

SPEEDTEC[®] 200C

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LINCOLN[®]
ELECTRIC

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Spare Parts

SP50281 REV04
8/15

ASSEMBLY PAGE NAME			Machine Assembly	Front Panel	Wire Drive Assembly	Euro Socket Assembly	Miscellaneous Items	
CODE NO.:	K NO.:	FIGURE NO.:	A	B	C	C	-	
50281	K14099-2	SPEEDTEC® 200C	1	1	1	1	1	

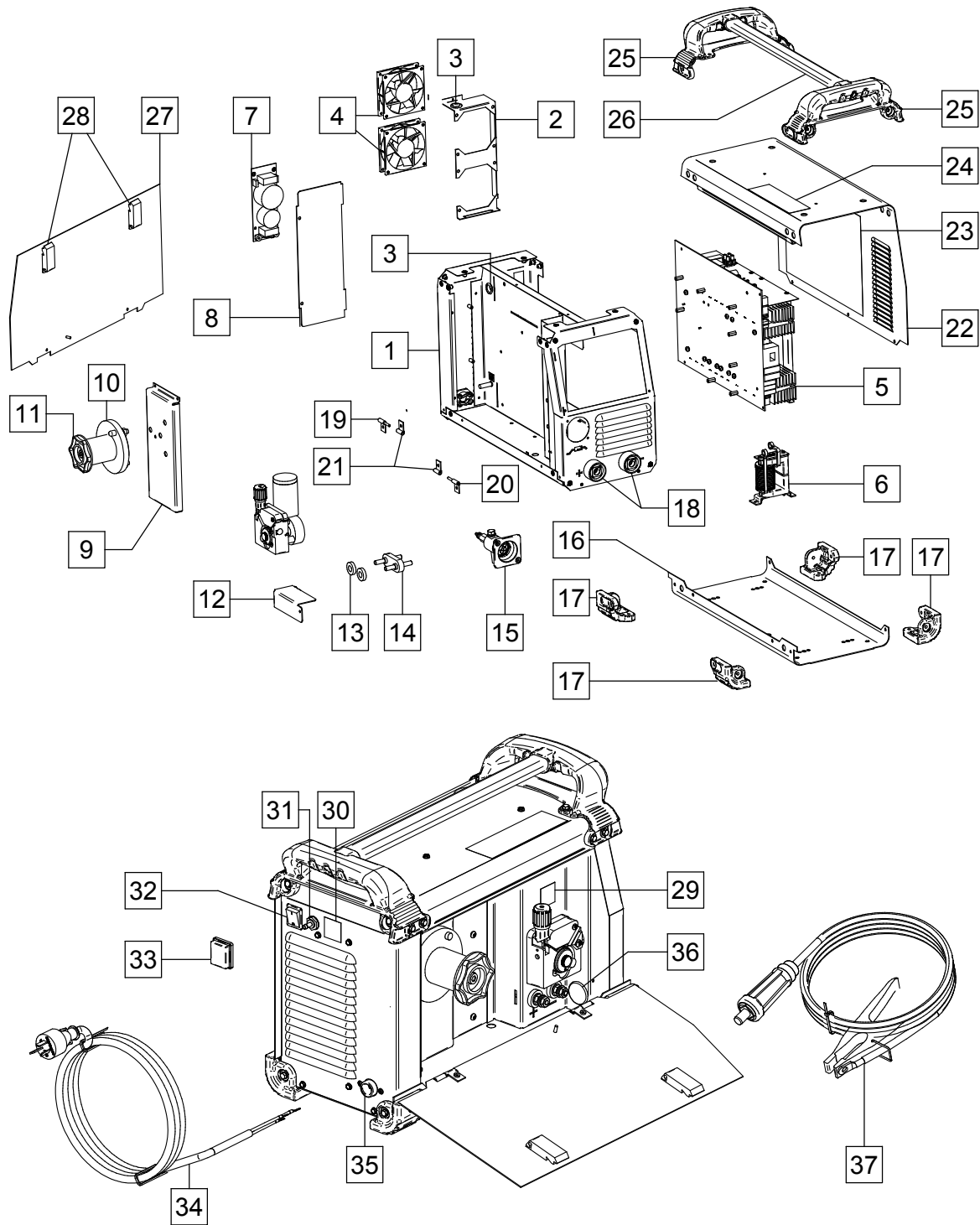


Figure A

Figure A: Machine Assembly

Item	Description	Part Number	QTY	1	2	3	4	5	6	7
1	RACK	R-3019-296-1/08R	1	•						
2	COVER	R-1019-292-2/08R	1	•						
3	RUBBER CABLE BUSH	1373-182-002R	2	•						
4	FAN	1111-311-082R	2	•						
5	P.C. BOARD	R-6042-064-2R	1	•						
6	CHOCKE	R-4034-148-1R	1	•						
7	FILTER EMI	Y030-1R	1	•						
8	COVER	R-1019-336-1/08R	1	•						
9	SUPPORT	R-1019-297-1/08R	1	•						
10	REEL HUB COMPLETE	R-2013-126-1R	1	•						
11	LOCKING NUT	B11035-2	1	•						
12	COVER	R-1019-338-1/08R	1	•						
13	INSULATOR RING	D-1869-007-3R	2	•						
