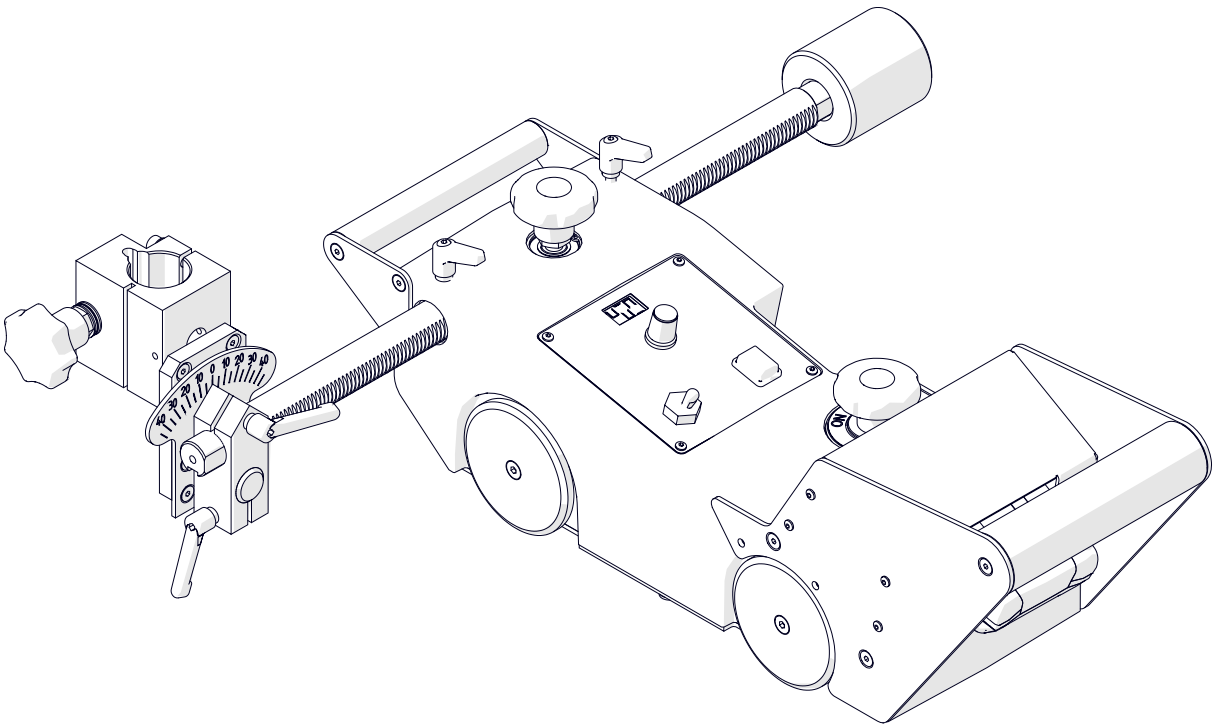
The tools of innovation.

OPERATOR'S MANUAL

CUTTING CARRIAGE

TORCH RUNNER CDL



801 W. Mineral Ave, Suite 103 Littleton CO 80120
1–303-690-9146, FAX 303–690–9172
www.steelmax.com sales@steelmax.com

Contents

1. BATTERY OPERATION

1.1. Safety precautions

1. Before using the battery, read the entire operator's manual carefully and thoroughly. Keep safe all documents accompanying the battery.
2. Protect the battery from water and moisture.
3. Do not use faulty or deformed battery.
4. Do not open the battery and do not short-circuit its contacts.
5. Keep the battery out of the reach of children.
6. Do not expose the battery to fire or high temperatures.

7. Slightly acidic, flammable fluid may leak from a defective li-ion battery. In case it comes into contact with your skin, rinse immediately with plenty of water. In case it comes into contact with your eyes, wash them with clean water and seek medical attention immediately.

8. Do not allow full discharge. Do not store discharged battery.
9. Transporting li-ion battery packs:
   The shipping of li-ion battery packs is subject to laws relating to the carriage of hazardous goods (UN 3480 and UN 3481). Inform yourself of the currently valid specifications when shipping. If necessary, consult your freight forwarder. Certified packaging is available from Steelmax.

