



ELECTRIC DIAGRAM

GANGTRY LOADER 01 (MAZAK FZ)

GANGTRY LOADER 03 (MAZAK FZ)

MANUAL NO.

DDG20080S06E

MANUAL NO.

ELEMENTARY DIAGRAM LIST

SET No. : DDG20080011

No.	ITEM	SPECIFICATION
1	MACHINE TYPE	GL 01.03
2	MACHINE No.	
3	CNC TYPE	MAZAK FZ
4	PLC ROM No.	
5	AUX ROM No.	
6		
7		
8		
9		
10		

APR'D BY	CHK'D BY	DRWN BY
		
W. S. ONG	H. YOSHIDA	SHAKTHI

Remarks

*2 EXCHANGED DDG20080001	*7 EXCHANGED DDG20080006
*3 EXCHANGED DDG20080002	*8 EXCHANGED DDG20080007
*4 EXCHANGED DDG20080003	*9 EXCHANGED DDG20080008
*5 EXCHANGED DDG20080004	*10 EXCHANGED DDG20080009
*6 EXCHANGED DDG20080005	*11 EXCHANGED DDG20080010

Option

No.	DRAWING NUMBER	TITLE	REMARK
1	G20080100100	ELECTRICAL CAPACITY LIST	*4
2	G20080100201	BLOCK DIAGRAM (GL) 6P/10P	*4 *7
3	G20080100211	BLOCK DIAGRAM (GL) 20P	*4 *7
4	G20080100301	NC CONNECTION DIAGRAM (GL)	*4 *7
5	G20080100400	PMC PARAMETER (TMR358-TMR486)	*4
6	G20080100500	PMC PARAMETER (CTR196-CTR398)	*4
7	G20080100600	PMC PARAMETER (K70-K77)	*4
8	G20080100610	PMC PARAMETER (K87)	*4
9	G20080100700	PMC PARAMETER (D: GROUP 1, 2, 3, 4, 5)	*4
10	G20080100800	M CODE LIST	*4
11	G20080300100	MOTOR & HAND PARTS LAYOUT (GL)	*4
12	G20080300110	6P/10P OUTSIDE CONNECTION DIAGRAM (GL)	*4
13	G20080300120	GL CABINET CONNECTION DIAGRAM	*4
14	G20080300130	SENSOR & SOLENOID CONNECTION DIAGRAM (GL)	*4
15	G20080300141	6P CONVEYER PARTS LAYOUT (GL)	*4 *9
16	G20080300151	10P CONVEYER PARTS LAYOUT (GL)	*4 *9
17	G20080300161	20P CONVEYER PARTS LAYOUT (GL)	*7 *9
18			
19	G20080400012	POWER SUPPLY (GL)	*1, *3, *7
20	G20080400102	AMPLIFIER (GL)	*1, *3, *4
21	G20080400203	A AXIS SERVO MOTOR (GL)	*1, *3, *4, *10
22	G20080400212	B AXIS SERVO MOTOR (GL)	*1, *3, *4
23	G20080400304	ROTARY CONVEYOR (GL) (6P/10P SEPC.)	*1, *3, *4, *5, *7
24	G20080400313	LIFTER 1 (GL) (6P/10P SPEC.)	*1, *3, *4, *5
25	G20080400324	LIFTER 2 (GL) (6P/10P SPEC.)	*1, *3, *4, *5, *7

