

# M & H CODE LIST

<u>DWG NO.</u>	<u>TITLE</u>	<u>VERSION</u>
S4900200045-M01	M CODE (M00~M20)	A2
S4900200045-M02	M CODE (M21~M40)	A2
S4900200045-M03	M CODE (M41~M60)	A1
S4900200045-M04	M CODE (M61~M80)	A0
S4900200045-M05	M CODE (M81~M303)	A1
S4900200045-M06	DATA SETTING OF INVERTER	A0
S4900200045-M07	DATA SETTING OF INVERTER	A0
S4900200045-M08	DATA SETTING OF INVERTER	A0

ECN:E0001S	DWG NO: S4900200045-M01	VERSION:A2	NC TYPE:828D
DATE:2010/10/07	PART NO: S4900200045M	TITLE:M CODE	MT TYPE:GX 710 DT

### M Code List

M Code	Description
M00	PROGRAM STOP 程式暫停指令
M01	OPTIONAL PROGRAM STOP 選擇性程式暫停指令
M02	END OF PROGRAM 程式結束指令
M03	SPINDLE FORWARD 主軸正轉指令
M04	SPINDLE REVERSE 主軸反轉指令
M05	SPINDLE STOP 主軸停止指令
M06	AUTO TOOL CHANGE(SWING ARM TYPE) 自動換刀指令
M07	
M08	COOLANT ON 切削水 ON 指令
M09	COOLANT OFF 切削水 OFF 指令
M10	A AXIS CLAMP(FOR ROTATY TABLE) 旋轉軸鎖緊指令
M11	A AXIS UNCLAMP(FOR ROTATY TABLE) 旋轉軸放鬆指令
M12	
M13	SPINDLE FORWARD & COOLANT ON 主軸正轉及切削水 ON 指令
M14	SPINDLE REVERSE & COOLANT ON 主軸反轉及切削水 ON 指令
M15	M13/M14 COMMAND OFF M13/M14 指令關閉指令
M16	AIR BLOW ON 吹氣指令
M17	SUBPROGRAM END 子程式結束
M18	AIR BLOW OFF 吹氣關閉
M19	SPINDLE ORIENTATION 主軸定位指令
M20	C AXIS CLAMP C軸鎖緊指令

ECN:E0001S	DWG NO: S4900200045-M02	VERSION:A2	NC TYPE:828D
DATE:2010/10/07	PART NO: S4900200045M	TITLE:M CODE	MT TYPE:GX 710 DT

### M Code List

M Code	Description
M21	C AXIS UNCLAMP C軸放鬆指令
M22	ARM JOG CCW ACTIVE. 換刀臂反轉寸動啓動
M23	
M24	WORK LAMP ON 工作燈 ON 指令
M25	WORK LAMP OFF 工作燈 OFF 指令
M26	
M27	
M28	
M29	
M30	PROGRAM END 程式結束並重回程式開頭指令
M31	SPARE M- CODE 1 ON 預備碼 1 ON
M32	
M33	SPARE M- CODE 1 OFF 預備碼 1 OFF
M34	SPARE M- CODE 2 ON 預備碼 2 ON
M35	SPARE M- CODE 2 OFF 預備碼 2 OFF
M36	SPARE M- CODE 3 ON 預備碼 3 ON
M37	SPARE M- CODE 3 OFF 預備碼 3 OFF
M38	SPARE M- CODE 4 ON 預備碼 4 ON
M39	SPARE M- CODE 4 OFF 預備碼 4 OFF
M40	

ECN:E0001S	DWG NO: S4900200045-M03	VERSION:A1	NC TYPE:828D
DATE:2010/10/07	PART NO: S4900200045M	TITLE: M CODE	MT TYPE:GX 710 DT

### M Code List

M Code	Description
M41	GEAR SHIFT TO LOW 低檔選擇
M42	GEAR SHIFT TO HIGH 高檔選擇
M43	
M44	
M45	
M46	
M47	
M48	FEEDRATE OVERRIDE DEACTIVE. 進給調整率失效
M49	FEEDRATE OVERRIDE ACTIVE. 進給調整率有效
M50	
M51	CHIP COOLANT ON 沖屑水ON啓動
M52	CHIP COOLANT OFF 沖屑水OFF啓動
M53	COOLANT THROUGH SPINDLE ON 中空切屑水ON啓動
M54	COOLANT THROUGH SPINDLE OFF 中空切屑水OFF啓動
M55	
M56	
M57	
M58	
M59	
M60	