14	TERMINAL BLOCK X4	1361-599-328R	1	•						
15	EURO SLEEVE	0646-231-005R	1	•						
16	COVER	R-3019-299-1/02R	1	•						
17	CORNER CAPS	W95X1147R	4	•						
18	SOCKET X2, X3	C-2986-001-2R	2	•						
19	HINGLE AND AXLE	D-3574-011-3/02R	1	•						
20	HINGLE AND AXLE	D-3574-011-4/02R	1	•						
21	HINGLE	D-3574-007-1/33R	2	•						
22	COVER	R-1019-342-1R	1	•						
23	STICKER (WIRING DIAGRAM)	R-0010-488-2R	1	•						
24	STICKER	2719-107-728R	1	•						
25	HANDLE	W95X1146R	2	•						
26	CENTRAL HANDLE	W92X0228-7R	1	•						
27	LEFT SIDE PANEL	R-1019-341-1R	1	•						
28	LOCK	0654-610-004R	2	•						
29	STICKER	2719-107-732R	1	•						
30	STICKER (GAS)	2719-107-733R	1	•						
31	GAS SOLENOID	0972-423-040R	1	•						
32	SWITCH	1115-270-019R	1	•						
33	BLACK FRAME SHIELD	1115-299-073R	1	•						
34	POWER LEAD	R-5041-304-1R	1	•						
35	CABLE RELIEF	1361-599-674R	1	•						
36	RUBBER CABLE BUSH	1361-599-198R	1	•						
37	WORK LEAD	R-5041-277-1R	1	•						

