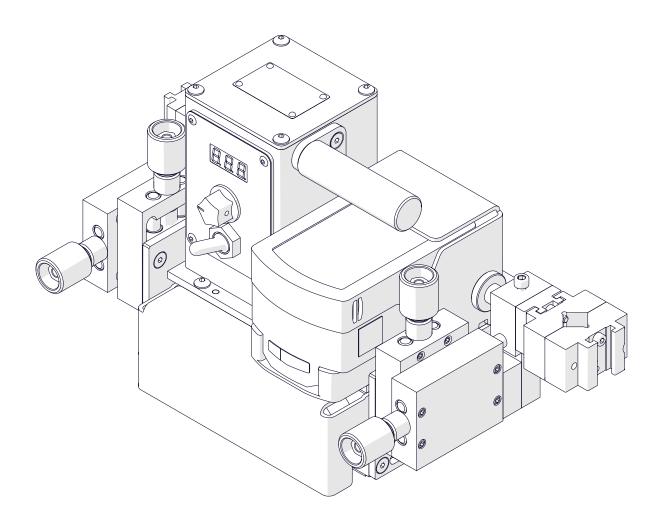


The tools of innovation.

OPERATOR'S MANUAL

Eco RunnerWELDING CARRIAGE



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1. GENERAL INFORMATION

1.1. Application

The Eco Runner is a battery-powered welding carriage designed to make fillet welds by using MIG/MAG torches. It is clamped to the surface with permanent magnets.

An optional magnet blocks increase the clamping force. An optional power supply can be used to connect the carriage to a 110–240 V power source.

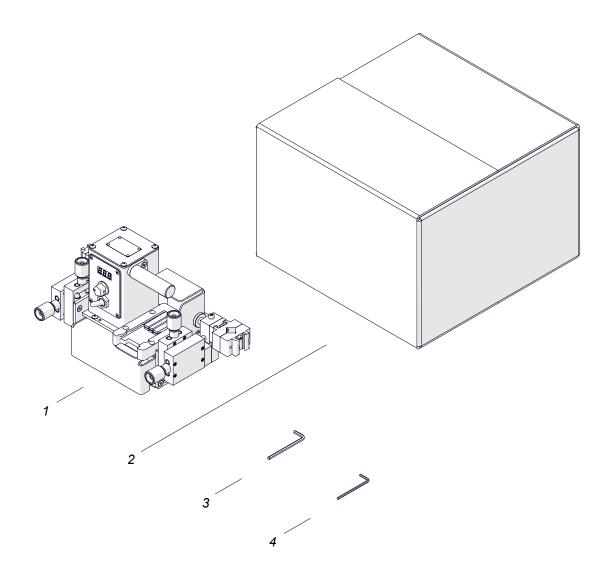
1.2. Technical data

Voltage	18 V DC, 5.2 Ah
Power	25 W
Welding position (according to EN ISO 6947 and AWS/ASME)	PA / 1F
Welding position (according to LIV 130 0947 and AVVS/ASIVIL)	PB / 2F
Torch type	MIG/MAG
Torch diameter	16–22 mm (0.63–0.87")
Maximum allowed cable weight for horizontal work	8 kg (18 lbs)
Minimum workpiece thickness	4 mm (0.16")
Ground clearance	4 mm (0.16")
Horizontal pulling force	150 N (33 lbs)
Cross elides ediustment renge	0–21 mm (0–0.83")
Cross slides adjustment range	up-down, left-right
Horizontal speed*	5–110 cm/min
nonzoniai specu	(2–44 in/min)
Weight (without the battery)	7.6 kg (16.8 lbs)

^{*} When the battery is fully charged.



