

YARDTEC® 300C STANDARD

Spare Parts.....	1
Figure A: Machine Assembly	2
Figure B: Inside Machine Assembly	3
Figure C: Wire Drive Assembly	4
Figure D: Front Assembly.....	5
Miscellaneous Items (not shown in figure A, B, C, D).....	5
Electrical Schematic.....	6
CODE: 50692, 50736	6



Lincoln Electric Bester Sp. z o.o.
ul. Jana III Sobieskiego 19A, 58-260 Bielawa, Poland
www.lincolnelectric.eu

Spare Parts

SP50692, SP50736 REV02
01/2025

ASSEMBLY PAGE NAME			Machine Assembly	Inside Machine Assembly	Wire Drive Assembly	Front Assembly	Miscellaneous Items	
CODE NO.:	K NO.:	FIGURE NO.:	A	B	C	D	-	
50692	K14421-1	YARDTEC 300C STANDARD	1	1	1	1	1	
50736	K14421-1	YARDTEC 300C STANDARD	2	2	2	2	2	

*items highlighted in bold are recommended spare parts

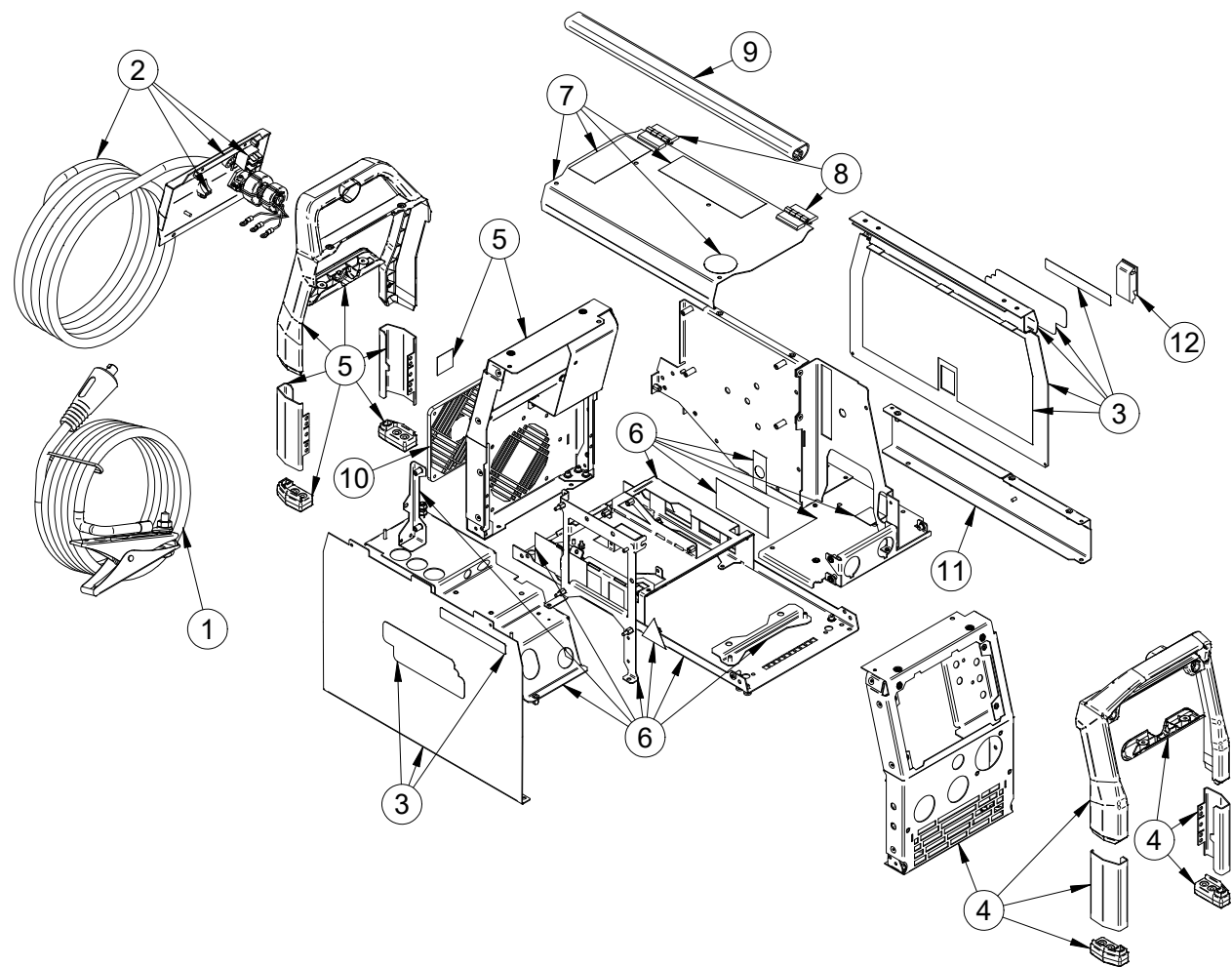


Figure A

Figure A: Machine Assembly

Item	Description	Part Number	QTY	1	2	3	4	5	6	7
1	WORK LEAD	D-5578-176-2R	1	X	X					
2	POWER LEAD+MAIN SWITCH+FUSE HOLDER+FUSE+BACK PANEL	R-8040-532-1R	1	X	X					
3	SIDE PANEL KIT includes:	T-8040-231-1R	1	Not available	X					
	SIDE PANEL		1							
	LINCOLN ELECTRIC SIDE LABEL		2							
	YARDETEC® LABEL		2							
	SIDE PANEL		1							