1.2. Specified Use

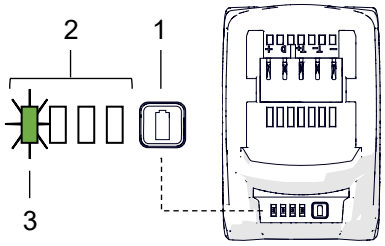
The battery is designed for use in corresponding Steelmax battery-operated power tools. The battery must only be charged using Steelmax charger. Battery packs marked with CAS are 100% compatible with CAS devices (Cordless Alliance System). To select the appropriate device, please contact your dealer. Read the relevant instructions for the devices used. For example, the charging process is explained in the charger manual. The user bears sole responsibility for any damage caused by improper use. Generally accepted accident prevention regulations and the safety information must be observed.

1.3. Operating

Charge the battery before the first use. Do not charge fully charged battery. If performance diminishes, recharge the battery. The ideal storage temperature is between 14–

140°F (-10–60°C). The permissible charging temperature is between 32–122°F (0°C and 50°C).

The battery has a capacity and a signal indicator (depending on the model). Press the button (1) and the charge level is displayed by the LEDs (2). If one LED is flashes (3), the battery is almost flat and must be recharged.



1.4. Environmental protection

In accordance with the European Directive 2006/66/EC, the batteries are marked with the symbol of the crossed-out waste bin. Below this symbol there may be a chemical symbol of heavy metal present in the battery, if its percentage is above: 0.0005% for mercury (Hg), 0.002% for cadmium (Cd), 0.004% for lead (Pb). Batteries must not be disposed of with household waste and WEEE waste. The user must return the battery to a collection point for used batteries. Before returning the battery, discharge it*, remove it from the device and protect the contacts with insulating tape.

Returning the battery to the collection point reduces the negative impact of its hazardous substances on human health and the environment, and enables the recovery of raw materials and plastics in the recycling process.

* refers to undamaged batteries

2. GENERAL INFORMATION

2.1. Application

The TORCH RUNNER CDL is a cutting carriage designed to cut steel by using oxy fuel or plasma torches with the diameter of 1 3/8″ (35 mm). The carriage travels horizontally on the workpiece or track tilted up to 10°. The carriage is battery-powered.

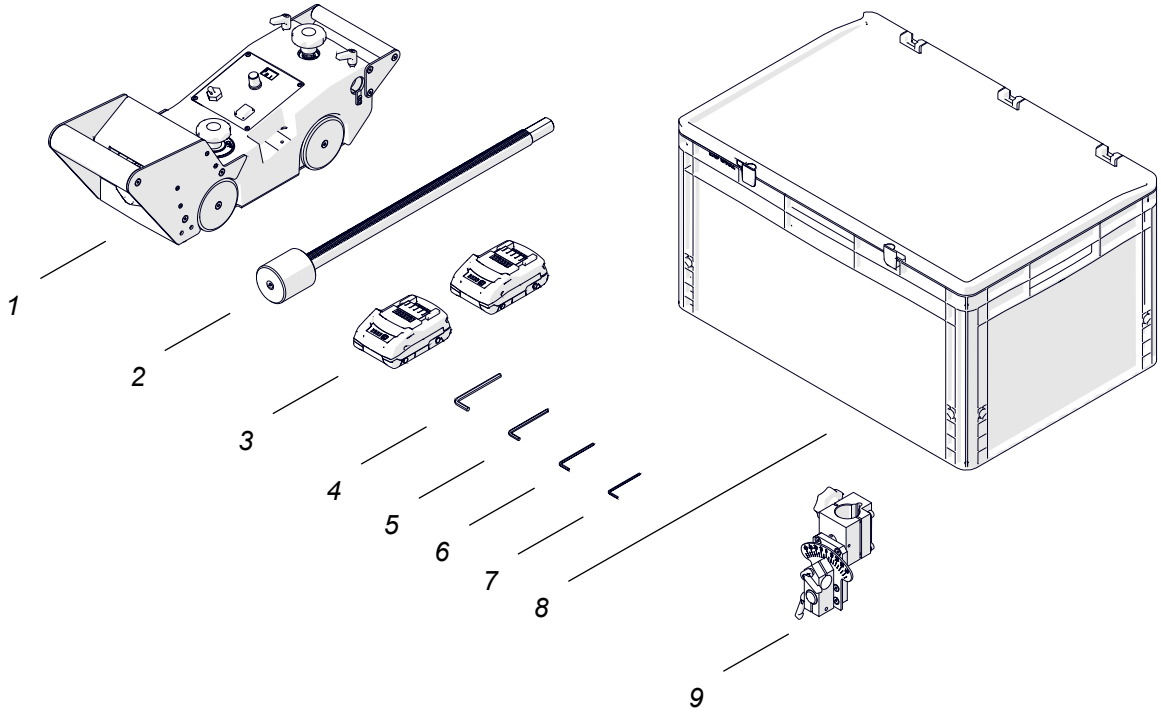
Accessories allow using torches with different diameters, using two torches at the same time, and cutting holes with the radius of 9 29/64″–98 27/64″ (240–2500 mm).