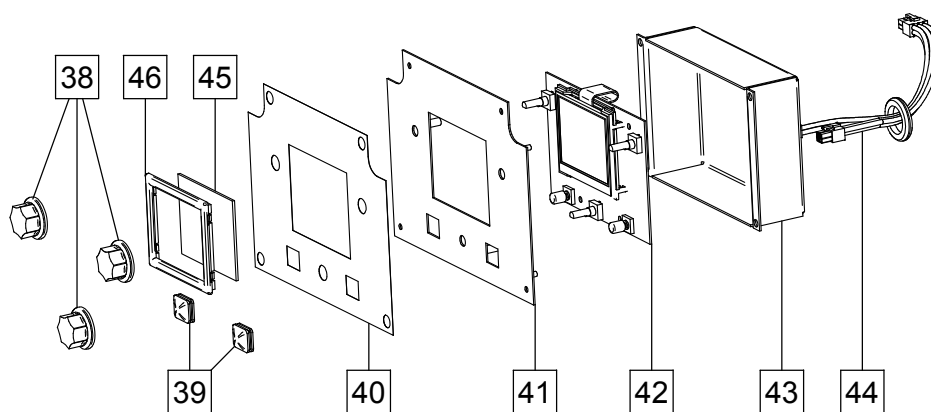


Figure B

Figure B: Front Panel

Item	Description	Part Number	QTY	1	2	3	4	5	6	7
38	KNOBS	S18425-1	3	•						
39	RUBBER BUTTONS	1373-182-005R	2	•						
40	STICKER	R-0010-444-1R	1	•						
41	FRONT PANEL	R-3019-269-1/08R	1	•						
42	P.C. BOARD COMPLETE	R-6042-063-2R	1	•						
	DISPLAY	0942-172-001R								
43	COVER	R-1019-302-1/08R	1	•						
44	WIRING HARNESS	R-5041-250-3R	1	•						
45	PROTECTIVE SCREEN	R-0010-450-1R	1	•						
46	FRAME	R-0010-423-1R	1	•						