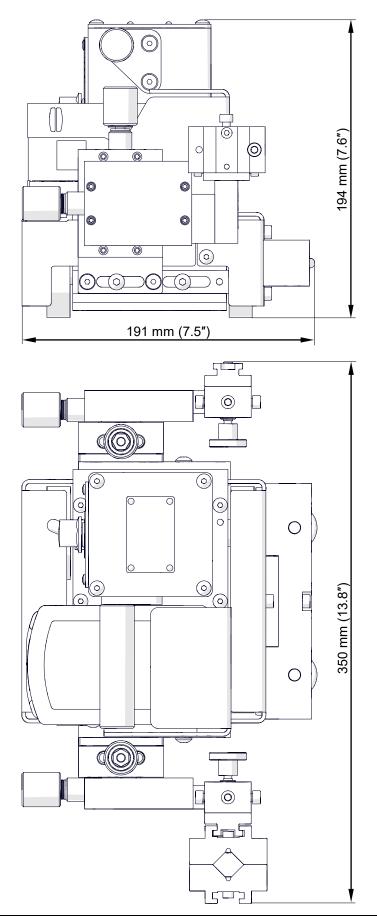
1.3. Equipment included



1	Carriage	1 unit
2	Cardboard box	1 unit
3	4 mm hex wrench	1 unit
4	3 mm hex wrench	1 unit
_	Operator's Manual	1 unit



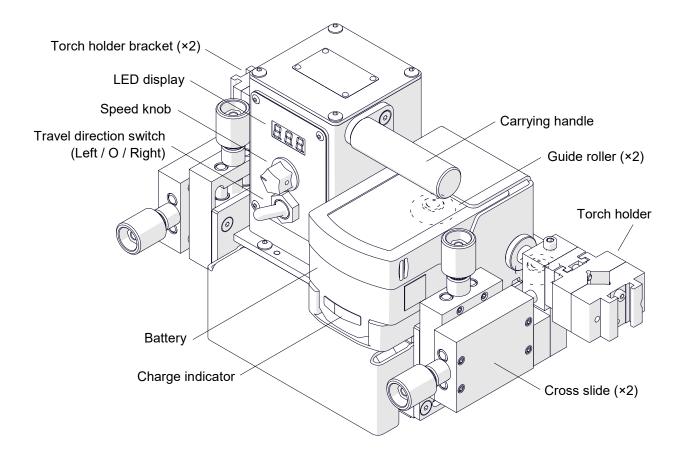
1.4. Dimensions



Eco Runner – Operator's Manual



1.5. Design





2. SAFETY PRECAUTIONS

- 1. Before you start, read this Operator's Manual and complete occupational safety and health training.
- 2. Use only in applications specified in this Operator's Manual.
- 3. Make sure that the carriage has all parts and they are genuine and not damaged.
- 4. Make sure that the specifications of the power source are the same as those specified on the rating plate.
- 5. When you use a power supply, connect it to a correctly grounded power source.
- 6. Do not carry the carriage by the cords, and do not pull them. This can cause damage and electric shock.
- 7. Keep untrained bystanders away from the carriage.
- 8. Before each use, ensure the correct condition of the carriage, battery, power supply, power source, cords, control parts, rollers, and wheels.
- 9. Before each use, make sure that no part is cracked or loose. Make sure to maintain correct conditions that can have an effect on the operation of the carriage.
- 10. Keep the carriage dry. Do not expose it to rain, snow, or frost.
- 11. Keep the work area well lit, clean, and free of obstacles.
- 12. Do not use near flammable materials, or in explosive environments.
- 13. Move and put the carriage by using the carrying handle.
- 14. Put the carriage so that all four wheels are on the surface. Make sure that no contact is between the surface and chassis.
- 15. Install the battery / power supply only after you set the travel direction switch to the middle position.
- 16. Install only torches whose diameter matches the diameter of the torch holder.
- 17. Make sure that the torch cables are not on the surface. Hang them to decrease the load on the carriage. Use only cables whose weight is not more than 8 kg (18 lbs).
- 18. At heights, use a protection to not let the carriage fall.
- 19. Do not stay below the carriage that is put at heights.
- 20. Use ear and eye protection (helmet, shield, and screen), gloves, and protective clothing. Do not use loose clothing.
- 21. Do not try to stop the travel by hand. To stop, set the travel direction switch to the middle position.
- 22. Maintain only after you remove the battery / power supply.



- 23. Repair only in a service center appointed by the seller.
- 24. If the carriage falls, is wet, or has any damage, stop the work and promptly send the carriage to the service center for check and repair.
- 25. Do not leave the carriage unattended during work.
- 26. If you are not going to use the carriage, remove it from the worksite and keep it in a safe and dry place.



3. STARTUP AND OPERATION

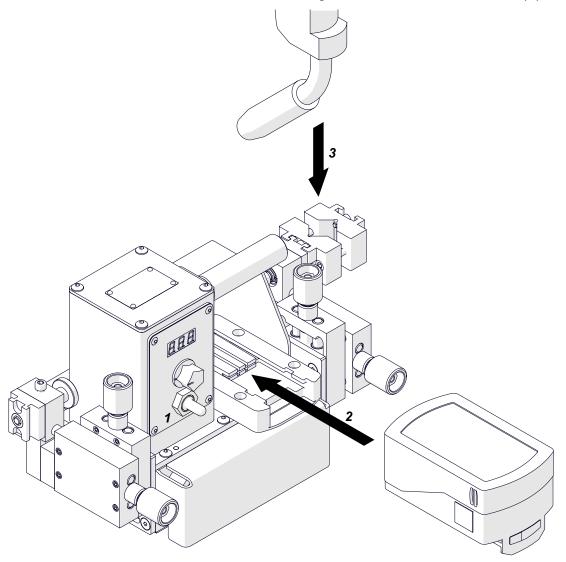
3.1. Operating

Put the battery into the charger. Let the battery charge until the light on the charger stops flashing and stays on.

Use the carrying handle to move the carriage to the worksite. Set the travel direction switch to the middle position (1) and put the battery onto the carriage (2).

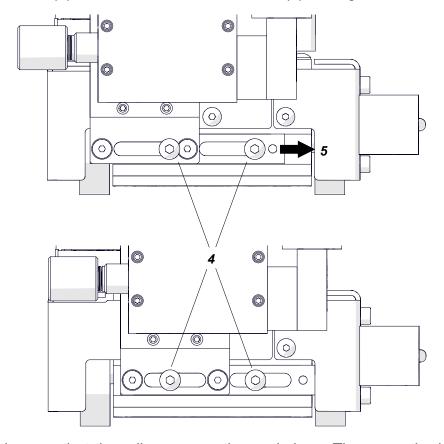
Then, the display comes on (B.B.B.). Next, if the unit of speed is set to centimeters per minute, E u r shows. If the unit is set to inches per minute, U s shows.

Use the 3 mm and 4 mm hex wrenches to tighten the torch in the holder (3).

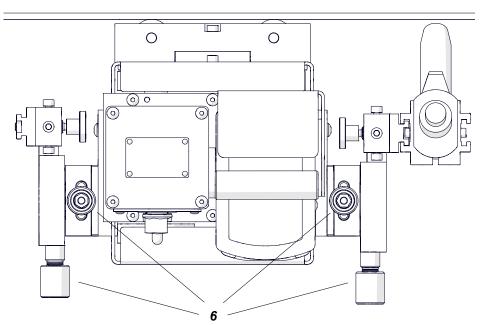




To work in narrow spaces, adjust the position of the cross slides. On the two sides, loosen the screws (4). Then, move the cross slides (5) and tighten the screws (4).



Put the carriage so that the rollers are on the workpiece. Then, use the knobs (6) to put the torch in the welding joint.





Use the speed knob to set the required speed. Use the travel direction switch to select a direction of travel. This will start the travel with the speed that is shown.

To stop the travel, set the travel direction switch to the middle position.

If you do not use the carriage for 2.5 minutes, it goes to the sleep mode. To go back from the sleep mode, use a travel direction switch. When the battery is discharged, the travel stops. Then, recharge the battery. To check the charge level, press the button on the charge indicator.

