	
CNC	3-531-3011A	MODULE PC Acramatic® CNC	
CNC	3-531-3012A	MODULE PC	
CNC	3-531-3013A	MODULE PC	
CNC	3-531-3016A	MODULE PC-CONTACTS OUT CTO	
CNC	3-531-3034A	MODULE PC Acramatic® CNC	
CNC	3-531-3036A	MODULE PC	
CNC	3-531-3081A	MODULE PC Acramatic®	
CNC	3-531-3120A	MODULE PC ANALOG OUTPUT AOI	
CNC	3-531-3160A	MODULE PC Acramatic® CNC	
CNC	3-531-3161A	MODULE PC-FEEDRATE OPTIO	
CNC	3-531-3163A	MODULE PC-24V REGULATOR	
CNC	3-531-3164A	MODULE PC-SLIDE INTERFAC	
CNC	3-531-3180A	MODULE PC- JUMPER BOARD	
CNC	3-531-3205A	MODULE PC-SERVO MOTHER B	
CNC	3-531-3206A	MODULE PC-TOOL GAGE INTE	
CNC	3-531-3221A	MODULE PC-DISC SYSTEM IN	
CNC	3-531-3230A	MODULE-CNC CONSOLE INTER	
CNC	3-531-3238A	SCALE AMP	Interchangeable with 3-531-3455A
CNC	3-531-3291A	PC BD CRT CONT 32 X 12	Interchangeable with 3-531-3953A
CNC	3-531-3305A	PAPER TAPE CONTROLLER	Interchangeable with 3-531-3674A
CNC	3-531-3322A	PAB,POWER AMP BOARD,ACRA	
CNC	3-531-3356A	MECH PROC INTERFACE CNC	
CNC	3-531-3358A	MODULE PC 103/202 CONT	

CNC	3-531-3363A	MODULE-PC IC ROM I CNC	
CNC	3-531-3380A	MODULE PC-CTI/CTO READOU	
CNC	3-531-3399A	CIP MOTHER BOARD	
CNC	3-531-3409A	VOLTAGE LEVEL DETECTOR C	
CNC	3-531-3415A	REPLACED BY 3-531-3525A	
CNC	3-531-3455A	SCALE AMP	Interchangeable with 3-531-3238A
CNC	3-531-3465A	SERVO MOTHERBOARD	
CNC	3-531-3475A	MODULE IC DIAG LIGHT MOD	
CNC	3-531-3480A	COMPUTER DIAGNOSTIC MODU	
CNC	3-531-3490A	PCB-SLIDE DRIVER,ACRAMAT	Interchangeable with 3-531-3628A
CNC	3-531-3505A	FEEDRATE CONTROL INTERFA	
CNC	3-531-3506A	FEEDRATE OPTION	
CNC	3-531-3525A	DATA BOARD IV CIP/2000	
CNC	3-531-3530A	SERVO AXIS BOARD - HYDRA	
CNC	3-531-3531A	SERVO-HYDRAULIC SRVH	
CNC	3-531-3546A	B/Z SWITCHABLE COMP-B	
CNC	3-531-3553A	PC BD CRT CONT 32 X 12	Interchangeable with 3-531-3291A
CNC	3-531-3600A	I/O EXPANSION MOTHER BOA	
CNC	3-531-3628A	PCB-SLIDE DRIVER,ACRAMAT	Interchangeable with 3-531-3490A
CNC	3-531-3659A	SERVO AXIS Acramatic® CN	
CNC	3-531-3667A	PC BD DOUBLE DENSITY FLO	
CNC	3-531-3672A	TORQUE CONTROL INTERFACE	
CNC	3-531-3674A	PAPER TAPE CONTROLLER	Interchangeable with 3-531-3305A
CNC	3-531-4114A	SCALE AMP	
CNC	3-531-4184A	SERVO AXIS II ACRA CNC	
CNC	3-531-4319A	PC BD MEM BD 4 128K	
CNC	3-531-4609A	PC BD FD3 Floppy controller 8" & 3.5 "	
CNC	3-531-4627A	PC BD-MEM5 CNC	
CNC	3-711-1776G	MOD. OF FDC FOR PERTEC F	
CNC	3-711-1842G	MOD., PART PROGRAM EDIT	
CNC	3-711-1888G	MOD. FIXTURE OFFSET	
CNC	3-711-1890G	MOD. TOOL TRIM	
CNC	3-711-1925G	MODIFICATION CNC MONITOR BD.	
CNC	3-711-1959G	MODIFICATION-4.7 OHM 10	
CNC	3-711-1976K	RS 232 COMM. INTF INPUT/	
CNC	3-711-2216G	PART PROGRAM PUNCH INTER	
CNC	3-711-2325K	IPL MOD. GEN. DYNAMICS	
CNC	4-501-0156	TAPE READER MANUAL	
CNC	4-531-4003A	MODULE PC- TSTS	
CNC	4-531-4004A	GENERATOR BD. CNC	
CNC	4-531-4007A	ELECTRO SERVO AXIS	
CNC	4-531-4018A	SERVO TEST 5KHZ	
CNC	4-531-4019A	SINE COSINE SICO	
CNC	4-531-4020A	SERVO-ELECTRIC SRVE	
CNC	4-702-0015A	150 LPS REPLACED BY 4-702-0046A	
CNC	4-702-0046A	ACRAREAD 300 LPS DC S	
CNC	500515	TACHOMETER DC 7V/1000ROM	