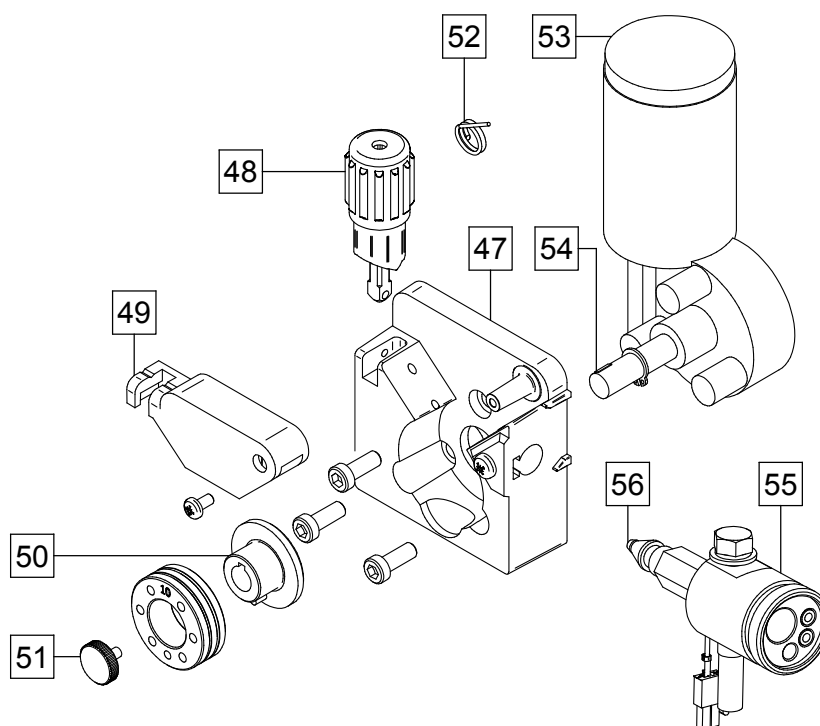


Figure C

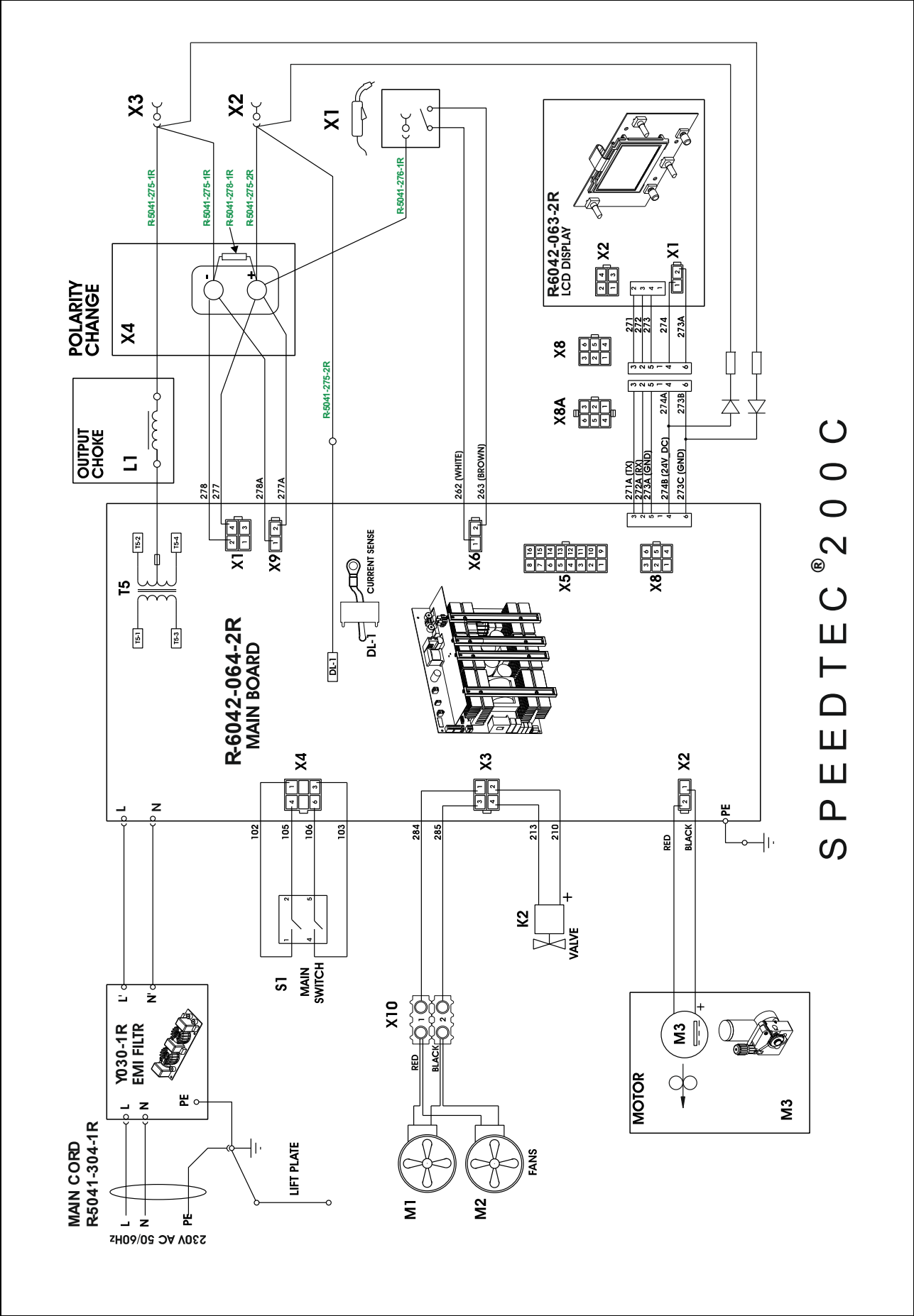
Figure C: Wire Drive Assembly & Euro Socket Assembly

Item	Description	Part Number	QTY	1	2	3	4	5	6	7
	WIRE DRIVE ASSEMBLY	0744-000-246R	1	•						
47	FEED PLATE	0744-000-248R	1	•						
48	FIXING ARM COMPL.	0646-233-015R	1	•						
49	PRESSURE ARM COMPL	0744-000-249R	1	•						
50	DRIVE ROLL ADAPTER	0744-000-250R	1	•						
51	FIXING CAP	0744-000-251R	1	•						
52	SPRING PRESSURE ARM	0744-000-252R	1	•						
53	MOTOR	0744-000-253R	1	•						
54	WOODROF KEY	0646-231-102R	1	•						
55	EURO SOCKET	R-8040-294-1R	1	•						
56	OUTLET GUIDE	R-2010-017-1R	1	•						