The machine is designed for use by a professional operator only.

2.2. Technical data

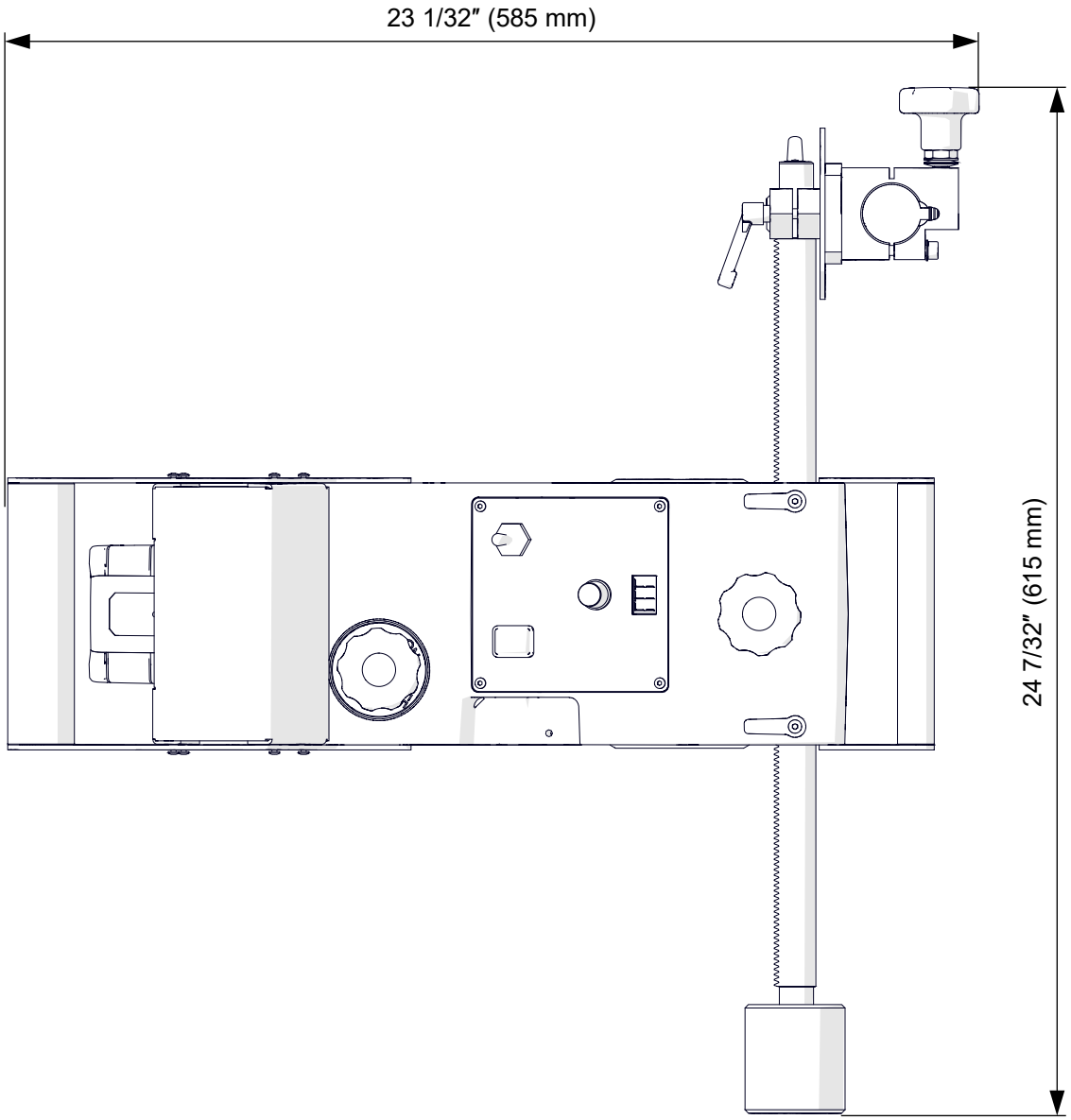
Voltage	18 V DC, 4 Ah
Power	20 W
Work position	Horizontal
Torch diameter	1 3/8″ (35 mm)
Ground clearance	5/16″ (8 mm)
Speed	0–59 1/16 in/min (0–150 cm/min)
Weight (without the battery)	33.5 lbs (15.2 kg)
Protection class	IP 20
Allowed ambient temperature during operation	32–122°F (0–50°C)
Allowed ambient temperature during storage	-14–140°F (-10–60°C)
Maximum allowed ambient humidity without condensation	80%