	SIDE PANEL		1							
	LABEL		1							
4	FRONT PANEL KIT includes:	T-8040-232-1R	1	Not available	X					
	FRONT PANEL ASSEMBLY		1							
	FRAME CASE B		1							
	RED CAP		1							
	FOOT LEFT		1							
	FOOT RIGHT		1							
	BRACKET		2							
5	REAR PANEL KIT includes:	T-8040-232-2R	1	Not available	X					
	BACK PANEL ASSEMBLY		1							
	FRAME CASE B		1							
	RED CAP		1							
	FOOT LEFT		1							
	FOOT RIGHT		1							
	BRACKET		2							
	LABEL		1							
6	BASE, PARTITION, SHELF KIT includes:	T-8040-233-1R	1	Not available	X					
	BRACKET		1							
	BRACKET		1							
	BRACKET		1							
	BASE ASSEMBLY		1							
	SHELF ASSEMBLY		1							
	SHELF ASSEMBLY		1							
	PARTITION ASSEMBLY		1							
	LABEL		1							
	LABEL HAZARDOUS VOLTAGE		2							
	PLAQ SYMB HT DANGER		2							
	LABEL		1							
7	COVER KIT includes:	T-8040-234-1R	1	X	X					
	TOP COVER ASSEMBLY		1							
	WARNING LABEL		1							
	LABEL		1							
	LABEL		1							
8	DOOR LATCH LF37/38	0654-610-007R	2	X	X					
9	HANDLE L= 440,5MM	W92X0228-4R	1	X	X					
10	FAN FINGER GUARD BLACK 120X120	0873-100-023R	1		X					
11	SIDE PANEL ASSEMBLY	R-3019-758-1R	1	Not available	X					
12	DOOR LATCH PT,LF	0654-610-004R	1	X	X					