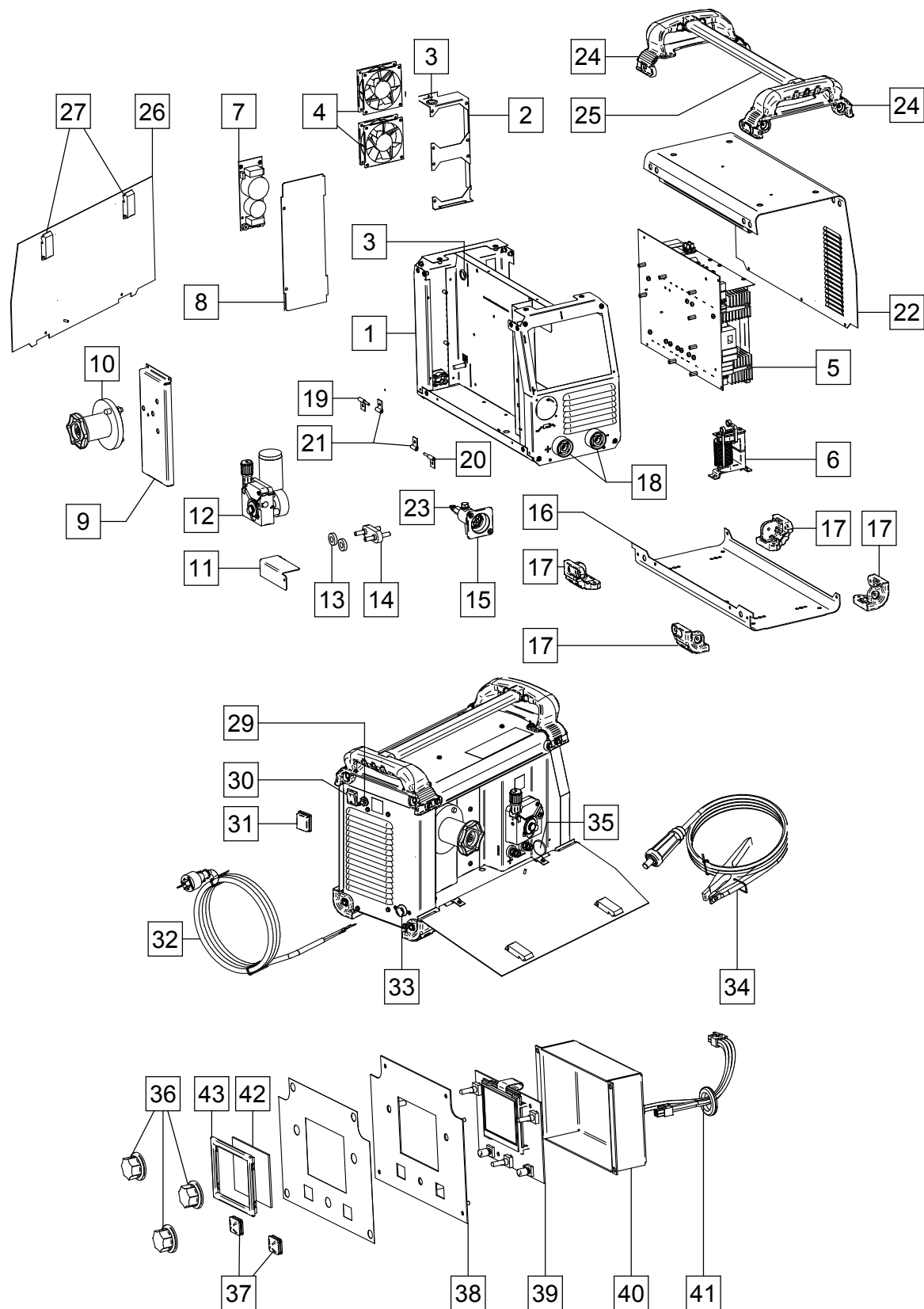
Miscellaneous Items (not shown in figure A, B, C)