After the work is finished, remove the battery / power supply.

3.2. Troubleshooting

Message	Problem	Solution
9.55.	Not all display segments are on after powering.	Contact service center for check and repair.
Eur	Speed is shown in centimeters per minute instead of inches per minute.	Contact service center.
<i>U</i> 5	Speed is shown in inches per minute instead of centimeters per minute.	Contact service center.
Err	Travel direction switch is not set to the middle position when powering.	Set the travel direction switch to the middle position.
6AE	Battery discharged. The carriage stops.	Charge the battery or replace to a fully charged.



4. MAINTENANCE

Each day:

- 1. Clean the chassis, rollers, and wheels.
- 2. Make sure that the rollers rotate freely.
- 3. Clean the torch nozzle. Replace if damaged.
- 4. Examine the battery. Replace if damaged.

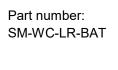
Each month:

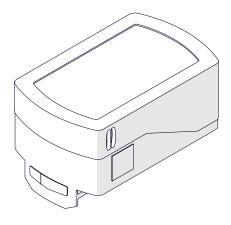
- 1. Make sure that the knob and the switch work as intended. Replace if loose or damaged.
- 2. Examine cables and cords. Replace if damaged.
- 3. Tighten screws if loose.



5. ACCESSORIES

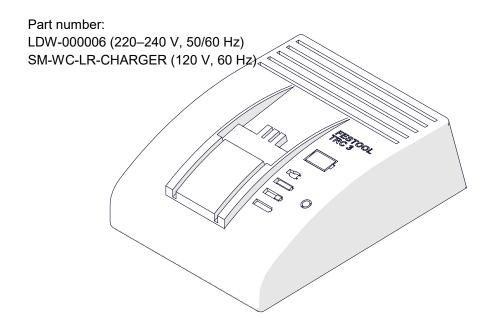
5.1. Battery 5.2 Ah





5.2. Battery charger

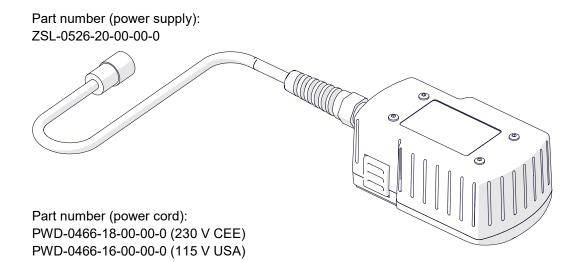
Recharges the battery from 220–240 V or 120 V power source.

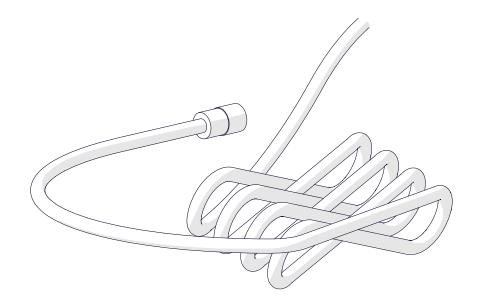




5.3. Power supply and power cord

Allows connecting the carriage to a 110–240 V power source instead using the battery. The length of the power cord is 3 m (10 ft).

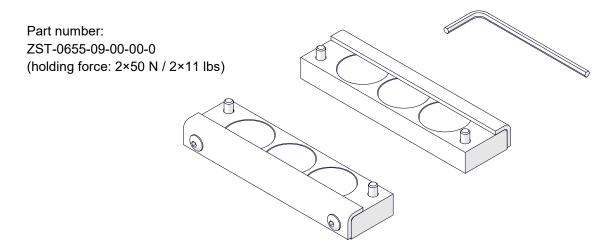




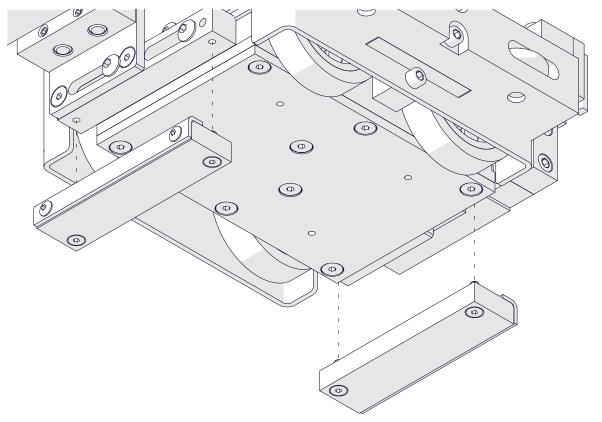


5.4. Auxiliary magnet blocks

The blocks increase the clamping force of the carriage.



Use the 2.5 mm hex wrench to attach the blocks to the carriage.

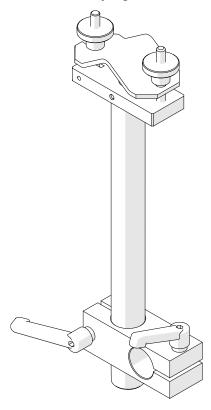




5.5. Cable anchor

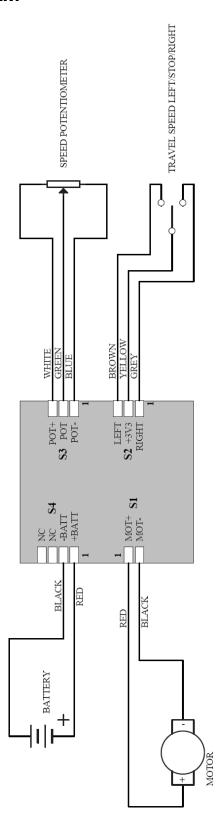
Attaches the gas cables and the power cord to decrease the load applied on the torch holder. Install the anchor on the carrying handle.