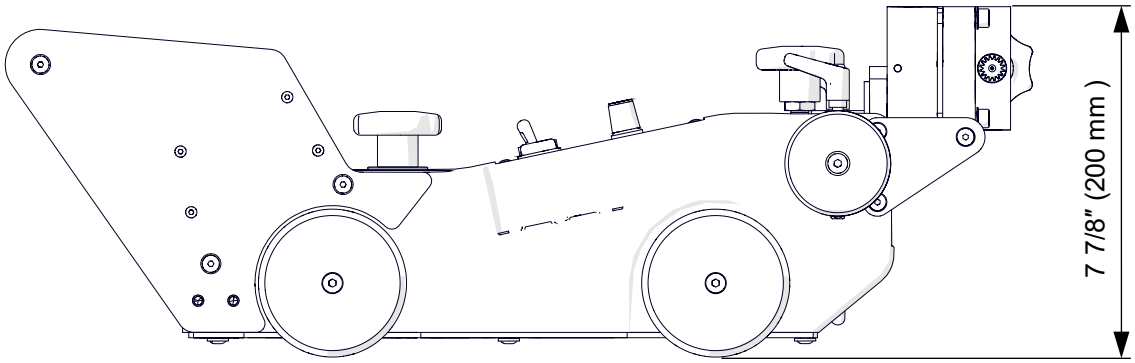
2.3. Equipment included



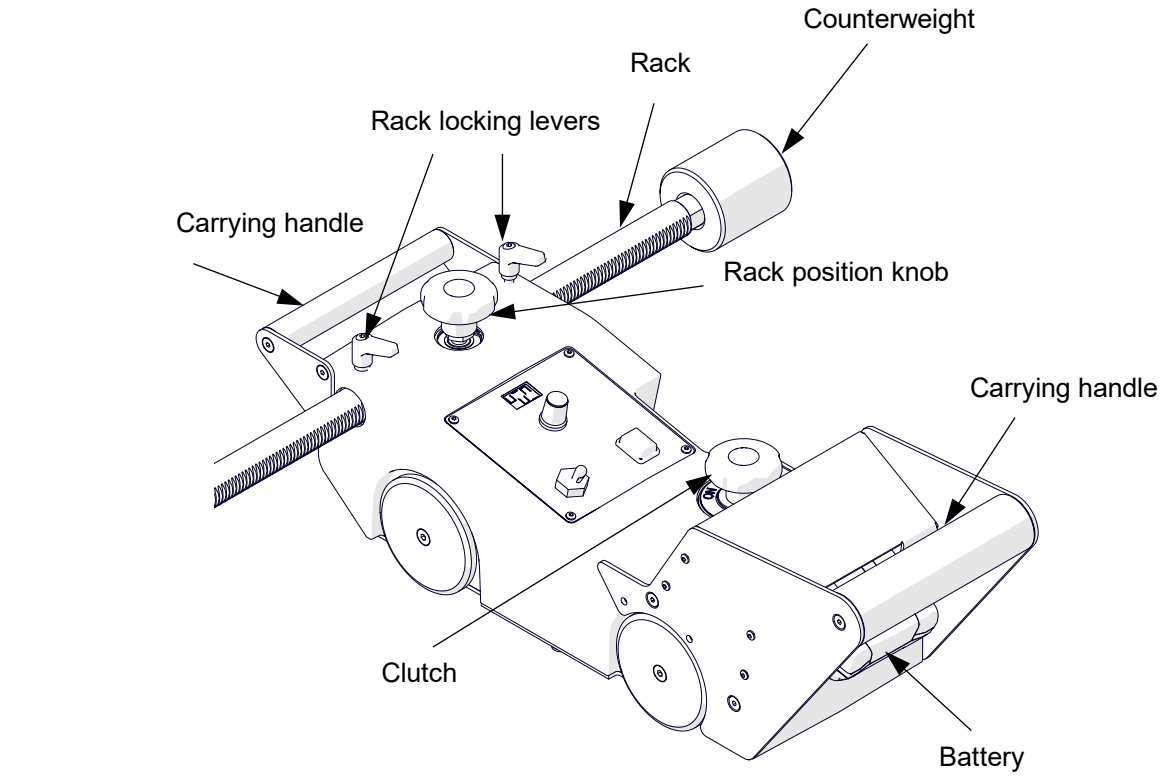
1	Carriage	1 unit
2	Rack	1 unit
3	Battery 4 Ah	2 unit
4	5 mm hex wrench	1 unit
5	4 mm hex wrench	1 unit
6	3 mm hex wrench	1 unit
7	2.5 mm hex wrench	1 unit