Item	Description	Part Number	QTY	1	2	3	4	5	6	7
57	WIRING HARNESS	R-5041-250-1R	1	•						
58	GROUNG WIRE	R-5041-250-6R	1	•						
59	WIRING HARNESS	R-5041-250-8R	1	•						
60	WIRE	R-5041-275-1R	1	•						
61	WIRE	R-5041-275-2R	1	•						
62	WIRE	R-5041-276-1R	1	•						
63	VARISTOR	R-5041-278-1R	1	•						
64	VRD HARNESS	R-5041-290-1R	1	•						

Electrical Schematic

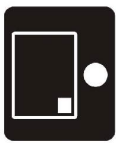


SPEEDTEC® 200C



Description	Ref.	Recycle				ST				
		Fe	Al	Cu	Brass	Boards	Plastics	Liquid Cristal	External Electric Cables	Capacitors
RACK	1	X								
COVER	2,	X								
COVERS	8, 11, 16, 22, 45		X							
LOCK	27						X			
LEFT SIDE PANEL	26		X							
FAN	4			X			X			
HINGLE	19, 20, 21	X								
P.C. BOARDS	5, 7					X				
P.C. BOARD	39					X		X		
WIRE REEL SPINDLE	10	X					X			
SUPPORT	9	X								
EURO SOCKET	23				X					
EURO SLEEVE	15						X			
SOCKET	18	X		X			X			
SWITCHES	30	X			X					
BLACK FLAME SHIELD	31						X			
KNOBS	36						X			
BUTTONS	37						X			
GAS SOLENOID	29	X		X	X					
INSULATOR RING	13						X			
WIRE FEEDER	12	X		X			X			
TERMINAL BLOCK	14				X		X			
POWER LEAD	32			X	X		X			
CORNER CAPS	17						X			
HANDLES	24						X			
HANDLE	25		X							
WORK LEAD	34								X	
RUBBER CABLE BUSH	3, 35						X			
CABLE RELIEF	33						X			
CHOKE	6	X		X			X			
FRONT PANEL	38	X		X						
PROTECTIVE SCREEN	42						X			
FRAME	43						X			
WIRING HARNESS	41								X	