Part number: PDT-0526-21-00-00-0



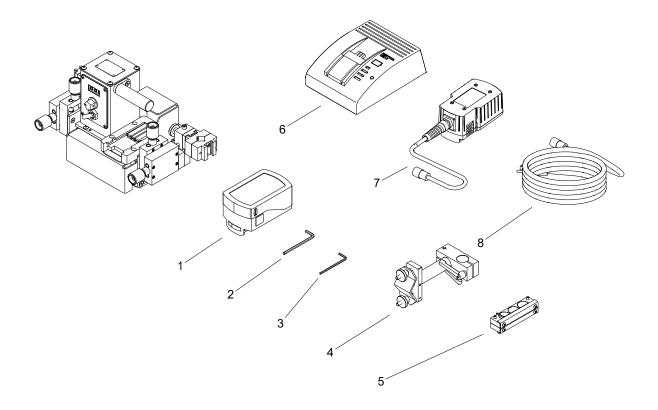


6. WIRING DIAGRAM





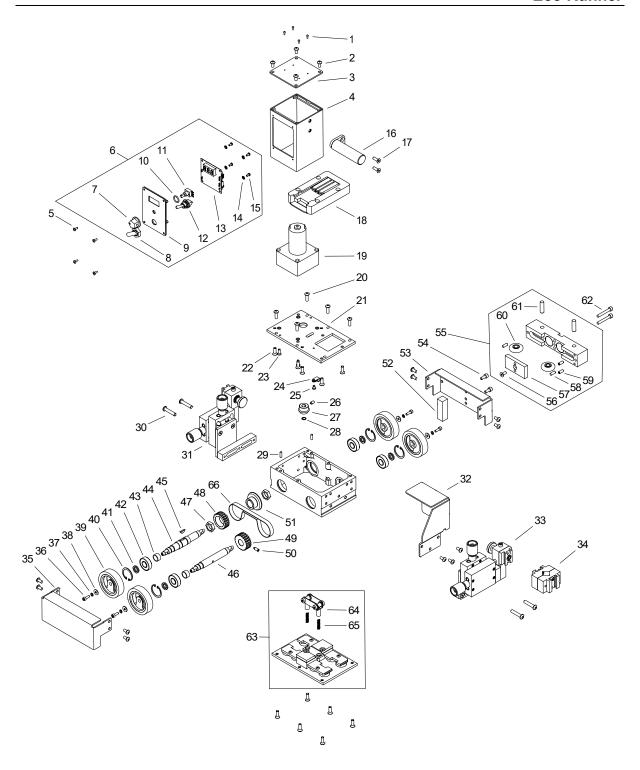
7. EXPLODED VIEWS AND PARTS LIST



ITEM	PART NUMBER	DESCRIPTION	Q-TY
1*	SM-WC-LR-BAT	BATTERY 5.2 Ah	1
2	KLC-000007	4 MM HEX WRENCH	1
3	KLC-000006	3 MM HEX WRENCH	1
4**	UCW-0655-08-00-00-0	CABLE ANCHOR	1
5	ZST-0655-09-00-00-0	MAGNET SET ASSY	1
6**	LDW-000006	BATTERY CHARGER 230V	1
6**	SM-WC-LR-CHARGER	BATTERY CHARGER 120V	1
7**	ZSL-0526-20-00-00-0	POWER SUPPLY	1
8**	PWD-0466-16-00-00-0	POWER CORD 115V (US)	1
8**	PWD-0466-18-00-00-0	POWER CORD 230V (CEE)	1
8**	PWD-0466-21-00-00-0	POWER CORD 230V (AU)	1
8**	PWD-0466-28-00-00-0	POWER CORD 230V (UK)	1
8**	PWD-0466-31-00-00-0	POWER CORD 230V (INDIA)	1