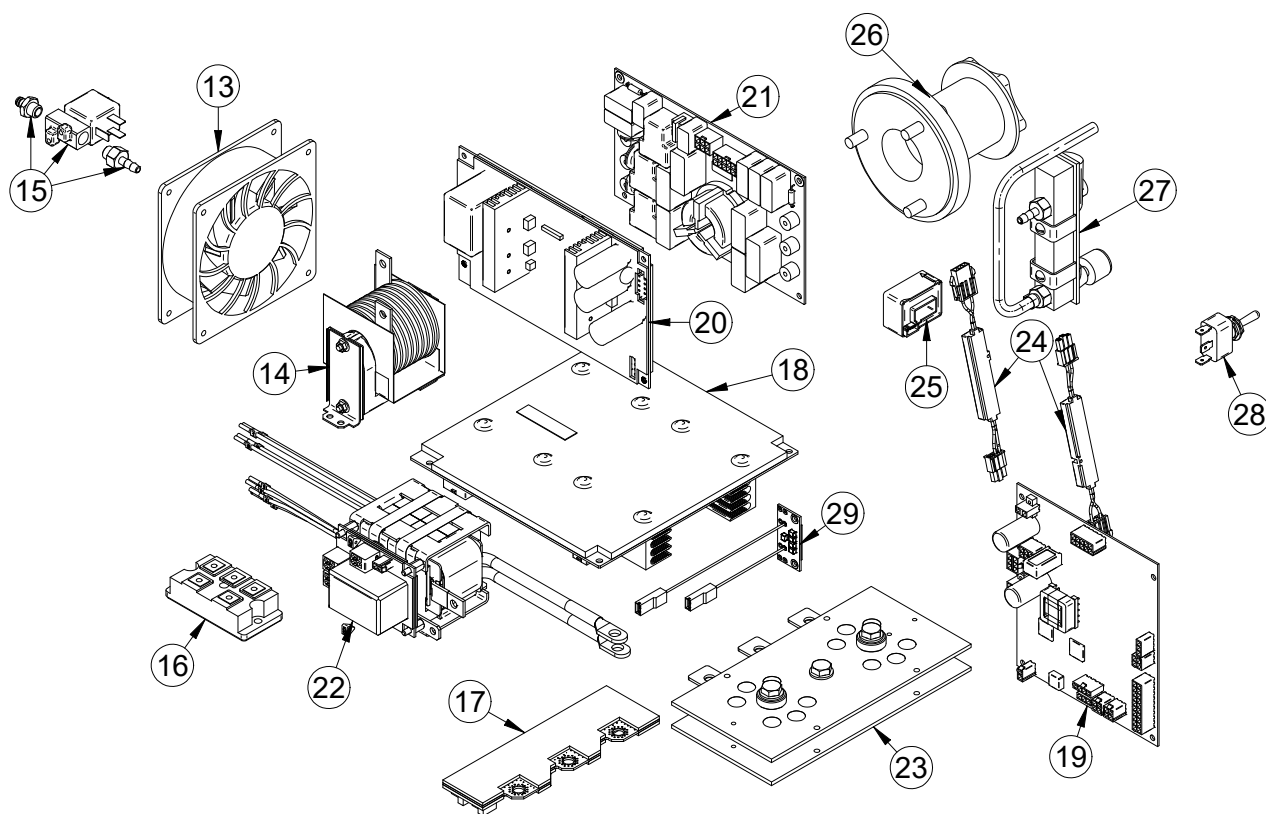


Figure B

Figure B: Inside Machine Assembly

Item	Description	Part Number	QTY	1	2	3	4	5	6	7
13	FAN	R-8040-433-1R	1	X	X					
14	CHOKE	R-0000-424-1R	1	X	X					
15	SOLENOID VALVE KIT	T-8040-235-1R	1							
	GAS SOLENOID 24VDC 50L/MIN		1							
	HOSE CONNECTOR		1	X	X					
	PLUG FOR QUICK CONNECTOR		1							
16	INPUT RECTIFIER V1	W4100021R	1	X	X					
17	OUTPUT AND FILTER BOARD	Y087-1ER	1	X	X					
18	UNIVERSAL SiC INVERTER	Y092-7ER	1	X	X					
19	CONTROL BOARD	R-6042-143-2R	1	X	X					
20	PCB POWER POTTING	Y058-2ER	1	X	X					
21	3PH INPUT FILTER	Y051-1R	1	X	X					
22	TRANSFORMER ASSEMBLY	R-8040-533-1R	1	X	X					