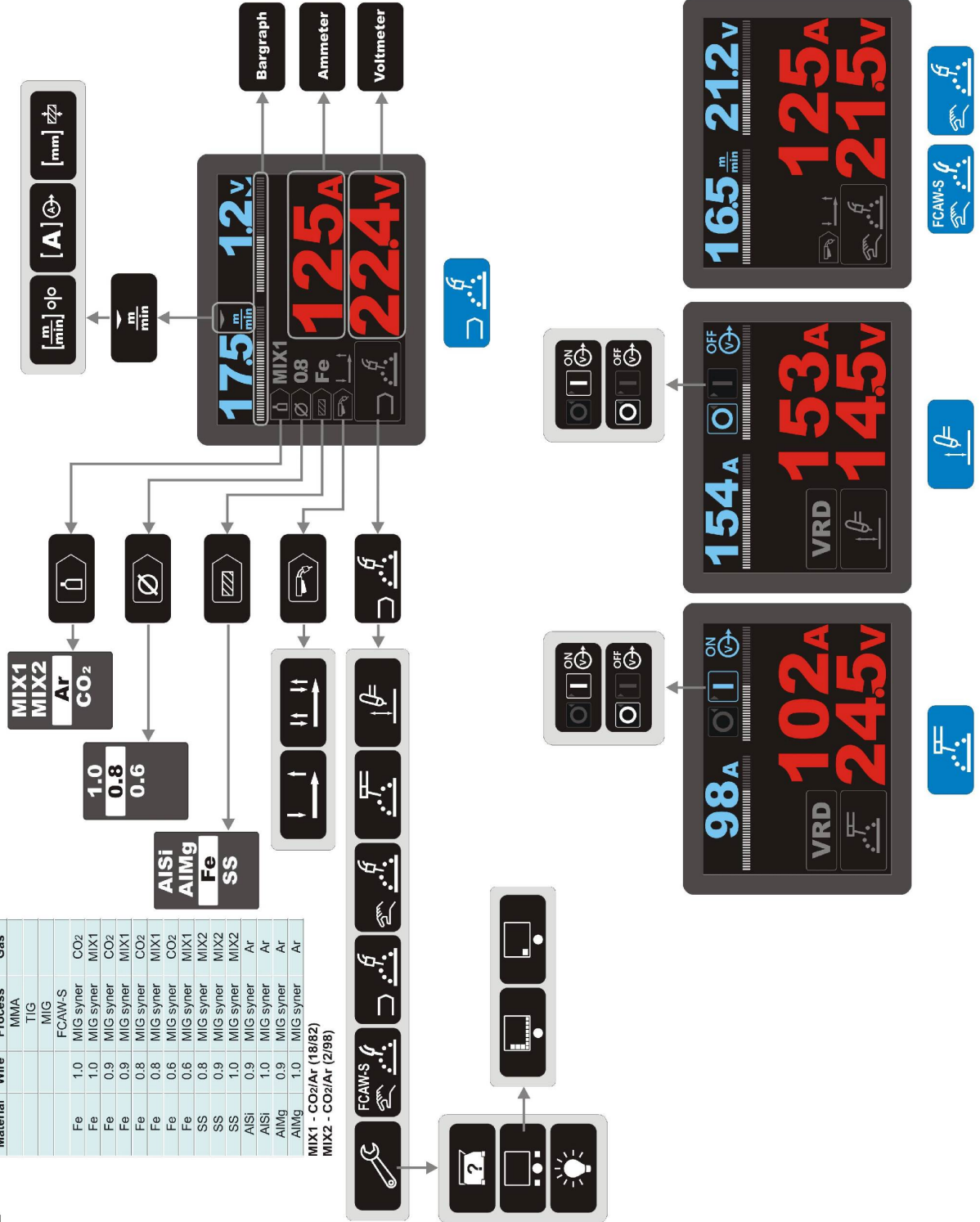
QUICK GUIDE II BASIC MENU



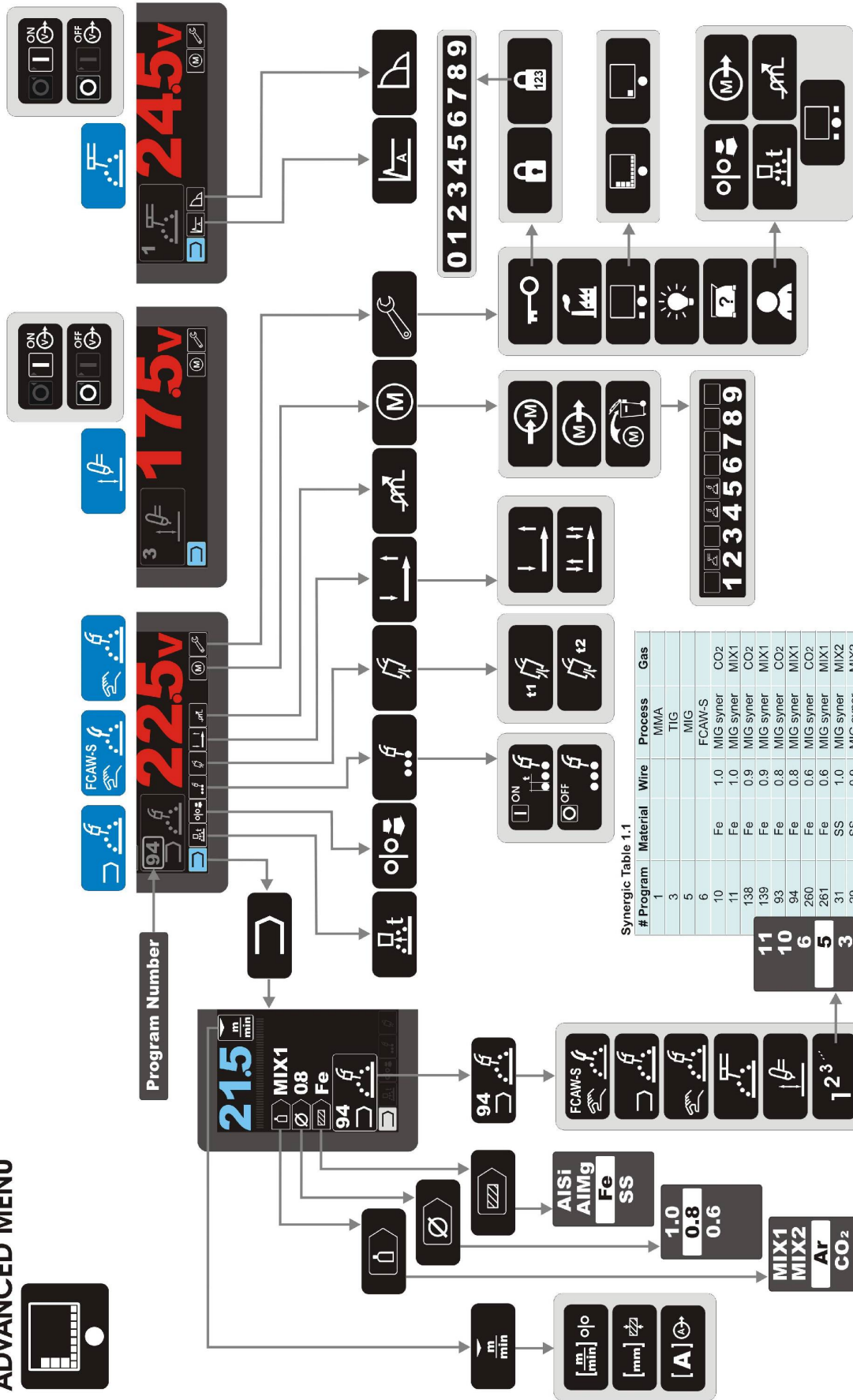
Synergic Table 1.1

Material	Wire	Process	Gas
		MMA	
		TIG	
		MIG	
		FCAW-S	
Fe	1.0	MIG syner	CO ₂
Fe	1.0	MIG syner	MIX1
Fe	0.9	MIG syner	CO ₂
Fe	0.9	MIG syner	MIX1
Fe	0.8	MIG syner	CO ₂
Fe	0.8	MIG syner	MIX1
Fe	0.6	MIG syner	CO ₂
Fe	0.6	MIG syner	MIX1
SS	0.8	MIG syner	MIX2
SS	0.9	MIG syner	MIX2
SS	1.0	MIG syner	MIX2
AlSi	0.9	MIG syner	Ar
AlSi	1.0	MIG syner	Ar
AlMg	0.9	MIG syner	Ar
AlMg	1.0	MIG syner	Ar

MIX1 - CO₂/Ar (18/82)
MIX2 - CO₂/Ar (2/98)



QUICK GUIDE III ADVANCED MENU



Synergic Table 1.1

# Program	Material	Wire	Process	Gas
1			MMA	
3			TIG	
5			MIG	
6			FCAW-S	
10	Fe	1.0	MIG syner	CO ₂
11	Fe	1.0	MIG syner	MIX1
138	Fe	0.9	MIG syner	CO ₂
139	Fe	0.9	MIG syner	MIX1
93	Fe	0.8	MIG syner	CO ₂
94	Fe	0.8	MIG syner	MIX1
260	Fe	0.6	MIG syner	CO ₂
261	Fe	0.6	MIG syner	MIX1
31	SS	1.0	MIG syner	MIX2
29	SS	0.9	MIG syner	MIX2
61	SS	0.8	MIG syner	MIX2
148	AlSi	1.0	MIG syner	Ar
146	AlSi	0.9	MIG syner	Ar
151	AlMg	1.0	MIG syner	Ar
147	AlMg	0.9	MIG syner	Ar

MIX1 - CO₂/Ar (18/82)
MIX2 - CO₂/Ar (2/98)