^{*} recommended to store
** option





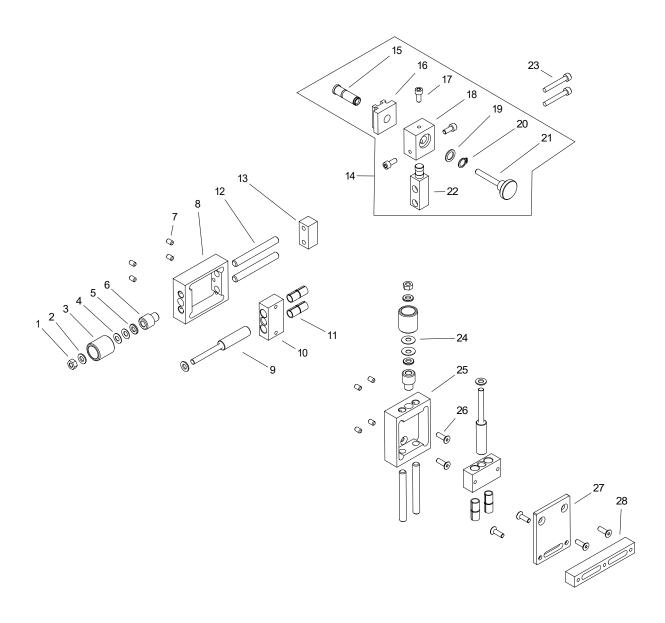


1	ITEM	PART NUMBER	DESCRIPTION	Q-TY
3 PKR-0655-02-02-10-0 COVER	1	NIT-000014	RIVET 2x6	4
PKR-0655-02-02-01-0 COVER	2	WKR-000096	HEX SOCKET BUTTON HEAD SCREW M5x10	15
S WKR-000313	3	PKR-0655-02-02-01-0		1
6 PNL-0655-02-02-20-0 CONTROL PANEL ASSY 7* PKT-000028 POTENTIOMETER KNOB 1 1* PKT-000028 POTENTIOMETER KNOB 1 1* SC-000036 LEVER SWITCH COVER 1 1 PRS-000095 O-RING 12x2 1 10 PRS-000095 O-RING 12x2 1 11* WZK-0655-02-02-40-0 POTENTIOMETER WIRE SET 1 12* WZK-0270-17-00-00-0 LEVER SWITCH ASSY 1 13* MDL-0655-80-01-00-0 ELECTRONIC MODULE 1 14* PDK-000058 EXTERNAL TOOTH LOCK WASHER 3.2 4 15 WKR-000181 CROSS RECESSED PAN HEAD SCREW M3x6 4 16 RKJ-0655-02-03-00-0 HANDLE ASSY 1 17 WKR-000181 CROSS RECESSED PAN HEAD SCREW M5x16 2 18 GNZ-0655-02-03-00-0 BATTERY SOCKET COUNTERSUNK HEAD SCREW M5x16 2 19* SLN-0466-01-06-10-0 MOTOR ASSY 1 19* SLN-0466-01-06-10-0 MOTOR ASSY 1 20 WKR-000098 HEX SOCKET BUTTON HEAD SCREW M5x16 5 21 PLY-0655-02-01-00-0 MOTOR PLATE 1 22 WKR-000131 HEX SOCKET COUNTERSUNK HEAD SCREW M5x16 5 23 WKR-000131 HEX SOCKET COUNTERSUNK HEAD SCREW M5x16 1 24 OBJ-000002 WIRE CLAMP F1 4 MM 1 25 WKR-000028 HEX SOCKET COUNTERSUNK HEAD SCREW M4x12 4 26 WKR-000028 HEX SOCKET BUTTON HEAD SCREW M4x12 4 27 KOL-0270-02-02-00-0 BEVEL GEAR z=17 1 28 PRS-000040 HEX SOCKET BUTTON HEAD SCREW M4x6 1 29 KLK-000033 DOWEL PIN 4n6x12 2 20 WKR-000104 HEX SOCKET BUTTON HEAD SCREW M4x6 1 30 WKR-000104 HEX SOCKET BUTTON HEAD SCREW M6x30 4 31 PRW-0655-04-00-00-0 BATTERY COVER 1 33 PRW-0655-04-00-00-0 BATTERY COVER 1 34* ZCS-0270-42-00-00-0 CLAFFINING RING 8w 1 35 OSL-0655-05-00-00-0 BATTERY COVER 1 36 SRB-000062 HEX SOCKET BUTTON HEAD SCREW M4x12 4 37 PDK-000018 ROUND WASHER 4.1 4 38 PDK-000108 ROUND WASHER 4.1 4 39 PDK-000018 ROUND WASHER 4.1 4 40 PDK-0055-01-00-00-0 LEFT GUIDE ASSY 1 41 PDK-0655-01-00-00-0 LEFT GUIDE ASSY 1 42 PDK-000018 ROUND WASHER 4.1 4 44 PRS-000018 ROUND WASHER 4.1 4 45 PDK-000019-00-00-0 LEFT GUIDE ASSY 1 46 WLK-0655-01-00-00-0 LEFT GUIDE ASSY 1 47 PDK-0655-01-00-00-0 LEFT GUIDE ASSY 1 48 PDK-000108 ROUND WASHER 4.1 4 49 PDK-0655-01-00-00-0 LEFT GUIDE ASSY 1 40 PDK-0655-01-00-00-0 LEFT GUIDE ASSY 1 41 PDK-0655-01-00-00-0 REAR SHAFT 1 1 42 WKR-00011-00-00-0 PULLEY I 1 43 WKR-00011-14-00-0 PULLEY I 1 44 WKR-0000	4		MODULE BODY ASSY	1
6 PNL-0655-02-02-20-0 CONTROL PANEL ASSY 1 7* PKT-000028 POTENTIOMETER KNOB 1 8* OSL-000036 LEVER SWITCH COVER 1 9 MSK-0655-02-02-21-0 PANEL PLATE ASSY 1 10 PRS-000095 O-RING 12x2 1 11* WZK-0655-02-02-40-0 POTENTIOMETER WIRE SET 1 12* WZK-0270-17-00-00-0 LEVER SWITCH ASSY 1 13* MDL-0655-80-01-00-0 LEVER SWITCH ASSY 1 14* PZK-000058 EXTERNAL TOOTH LOCK WASHER 3.2 4 15 WKR-000181 CROSS RECESSED PAN HEAD SCREW M3x6 4 16 RKJ-0655-02-03-00 HANDLE ASSY 1 17 WKR-000136 HEX SOCKET COUNTERSUNK HEAD SCREW M5x16 2 18 GNZ-0655-02-03-00-0 BATTERY SOCKET ASSY 1 19* SLN-0466-01-06-10-0 MOTOR ASSY 1 19* SLN-0466-01-06-10-0 MOTOR ASSY 1 22 WKR-000136 HEX SOCKET BUTTON HEAD SCREW M5x16 5 21 PLY-0655-02-01-00-0 MOTOR PLATE 1 22 WKR-000131 HEX SOCKET BUTTON HEAD SCREW M5x16 5 23 WKR-000131 HEX SOCKET COUNTERSUNK HEAD SCREW M5x16 1 24 WKR-000136 HEX SOCKET BUTTON HEAD SCREW M5x16 1 25 WKR-000020 WIRE CLAMP F1 4 MM 1 25 WKR-000020 WIRE CLAMP F1 4 MM 1 25 WKR-000020 HEX SOCKET BUTTON HEAD SCREW M4x12 4 26 WKR-000020 HEX SOCKET BUTTON HEAD SCREW M4x12 4 27 KOL-0270-02-02-00-1 BEVEL GEAR z=17 1 28 PRS-000040 HEX SOCKET BUTTON HEAD SCREW M4x6 1 30 WKR-000104 HEX SOCKET BUTTON HEAD SCREW M4x6 1 31 PRW-0655-04-00-00-0 BATTERY COVER 1 32 OSL-0655-05-00-00-0 BATTERY COVER 1 33 PRW-0655-04-00-00-0 LEFT GUIDE ASSY 1 34* ZCS-0270-42-00-00-0 LEFT GUIDE ASSY 1 34* ZCS-0270-42-00-00-0 LEFT GUIDE ASSY 1 35 OSL-0655-05-00-00-0 BATTERY COVER 1 36 SRB-000062 HEX SOCKET BUTTON HEAD SCREW M4x12 4 40 PRS-000018 ROUND WASHER 4.3 4 41 PDK-0055-01-05-00-0 BATTERY COVER 1 43 PDK-000108 ROUND WASHER 4.3 4 40 PRS-000018 ROUND WASHER 4.3 4 41 PDK-0655-01-05-00-0 REAR SHAFT 1 42 WLK-0655-01-03-00-0 REAR SHAFT 1 43 WC-0655-01-03-00-0 REAR SHAFT 1 44 WLK-0655-01-03-00-0 REAR SHAFT 1 45 WKR-00011-14-00-0 PULLEY I 1 46 WLK-000011-14-00-0 PULLEY I 1 47 NKR-00011-14-00-0 PULLEY I 1 48 KOL-0270-01-14-00-0 PULLEY I 1 49 KOL-0270-01-14-00-0 PULLEY I 1 40 WKR-000011-14-00-0 PULLEY I 1 41 WKR-000011-14-00-0 PULLEY I 1 45 WKR-000011-14-00-0 PULLEY I 1 46 WK-000011-14-00-0	5	WKR-000313	HEX SOCKET BUTTON HEAD SCREW M3x8	4
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10			<u> </u>	1
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13* MDL-0655-80-01-00-0 ELECTRONIC MODULE 1			<u> </u>	