8	Box	1 unit
9	Torch holder	1 unit
–	Operator's Manual	1 unit

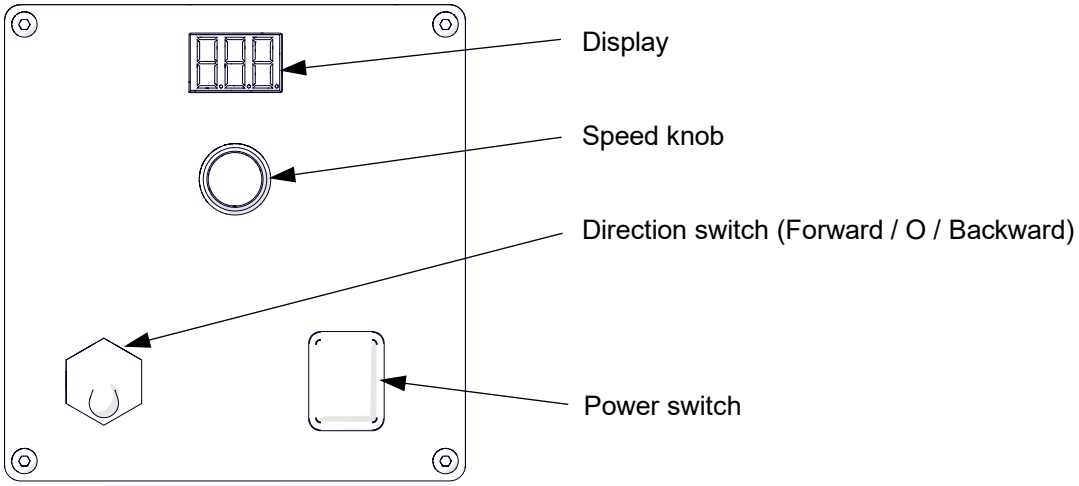
2.4. Dimensions





2.5. Design


Counterweight
Rack
Rack locking levers
Carrying handle
Rack position knob
Carrying handle
Clutch
Battery