ECN:E0001S	DWG NO: S4900200045-M04	VERSION:A0	NC TYPE:828D
DATE:2010/01/18	PART NO: S4900200045M	TITLE: M CODE	MT TYPE:GX 710 DT

### M Code List

M Code	Description
M61	
M62	
M63	
M64	
M65	
M66	
M67	
M68	CHIP CONVEYOR ON 除屑機ON指令
M69	CHIP CONVEYOR OFF 除屑機OFF指令
M70	
M71	POCKET DOWN 刀盒推出
M72	POCKET HOME 刀盒收回
M73	
M74	
M75	
M76	
M77	
M78	
M79	
M80	AUTO POWER OFF 自動斷電指令

ECN:E0001S	DWG NO: S4900200045-M05	VERSION:A1	NC TYPE:828D
DATE:2010/10/07	PART NO: S4900200045M	TITLE: M CODE	MT TYPE:GX 710 DT

### M Code List

M Code	Description
M81	
M82	
M83	
M84	
M85	
M86	
M87	
M88	
M89	
M90	SPARE M CODE 5 ON. 預備碼 5 ON
M91	SPARE M CODE 5 OFF. 預備碼 5 OFF
M92	
M93	
M94	
M95	
M96	
M97	
M301	PART PROBE INTERFACE SELECT 工件量測界面選擇
M302	TOOL PROBE INTERFACE SELECT 刀具量測界面選擇
M303	TOOL PROBE / PART PROBE OFF 刀具量測/工件量測關閉

ECN:E0001S	DWG NO: S4900200045-M06	VERSION:A0	NC TYPE:828D
DATE:2010/03/04	PART NO: S4900200045M	TITLE: DATA SETTING OF INVERTER	MT TYPE:GX 710 DT

### DATA SETTING OF INVERETR

Code	Setting	Code	Setting
sEt_		Ctd	4.8
ACC	0.1s	sds	30
dEC	0.1s	SFr	6
LSP	0	drC_	
HSP	60	bFr	60
ItH	1.2	UnS	220
UFr	60	FrS	70
JPF	0	nCr	1.2
JF2	0	nSp	1680
SP2	10	COS	0.63
SP3	15	rSC	no
SP4	20	tUn	d0nE
CL1	7.2	tUS	d0nE
tLS	0	UFt	L
I/O_		nrd	YES
tcc	2C	SFr	6
CtL_		FUn_	
Frl	AI1	rpt	S
		rps	No
		brA	No
		Adc	No

ECN:E0001S	DWG NO: S4900200045-M07	VERSION:A0	NC TYPE:828D
DATE:2010/03/04	PART NO: S4900200045M	TITLE: DATA SETTING OF INVERTER	MT TYPE:GX 710 DT

### DATA SETTING OF INVERETR

Code	Setting	Code	Setting
brA	n0	SP2	10
StC_		SP3	15
Stt	rnp	JOG_	
FSt	n0	JOG	n0
dC1	n0	P1_	
nSt	n0	PIF	n0
AdC_			
AdC	n0	SCS	n0
SA1_		CFG	Std
SA2	A12	SCS	n0
SA3	n0		
PSS_		FLt_	
PS2	L13	Atr	n0
PS4	L14	rSF	n0
PS8	n0	FLr	n0
PS16	n0	EtF	n0
		EPL	YES
		OPL	YES

ECN:E0001S	DWG NO: S4900200045-M08	VERSION:A0	NC TYPE:828D
DATE:2010/03/04	PART NO: S4900200045M	TITLE: DATA SETTING OF INVERTER	MT TYPE:GX 710 DT

### DATA SETTING OF INVERETR

Code	Setting	Code	Setting
1PL	YES	Adc0	0
0HL	YES	bdc0	125
0LL	YES	Erc0	0
SLL	YES	FL0	n0
COL	YES		
tnL	YES		
LFL	n0		
LFF	10		
drn	n0		
StP	n0		
InH	n0		
rPr	n0		
Con_			
Add	1		
tbr	19.2		
tF0	8E1		
tt0	10		