14				
15 WKR-000181 CROSS RECESSED PAN HEAD SCREW M3x6 4 16 RKJ-0655-02-02-30-0 HANDLE ASSY 1 17 WKR-000136 HEX SOCKET COUNTERSUNK HEAD SCREW M5x16 2 18 GNZ-0655-02-03-00-0 BATTERY SOCKET ASSY 1 19* SLN-0466-01-06-10-0 MOTOR ASSY 1 20 WKR-000098 HEX SOCKET BUTTON HEAD SCREW M5x16 5 21 PLY-0655-02-01-00-0 MOTOR PLATE 1 22 WKR-000136 HEX SOCKET COUNTERSUNK HEAD SCREW M5x16 14 23 WKR-000131 HEX SOCKET COUNTERSUNK HEAD SCREW M5x16 14 24 OBJ-000002 WIRE CLAMP F1 4 MM 1 25 WKR-0000292 HEX SOCKET BUTTON HEAD SCREW M4x6 1 26 WKR-0000202 HEX SOCKET BUTTON HEAD SCREW M4x6 1 27 KOL-0270-02-02-00-01 BEVEL GEAR z=17 1 28 PRS-000040 INTERNAL RETAINING RING 8w 1 29 KLK-000033 DOWEL PIN 4n6x12 2 30 WKR-000104			<u> </u>	
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31 PRW-0655-04-00-00-0 LEFT GUIDE ASSY 1 32 OSL-0655-05-00-00-0 BATTERY COVER 1 33 PRW-0655-03-00-00-0 RIGHT GUIDE ASSY 1 34* ZCS-0270-42-00-00-0 CLAMPING BLOCKS 1 35 OSL-0655-06-00-00-0 LEFT COVER 1 36 SRB-000062 HEX SOCKET HEAD CAP SCREW M4x12 4 37 PDK-000042 SPRING WASHER 4.1 4 38 PDK-000108 ROUND WASHER 4.3 4 39* KOL-0466-01-07-00-0 DRIVE WHEEL ASSY 4 40 PRS-000018 INTERNAL RETAINING RING 28w 4 41 PDK-0655-01-05-00-0 WASHER 4 42 LOZ-000038 BALL BEARING 12x28x8 4 43 TLJ-0655-01-04-00-0 SLEEVE 2 44 WLK-0655-01-02-00-0 FRONT SHAFT 1 45 WPS-0170-00-22-00-1 KEY 3x5x13 1 46 WLK-0655-01-03-00-0 REAR SHAFT 1 47 NKR-0270-01-08-00-1 ADJUST NUT 2 48 KOL-02				
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39* KOL-0466-01-07-00-0 DRIVE WHEEL ASSY 4 40 PRS-000018 INTERNAL RETAINING RING 28w 4 41 PDK-0655-01-05-00-0 WASHER 4 42 LOZ-000038 BALL BEARING 12x28x8 4 43 TLJ-0655-01-04-00-0 SLEEVE 2 44 WLK-0655-01-02-00-0 FRONT SHAFT 1 45 WPS-0170-00-22-00-1 KEY 3x5x13 1 46 WLK-0655-01-03-00-0 REAR SHAFT 1 47 NKR-0270-01-08-00-1 ADJUST NUT 2 48 KOL-0270-01-13-00-0 PULLEY I 1 49 KOL-0270-01-14-00-0 PULLEY II 1 50 WKR-000014 HEX SOCKET SET SCREW WITH DOG POINT M5x12 1				
40 PRS-000018 INTERNAL RETAINING RING 28w 4 41 PDK-0655-01-05-00-0 WASHER 4 42 LOZ-000038 BALL BEARING 12x28x8 4 43 TLJ-0655-01-04-00-0 SLEEVE 2 44 WLK-0655-01-02-00-0 FRONT SHAFT 1 45 WPS-0170-00-22-00-1 KEY 3x5x13 1 46 WLK-0655-01-03-00-0 REAR SHAFT 1 47 NKR-0270-01-08-00-1 ADJUST NUT 2 48 KOL-0270-01-13-00-0 PULLEY I 1 49 KOL-0270-01-14-00-0 PULLEY II 1 50 WKR-000014 HEX SOCKET SET SCREW WITH DOG POINT M5x12 1				
41 PDK-0655-01-05-00-0 WASHER 4 42 LOZ-000038 BALL BEARING 12x28x8 4 43 TLJ-0655-01-04-00-0 SLEEVE 2 44 WLK-0655-01-02-00-0 FRONT SHAFT 1 45 WPS-0170-00-22-00-1 KEY 3x5x13 1 46 WLK-0655-01-03-00-0 REAR SHAFT 1 47 NKR-0270-01-08-00-1 ADJUST NUT 2 48 KOL-0270-01-13-00-0 PULLEY I 1 49 KOL-0270-01-14-00-0 PULLEY II 1 50 WKR-000014 HEX SOCKET SET SCREW WITH DOG POINT M5x12 1				
42 LOZ-000038 BALL BEARING 12x28x8 4 43 TLJ-0655-01-04-00-0 SLEEVE 2 44 WLK-0655-01-02-00-0 FRONT SHAFT 1 45 WPS-0170-00-22-00-1 KEY 3x5x13 1 46 WLK-0655-01-03-00-0 REAR SHAFT 1 47 NKR-0270-01-08-00-1 ADJUST NUT 2 48 KOL-0270-01-13-00-0 PULLEY I 1 49 KOL-0270-01-14-00-0 PULLEY II 1 50 WKR-000014 HEX SOCKET SET SCREW WITH DOG POINT M5x12 1				·
43 TLJ-0655-01-04-00-0 SLEEVE 2 44 WLK-0655-01-02-00-0 FRONT SHAFT 1 45 WPS-0170-00-22-00-1 KEY 3x5x13 1 46 WLK-0655-01-03-00-0 REAR SHAFT 1 47 NKR-0270-01-08-00-1 ADJUST NUT 2 48 KOL-0270-01-13-00-0 PULLEY I 1 49 KOL-0270-01-14-00-0 PULLEY II 1 50 WKR-000014 HEX SOCKET SET SCREW WITH DOG POINT M5x12 1				
44 WLK-0655-01-02-00-0 FRONT SHAFT 1 45 WPS-0170-00-22-00-1 KEY 3x5x13 1 46 WLK-0655-01-03-00-0 REAR SHAFT 1 47 NKR-0270-01-08-00-1 ADJUST NUT 2 48 KOL-0270-01-13-00-0 PULLEY I 1 49 KOL-0270-01-14-00-0 PULLEY II 1 50 WKR-000014 HEX SOCKET SET SCREW WITH DOG POINT M5x12 1				
45 WPS-0170-00-22-00-1 KEY 3x5x13 1 46 WLK-0655-01-03-00-0 REAR SHAFT 1 47 NKR-0270-01-08-00-1 ADJUST NUT 2 48 KOL-0270-01-13-00-0 PULLEY I 1 49 KOL-0270-01-14-00-0 PULLEY II 1 50 WKR-000014 HEX SOCKET SET SCREW WITH DOG POINT M5x12 1				
46 WLK-0655-01-03-00-0 REAR SHAFT 1 47 NKR-0270-01-08-00-1 ADJUST NUT 2 48 KOL-0270-01-13-00-0 PULLEY I 1 49 KOL-0270-01-14-00-0 PULLEY II 1 50 WKR-000014 HEX SOCKET SET SCREW WITH DOG POINT M5x12 1				
47 NKR-0270-01-08-00-1 ADJUST NUT 2 48 KOL-0270-01-13-00-0 PULLEY I 1 49 KOL-0270-01-14-00-0 PULLEY II 1 50 WKR-000014 HEX SOCKET SET SCREW WITH DOG POINT M5x12 1				-
48 KOL-0270-01-13-00-0 PULLEY I 1 49 KOL-0270-01-14-00-0 PULLEY II 1 50 WKR-000014 HEX SOCKET SET SCREW WITH DOG POINT M5x12 1				
49 KOL-0270-01-14-00-0 PULLEY II 1 50 WKR-000014 HEX SOCKET SET SCREW WITH DOG POINT M5x12 1				
50 WKR-000014 HEX SOCKET SET SCREW WITH DOG POINT M5x12 1				
	51	KOL-0270-01-06-00-1	BEVEL GEAR z=32	1