ELEMENTARY DIAGRAM LIST

SET No. : DDG20080011

PAGE 2/

No.	DRAWING NUMBER	TITLE	REMARK
26	G20080400402	GL CONTROL BOX FAN MOTOR (GL)	*1.*3.*10
27	G20080400513	INTERFACE (LATHE TO GL)	*1.*3.*7.*10
28	G20080400524	INTERFACE (GL TO LATHE)	*1.*3.*7.*9.*10
29	G20080400603	REMOTE I/O LINK DIAGRAM (GL)	*1.*3.*7.*9
30	G20080400612	REMOTE I/O MODULE POWER SUPPLY 1 (GL)	*1.*3.*10
31	G20080400622	REMOTE I/O MODULE POWER SUPPLY 2 (GL)	*1.*3.*7
32	G20080400702	LIFTER 1 INPUT (GL)	*1.*3.*7
33	G20080400711	LIFTER 2 INPUT (GL)	*1.*3
34	G20080400802	HAND OPEN CLOSE CONFIRMATION SW (GL)	*1.*3.*10
35	G20080400812	HAND SOLENOID VALVES (GL)	*1.*3.*10
36	G20080400902	ROT. CONVEYER (GL) OPERATING PANEL SW	*1.*3.*10
37	G20080400912	ROT. CONVEYER (GL) OPERATING PANEL (LED)	*1.*3.*10
38	G20080401002	JOG BOX SW & LED (GL)	*1.*3.*4
39	G20080401102	EMERGENCY STOP (GL)	*1.*3.*7
40	G20080401111	DOOR INTERLOCK CIRCUIT (GL)	*1.*3
41	G20080401121	NFB TRIP	*1.*3
42	G20080401132	SPARE WIRE (GL) (6P/10P SPEC.)	*1.*3.*7
43	G20080401301	ROTARY CONVEYOR (GL) (20 PALLET SPEC.)	*7.*9
44	G20080401311	LIFTER 1 (GL) (20 PALLET SPEC.)	*7.*9
45	G20080401321	LIFTER 2 (GL) (20 PALLET SPEC.)	*7.*9
46	G20080401331	CONVEYOR OUTPUT (GL) (20 PALLET SPEC.)	*7.*9
47	G20080401340	CONVEYOR INPUT (GL) (20 PALLET SPEC.)	*7
48	G20080401351	CONVEYOR LOCKPIN (GL) (20 PALLET SPEC.)	*7.*9
49	G20080401361	(GL) DOOR INTERLOCK CIRCUIT (20P)	*7.*9
50	G20080410000	(GL) NG/QC CHUTE DOOR SENSOR	*10
51			
52			
53	G20080500105	PARTS ARRANGEMENT ON CONTROL BOX (GL)	*2.*3.*4.*7.*10.*11
54	G20080500203	PARTS ARRANGEMENT ON PANEL (GL)	*2.*3.*4.*7
55	G20080500210	PARTS ARRANGEMENT ON PANEL (GL)	*2.*3.*4
56	G20080500302	PARTS ARRANGEMENT 6P/10P CONVEYOR	*2.*4.*5
57	G20080500310	PARTS ARRANGEMENT CONVEYOR (1) 20P	*7
58	G20080500320	PARTS ARRANGEMENT CONVEYOR (2) 20P	*7
59	G20080500403	PARTS ARRANGEMENT CONVEYOR BOX (6P/10P)	*2.*4.*7.*10
60	G20080500410	PARTS ARRANGEMENT CONVEYOR BOX (20P)	*7

ELEMENTARY DIAGRAM LIST

SET No. : DDG20080011

PAGE 3/

No.	DRAWING NUMBER	TITLE	REMARK
61	G20080500422	AUX. OPERATING BOX(20P)	*7. *8. *9
62	G20080500440	FENCE UNLOCK SW BOX (6P/10P)	*10
63	G20080500501	PARTS ARRANGEMENT JOG BOX PANEL	*2. *4
64	G20080500602	TERMINAL BLOCK LAYOUT CONTROL BOX	*2. *3. *4
65	G20080500703	TERMINAL BLOCK CONNECTION BOX(GL)	*2. *3. *4. *10
66	G20080500803	TERMINAL BLOCK LAYOUT CONVEYOR BOX	*2. *3. *4. *10
67	G20080500811	TERMINAL BLOCK LAYOUT CONVEYOR BOX(20P SPEC.)	*7. *10
68	G20080500820	TERMINAL BLOCK LAYOUT A AXIS	*10
69	G20080500830	TERMINAL BLOCK CONNECTION A AXIS	*10
70	G20080500901	CABLE OUTLET LAYOUT GL CONTROL BOX(GL)	*2. *3
71	G20080501002	CABLE OUTLET LAYOUT CONVEYOR BOX(6P/10P)	*2. *4. *10
72	G20080501012	CABLE OUTLET LAYOUT CONVEYOR BOX(20P)	*7. *9. *10
73			
74			
75			
76			
77			
78			
79			
80			
81			
82			
83			
84			
85			
86			
87			
88			
89			
90			
91			
92			
93			
94			
95			