23	OUTPUT BRIDGE YARDTEC	R-0000-429-1R	1	X	X					
24	LED MODULE	R-5041-508-1R	2	X	X					
25	CURRENT SENSOR 4V 300A +/-15V	1157-769-157R	1	X	X					
26	REEL HUB COMPLETE	R-2013-126-1R	1	X	X					
27	GAS FLOW INDICATOR	R-8040-353-1R	1	X	X					
28	TOGGLE SWITCH HY29J	1115-280-004R	1	X	X					
29	OUTPUT EMC-FILTER	Y097-1R	1	X	X					

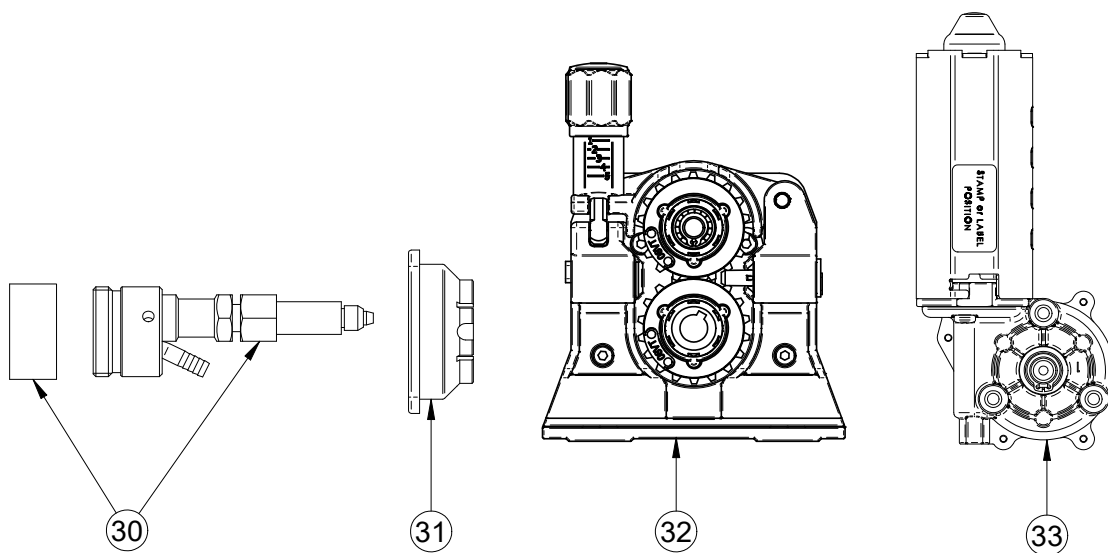


Figure C

Figure C: Wire Drive Assembly

Item	Description	Part Number	QTY	1	2	3	4	5	6	7
30	EURO SOCKET ASSEMBLY	R-8040-524-1R	1	X	X					
31	COVER EURO	0646-231-005R	1	X	X					
32	WIRE DRIVE SWISSFEED ST2	0744-000-346R	1	X	X					
33	MOTOR ELVI 100850 FC 24V/30W	1111-722-050R	1	X	X					