CNC	7-000-0231DD	DIAGNOSTIC TAPE CONTROL	
CNC	7-000-0234MC	MANUAL-MAINTENANCE	
CNC	7-000-0244DD	DIAGNOSTIC PROGRAMS CTI/	
CNC	7-000-0257DD	DIAGNOSTIC-TAPE CIP-2200	
CNC	7-000-0264DD	TAPE,DIAGNOSTIC-AOI	
CNC	7-000-0340AA	TAG MANUAL ASS Y-CNC V 2	
CNC	7-000-0340AB	CONTROL REF MANUAL ASS Y	
CNC	7-000-0340MN	APPLICATION MANUAL MAXIM	
CNC	7-000-0344AA	TAG ASSEMBLY	
CNC	7-000-0364DD	DIAGNOSTIC TAPE CNCMEM	
CNC	7-000-0422DD	DCS PROGRAM DIAGNOSTIC	
CNC	7-000-0424DD	CPU DIAGNOSTIC	
CNC	7-000-0428DD	FDD DIAGNOSTIC	
CNC	7-000-0431DD	QRIT DIAGNOSTIC	
CNC	7-000-0433DD	DIAGNOSTIC PACKAGE DISKETTE	
CNC	3-425-0105A	CRT assembly Model"A'	
CNC	3-711-1901G	Tool changer data module	
CNC	R32 program	Program Maximiser tool changer	
CNC	3-711-1997G	LPM for maiximise I/O	
CNC	3-711-2107G	LPM for maiximise I/O	
CNC	3-531-3206A	PC BD. Tool Guage Interf.	
		Not all boards listed due to usage.	
		Call if in doudt.	

Documentation Reference (non-A2100)

Acramatic® 850	Acramatic® 850SX	DRIVES
Acramatic® 950	A975 A750	APC
MISCELLANEOUS		
A750		
Maintenance Manual		7-000-0620AC
Acramatic® 850		
A850TC Rel. 2.2		
Maintenance Manual & Pocket Guide Package		7-000-0540AB
Maintenance Manual		7-000-0540MA
Pocket Guide		7-000-0540PG
Operations Manual		7-000-0590BM (same as MC)
Programming Manual		7-000-0590PM
A850MC Rel 2.2		
Maintenance Manual & Pocket Guide Package		7-000-0536AB
Maintenance Manual		7-000-0536MA
Pocket Guide		7-000-0536PG
Operations Manual		7-000-0590BM (same as MC)
Programming Manual		7-000-0576PM (Generic)
A850MC CINTIMATIC MOD1 Rel 2.1		

Vert. Cintimatic Operations	7-000-0576MA
Vert. Cintimatic Programming	7-000-0605PM
Vert. Cintimatic Parts Manual	7-000-0576PR
Horz. Cintimatic Programming	7-000-0605PM (same as Vert.)