Display
Speed knob
Direction switch (Forward / O / Backward)
Power switch

3. SAFETY PRECAUTIONS

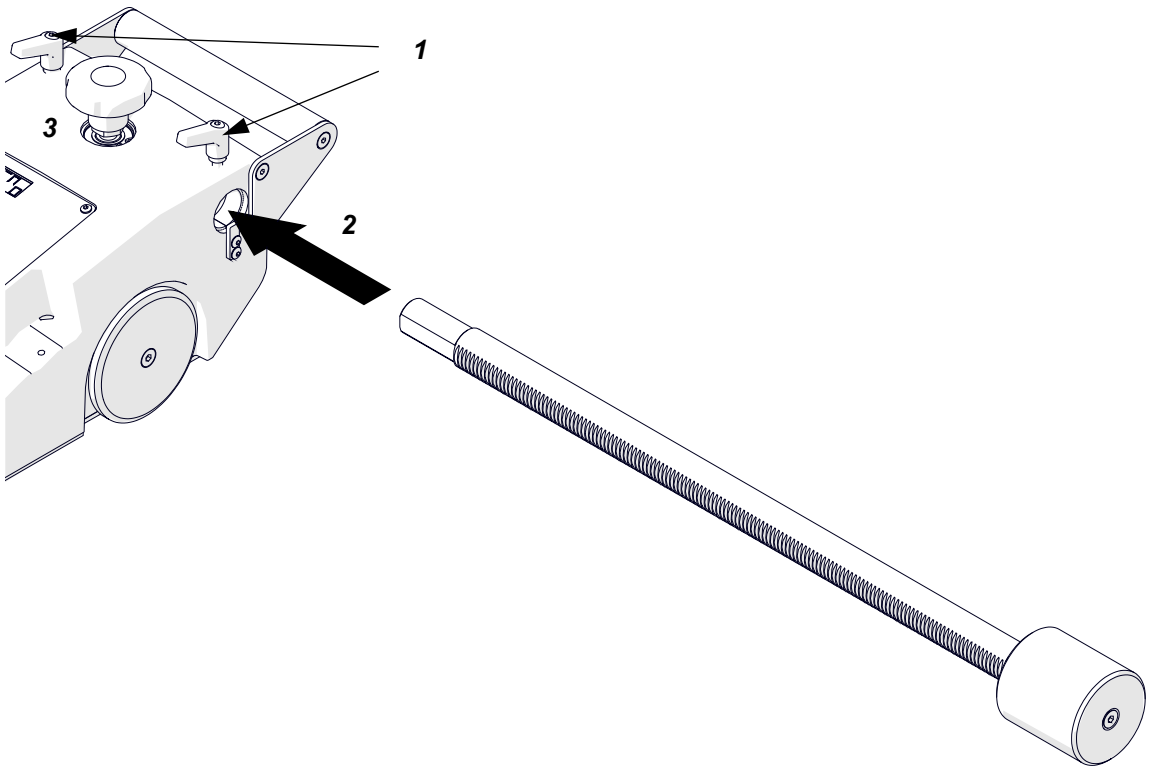
1. Before use, read this Operator's Manual and complete a training in occupational health and safety.
2. Use only in applications specified in this Operator's manual.
3. Make sure that the carriage has all parts and they are genuine and not damaged.
4. Keep untrained bystanders away from the carriage.
5. Before each use, ensure the correct condition of the carriage, battery, cables, control parts and wheels.
6. 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.
7. Keep the carriage dry. Do not expose the carriage to rain, snow, or frost.
8. Keep the work area well lit, clean, and free of obstacles.
9. Do not use near flammable materials or in explosive environments.
10. Transport and position the carriage by using the carrying handle.
11. Do not stay below the carriage that is put at heights.
12. Connect the cables only after you set the power switch to 'O'.
13. Keep the sockets clean. Do not use high pressure during cleaning.
14. Install only torches whose diameter matches the diameter of the torch holder.
15. Keep the torch cables away from the surface. Hang the cables to decrease the load applied on the carriage.
16. Use the torch as specified in the manual of the torch.
17. Keep the carriage in horizontal position during work.
18. Use eye protection (helmet, shield, and screen), ear protection, gloves, and protective clothing. Do not use loose clothing.
19. Do not stop the carriage by hand. To stop, set the clutch to OFF or the direction switch to 'O'.
20. Repair only in a service center appointed by the seller.
21. If the carriage falls, is wet, or has any damage, stop the work and immediately send the carriage to the service center for check and repair.
22. Do not leave the carriage unattended during work.
23. If you are not going to use the carriage, remove it from the work area and keep in a safe and dry place. Do not leave the battery in the machine.
24. Install/remove the battery only after you set the direction switch to 'O'.
25. Do not remove the battery during operation of the machine.