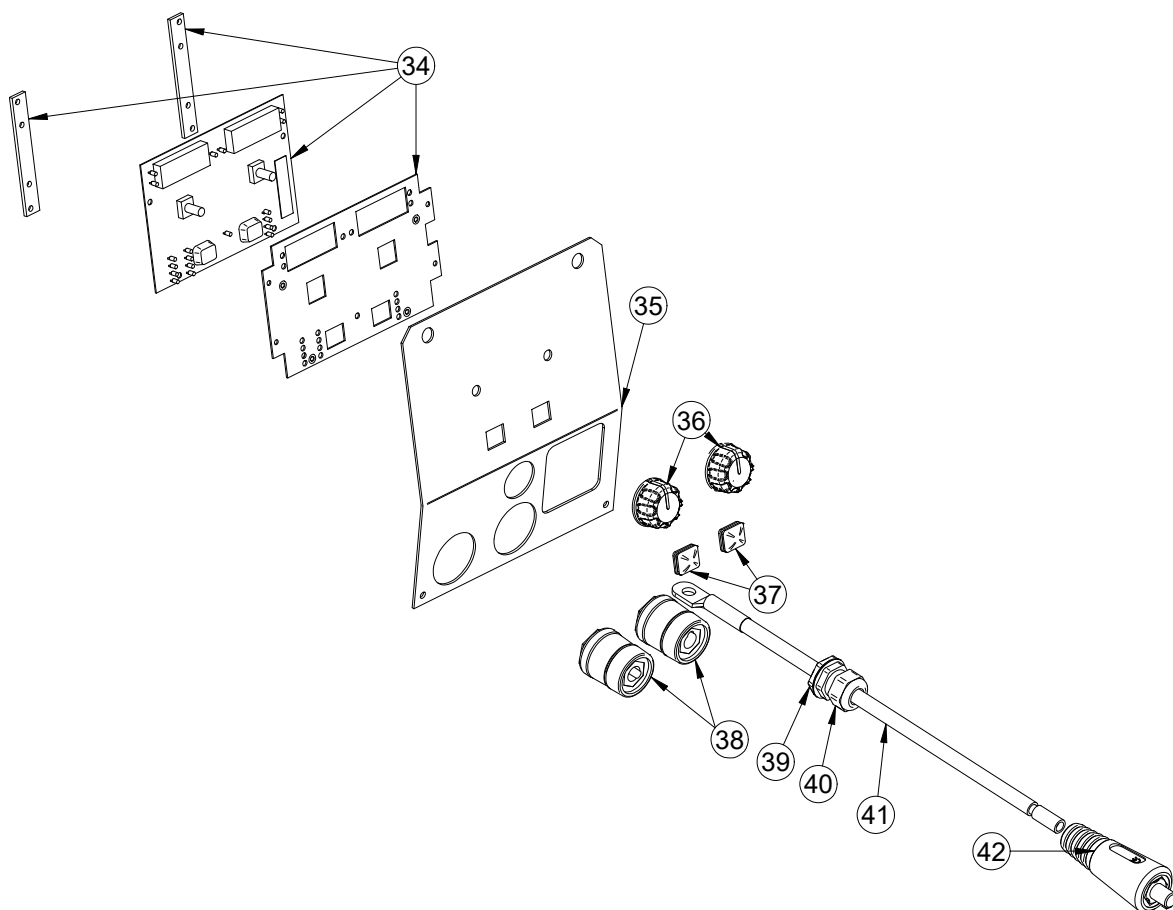


Figure D

Figure D: Front Assembly

Item	Description	Part Number	QTY	1	2	3	4	5	6	7
34	UI ASSEMBLY	R-8040-528-2R	1	X	X					
35	FRONT PANEL	R-0000-425-1R	1	X	X					
36	KNOB, 1.5"	9SM22778-2	2	X	X					
37	BUTTON COVER	9SS23055	2	X	X					
38	SOCKET	2EINN0500FR	2	X	X					
39	CABLE CLAMP NUT	W8400007R	1	X	X					
40	INLET CABLE CLAMP (V160)	W8400006R	1	X	X					
41	POLARITY CHANGE HARNESS	R-5041-711-1R	1	X	X					
42	WELD PLUG MALE 35-50MM2	C-2970-001-1R	1	X	X					

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

Item	Description	Part Number	QTY	1	2	3	4	5	6	7
43	HARNESSES KIT	T-8040-236-1R	1	Not available	X					

Electrical Schematic

CODE: 50692, 50736