Acramatic® 850SX

Serial Data Interface (with diskettes)	7-000-0690AN
Configuration Sheets	7-000-0690MB
Configuration Sheets (IDS) (Avenger)	7-000-0738CS
Operations (Generic)	7-000-0730CF
Programming (Generic)	7-000-0731PM
Control Reference (Avenger)	7-000-0738CR
Control Reference (New Operator Station)	7-000-0879CR
CINTURN III Programming (TC)	7-000-0800PM
CINMACH Programming (MC)	7-000-0801PM
CINMACH Programming (MC) Rel. 3.0	7-000-0638PM
Pocket Guide (Installation & Service) (TC & MC)	7-000-0837PG
Diagnostics (TC)	7-000-0925RS

Acramatic® 950

A950TC Rel 1.1 & 2.0	
Maintenance Manual	7-000-0597MA
A950MC/PC Rel 1.0	
Operations Manual	7-000-0535BM
Programming Manual	7-000-0535PM

Applications Control Hardware (OEM Only)	7-000-0535AM
Applications Control Software (OEM Only)	7-000-0535SM
A950 Rel 2.0 and beyond	
A950 Serial Data Interface (with diskettes)	7-000-0597AN
Torque Control Module (Installation & Application Notes) (APC only)	7-000-0756AN
Torque Control Module (Installation & Application Notes) (CMIO only)	7-000-0773AN
V2 Configuration Notebook (MC)	7-000-0815CS
V2 Configuration notebook (TC)	7-000-0816CS
Control Reference Manual (V3)	7-000-0698CR
Operations Manual (V3)	7-000-0698CF
Programming Manual (V3) (Acragen)	7-000-0698PM
Control Reference Manual (V2 & V3) Release 3	7-000-0924CR
A950/760 (MC) (V3) Configuration Drawings	7-000-0721CS
A975 – Tape Layer	
Maintenance Manual	7-000-0535AC
APC 500	
Installation & I/O Manual	7-000-0506AB
I/O Manual (I/O Modules Only)	7-000-0524AC
DRIVES	
BDS4 Drive Installation	7-000-0993AM
MBM Operations Guide	7-000-5029CR
VFS5 Spindle Drive	7-000-5035AM

BDS5 Servo System (Installation & Setup)	7-000-5035AN
VFS5 Spindle Drive Addendum	7-000-5035AP
BDS5 Drive user Manual	7-000-5035CR
DBS Drive Control Manual	7-000-5258CF
Control Function Servo Drive	7-000-5329CF
MISCELLANEOUS	
CNC Part Program Translator	7-000-0760PA
TAG Manual for 8" to 3.5" Disk Converter	7-000-0761AN
Installation Manual for 3.5" Disk Converter	7-000-0868AN
CMI/O Applications	7-000-0883AM
Bulk Storage Module	7-000-5287CR
COVER-MANUAL, FRONT (GENERIC).	1-567-0911
COVER-MANUAL, REAR (GENERIC)	1-567-0912
COVER-Vickers CHAPTER SEPARATOR (NO TABS)	1-567-0913

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VSX, VCX and Plastic Parts List