26. Remove the battery before you do maintenance or install/remove parts.
27. Use a battery and charger compatible with the machine, listed in the ACCESSORIES chapter.

4. STARTUP AND OPERATION

4.1. Installing the rack

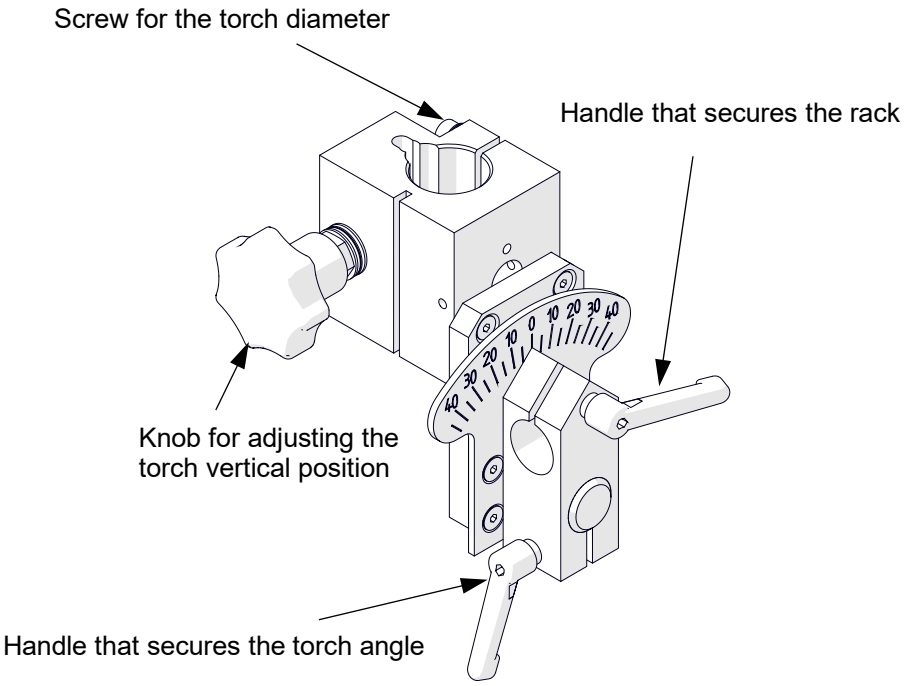
To install the rack, unlock the rack locking levers (1). Then insert the rack (2) with teeth facing to the side to engage them with the gear of the knob. By turning the knob (3), insert the rack into the carriage body.



4.2. Preparing

Before use, clean the wheels of the carriage and remove the anti-corrosion material from the track.

Use the carrying handle to transport the carriage to the work area. Set the power switch and the direction switch to ‘O’, and set the clutch to OFF. Insert the battery. Install the torch holder on the rack and place the torch in the holder.



The precise machine torch holder allows torches with the diameter of 1 3/8″ (35 mm) equipped with a rack. Loosen the lower handle to precisely set the torch angle. Use the knob to adjust the vertical position of the torch.

Use the rack position knob to adjust the horizontal position of the torch, and use the rack locking levers to lock the rack in position.

Then, connect the torch to a correct gas source. Depending on the cutting method (oxy-fuel or plasma), install into the carriage slot either a gas manifold or the arc ignition set as described in the subsection of the respective accessory.

Put the carriage on the workpiece or track so that the torch is right above the starting point of the cut. Then, set the clutch to ON.

4.3. Operating

Set the power switch to ‘I’ to turn on the carriage. Then, the display comes on (8.8.8). Next, if the unit of speed is set to centimeters per minute, EUr shows. If the unit is set to inches per minute, USA shows. Next, the carriage speed shows. Use the speed knob to set the required speed. If needed, set the clutch to OFF and travel the carriage by hand.

To start the cutting, light the torch as described in the manual of the torch. Obey all rules included in the manual of the torch.