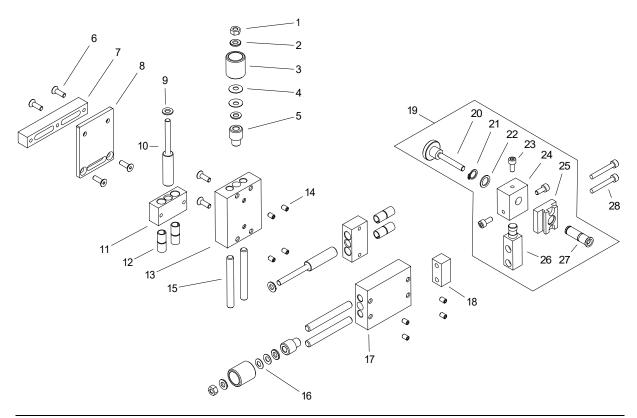
ITEM	PART NUMBER	DESCRIPTION	Q-TY
52	SLP-0270-00-06-00-0	BAR	1
53	OSL-0655-07-00-00-0	RIGHT COVER	1
54	SRB-000078	HEX SOCKET HEAD CAP SCREW M5x12	2
55*	ZSP-0270-07-00-00-1	FOLLOWER ASSY	1
56	WKR-000134	HEX SOCKET COUNTERSUNK HEAD SCREW M5x12	1
57	MGT-0270-07-02-00-1	MAGNET PLATE	1
58	KLK-000045	DOWEL PIN 5n6x12	2
59	WKR-000044	HEX SOCKET SET SCREW WITH FLAT POINT M5x12	2
60	RLK-0270-07-03-00-1	GUIDE ROLLER	2
61	KLK-000071	DOWEL PIN 8n6x26	2
62	SRB-000091	HEX SOCKET HEAD CAP SCREW M5x35	2
63	ZSP-0270-11-00-00-0	PLATE ASSY	1
64	NPR-0270-14-00-00-0	TIGHTENER	1
65	SPR-0270-11-05-00-0	SPRING	2
66	PAS-000003	TOOTHED BELT	1