Part Group	Item Number	Description
VSX	3-542-1269A	PC ASSY - TFHD
	3-542-1194A	PCB - CMDCI
	3-542-1292A	PCB - CMDCO
	3-542-1252A	PC ASSY - CAF
	1-635-0179	Main Switcher P/S +5V@14A, +/- 12V@1A
	3-533-1034G	Mother Board, VSP 2MB/PCOS 2SER
	1-587-0734	Battery Part, 3.7V LITHIUM
	3-424-2146A	Op. Station VSX+ W/LEDS
	1-525-1250	Legend Ins. VSX Rev - A
VCX Mono	3-533-1038G	CPU, P486 2SER 4MB
	3-542-1269A	PC ASSY - TFHD
	3-533-1027G	MODULE - FCP
	3-542-1194A	PCB - CMDCI
	3-542-1292A	PCB - CMDCO
	3-542-1252A	PC ASSY - CAF
	1-635-0189	Main Switcher Power Supply

	3-531-4667A	Motherboard - FGB16
	1-587-0734	Battery Part
	3-424-2148A	Back Lit Op. Station Assy. 486 W/LEDS
	1-525-1248	LEGEND-INS. 486 REV-A
Plastics	3-533-0613G	CNH MODULE-CPU MEM P-271
	3-533-0610G	MODULE MBA II
	3-533-0668G	MODULE AIN 6 THERMOCOUPLE
	3-531-4350A	PC BD-HDCI
	3-531-4590A	PC BD HDCO 2
	1-635-0174	Main Switching Power Supply
	3-531-4491A	DPC-271 V2 Motherboard
	1-587-0734	Battery
	3-424-2017A	Smart Operator Station Assy. DPC-271

For all SIMATIC® parts contact

EMC 5353
300 Bill Garland Road
Johnson City, TN 37601

Phone +1 (423) 461-2497

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Miscellaneous Plastic Parts Documentation Reference

[MISCELLANEOUS](#)

[ProgramWare](#)

[APC](#)

[PLASTICS](#)

PLASTICS

DPC 500/750/1000 Maintenance Manual

7-000-0511MA

DPC 270 Maintenance Manual

7-000-0537AC

DPC 271 Maintenance Manual

7-000-0585MA

DPC 625 Maintenance Manual

7-000-0544MA

RPC

RPC 186 (Old 270 Base) Maintenance Manual

7-000-0582MA

RPC 186 (new 271 Base) Maintenance Manual

7-000-0589MA

APC 500

Installation & I/O Manual

7-000-0506AB

I/O Manual (I/O Modules Only)

7-000-0524AC

Other Plastics Controls

Vista SX/ST Reference Manual

7-000-0689CR

VSX+ Control Reference

7-000-0899CR

VSX PCOS Control Reference

7-000-5046CR

486 / 486 + PCOS Control Reference

7-000-5047CR

Application Manual, Drive System, Vista Electric Toggle,
Injection Molding Control Reference

7-000-5359CR

Genesys System Application Manual	7-000-5763AM
Genesys Software Development Tools for VxWorks	7-000-5822AN
Genesys Hardware Functional Reference Manual OBSOLETE	7-000-5825CR
Genesys CD	7-000-7567CD
ProgramWare	
Program Ware MCL (With software)	7-000-0516AC
ProgramWare MCL (Manual only)	7-000-0516PA
ProgramWare Ladder (With software)	7-000-0517AC
ProgramWare Ladder (Manual only)	7-000-0517PA
ProgramWare MCL Rel 3.2 (With software)	7-000-0745AC
ProgramWare MCL Rel 3.2 (Manual only)	7-000-0745PA
ProgramWare Rel 4.21 (With software)	7-000-0862BC
ProgramWare Rel 4.21 (Manuals only)	7-000-0862PA
ProgramWare 5.01 (With software)	7-000-5027BC
ProgramWare 5.01 (Manuals only)	7-000-5027MA
ProgramWare 32 (With software)	7-000-5362BC
ProgramWare 32 (Manuals only)	7-000-5362MA
MISCELLANEOUS	
Label-Cd Identification (Genesys)	1-540-4765
Cover-Rear, CD Package (Genesys)	1-167-0910
Cover-Front, CD Package (Genesys)	1-167-0909

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