^{*} recommended to store





ITEM	PART NUMBER	DESCRIPTION	Q-TY
1	NKR-000017	HEX NUT M6	2
2	PDK-000021	ROUND WASHER 6.4	2
3	PKT-0247-01-05-00-0	HANDWHEEL	2
4	SPR-000010	DISC SPRING 6.2x12.5x0.6	2
5	PDK-000020	ROUND WASHER 6.4	4
6	TLJ-0247-01-04-00-0	SLEEVE	2
7	WKR-000026	HEX SOCKET SET SCREW WITH FLAT POINT M5x8	8
8	KRP-0340-02-01-11-0	TORCH GUIDE FRAME I	1
9	SRB-0340-02-01-20-0	BOLT ASSY	2
10	KST-0340-02-01-13-0	FEED BLOCK	2
11	TLJ-000048	SLIDE BUSHING 8x10x12	8
12	KLK-000075	DOWEL PIN 8n6x70	4
13	SLP-0270-05-03-00-0	DISTANCE BAR	1
14	UCW-0655-03-02-00-0	TORCH HOLDER ASSY	1
15	TLJ-0246-05-04-00-0	SLEEVE	1
16	KST-0246-05-03-00-1	ROTATE BLOCK	1
17	SRB-000078	HEX SOCKET HEAD CAP SCREW M5x12	3
18	KST-0340-02-02-02-0	CLAMP BLOCK	1
19	PDK-0211-00-15-00-0	WASHER 10.1x15x1	1
20	PRS-000002	EXTERNAL RETAINING RING 10z	1
21	SRB-000187	SPECIAL BOLT M6x40	1
22	SLP-0655-03-02-01-0	BAR	1
23	SRB-000091	HEX SOCKET HEAD CAP SCREW M5x35	2
24	SPR-000012	DISC SPRING 8.2x16x0.6	2
25	KRP-0340-02-01-01-0	TORCH GUIDE FRAME II	1
26	WKR-000136	HEX SOCKET COUNTERSUNK HEAD SCREW M5x16	6
27	PLY-0655-03-01-00-0	GUIDE PLATE	1
28	SLP-0270-05-02-00-0	HORIZONTAL BAR	1



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ITEM	PART NUMBER	DESCRIPTION	Q-TY
1	NKR-000017	HEX NUT M6	2
2	PDK-000021	ROUND WASHER 6.4	2
3	PKT-0247-01-05-00-0	HANDWHEEL	2
4	SPR-000012	DISC SPRING 8.2x16x0.6	2
5	TLJ-0247-01-04-00-0	SLEEVE	2
6	WKR-000136	HEX SOCKET COUNTERSUNK HEAD SCREW M5x16	6
7	SLP-0270-05-02-00-0	HORIZONTAL BAR	1
8	PLY-0655-03-01-00-0	GUIDE PLATE	1
9	PDK-000020	ROUND WASHER 6.4	4
10	SRB-0340-02-01-20-0	BOLT ASSY	2
11	KST-0340-02-01-13-0	FEED BLOCK	2
12	TLJ-000048	SLIDE BUSHING 8x10x12	8
13	KRP-0340-02-01-01-0	TORCH GUIDE FRAME II	1
14	WKR-000026	HEX SOCKET SET SCREW WITH FLAT POINT M5x8	8
15	KLK-000075	DOWEL PIN 8n6x70	4
16	SPR-000010	DISC SPRING 6.2x12.5x0.6	2
17	KRP-0340-02-01-11-0	TORCH GUIDE FRAME I	1
18	SLP-0270-05-03-00-0	DISTANCE BAR	1
19	UCW-0655-03-02-00-0	TORCH HOLDER ASSY	1
20	SRB-000187	SPECIAL BOLT M6x40	1
21	PRS-000002	EXTERNAL RETAINING RING 10z	1
22	PDK-0211-00-15-00-0	WASHER 10.1x15x1	1
23	SRB-000078	HEX SOCKET HEAD CAP SCREW M5x12	3
24	KST-0340-02-02-02-0	CLAMP BLOCK	1
25	KST-0246-05-03-00-1	ROTATE BLOCK	1
26	SLP-0655-03-02-01-0	BAR	1
27	TLJ-0246-05-04-00-0	SLEEVE	1
28	SRB-000091	HEX SOCKET HEAD CAP SCREW M5x35	2



8. DECLARATION OF CONFORMITY

EC Declaration of Conformity

We

PROMOTECH sp. z o.o. ul. Elewatorska 23/1 15-620 Białystok Poland

declare with full responsibility that:

Eco Runner Welding Carriage

is manufactured in accordance with the following standards:

- EN 12100
- EN 60204-1
- EN 60974-10

and satisfies safety regulations of the guidelines: 2014/30/EC, 2014/35/EC, 2006/42/EC.

Person authorized to compile the technical file:

Marek Siergiej, ul. Elewatorska 23/1, 15-620 Białystok

Białystok, 11 October 2018

Marek Siergiej

CEO



9. QUALITY CERTIFICATE

Machine control card Eco Runner Welding Carriage

Serial number		
Electric	test	
Type of test	Result	Name of tester
Insulation electrical strength test (1000 V, 50 Hz)		 Date
Continuity test of the protective earth system	Ω	 Signature
Quality control		
Adjustments, i	nspections	
Quality control		



10. WARRANTY CARD

WARRANTY CARD No
in the name of Manufacturer warrants the Eco Runner Welding Carriage to be free of defects in material and workmanship under normal use for a period of 12 months from the date of sale. This warranty does not cover wheels as well as damage or wear that arise from misuse, accident, tempering, or any other causes not related to defects in workmanship or material.
Date of production
Serial number
Date of sale
Signature of seller
1.00 / 22 October 2018

WE RESERVE THE RIGHT TO MAKE CHANGES IN THIS MANUAL WITHOUT NOTICE