Use the direction switch to select a direction of travel. Then, the travel starts with the speed that is shown. To stop the travel, set the direction switch to ‘O’ or the clutch to OFF. To extinguish the torch flame, continue as described in the manual of the torch.

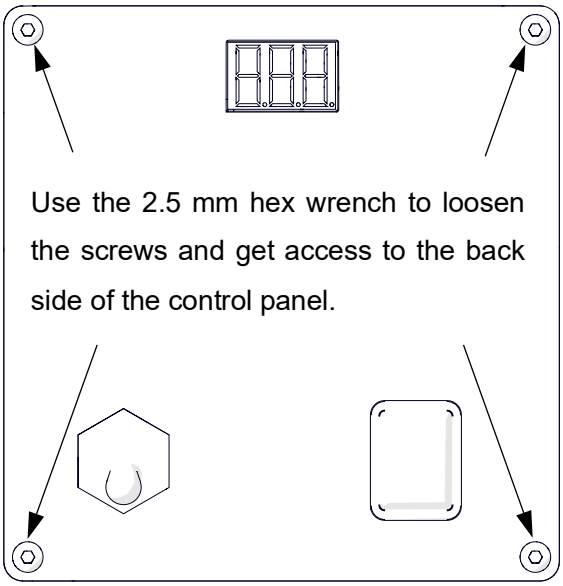
If you do not use the carriage for 5 minutes, it turns off. To turn the carriage back on, set the power switch to ‘O’ and then to ‘I’.

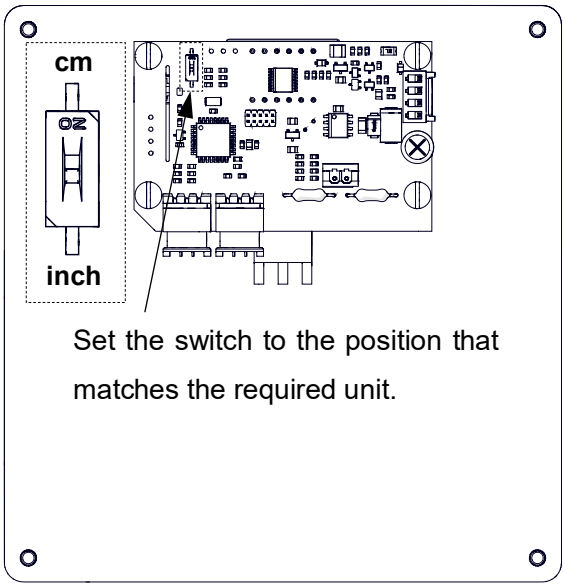
When the battery is discharged, the carriage stops. Then, charge the battery.

After the work is finished, use the power switch to turn off the carriage. Then remove the battery.

4.4. Changing the unit of speed

To change the unit of speed between centimeters per minute and inches per minute, remove the battery and follow the steps shown in the figure below.





4.5. Troubleshooting

Message	Problem	Solution
–	Black display even though that the power switch is set to 'I'. The carriage was not used for 5 minutes and then it turned off.	Set the power switch to 'O' and then to 'I'.
0.36	Display not fully on after powering.	Contact service center for check and repair.
EUr	Speed shown in centimeters per minute instead of inches per minute.	Refer to the section "Changing the unit of speed."
USA	Speed shown in inches per minute instead of centimeters per minute.	Refer to the section "Changing the unit of speed."
Er.5	Travel direction switch not set to 'O' when powering.	Set the direction switch to 'O'.
oC	Motor overload. The carriage stops.	Adjust the position of the cables so that they do not block the carriage. Remove objects that block the carriage.
E.01	Battery voltage too low.	Charge the battery or replace to a fully charged.
E. 10	Internal battery controller malfunction.	Clean the battery contacts. If the problem persists, replace the battery. If the error persists after replacement, contact the service center.
E.20	Battery overheated.	Let the temperature of the battery decrease.
E.30	Battery temperature sensor malfunction.	Replace the battery.

If the message persists, contact service center for check and repair.

4.6. Maintenance

Every day:

1. Clean the wheels.
2. Clean the torch nozzle and replace if damaged.

Every day:

1. Clean the teeth of the rack.

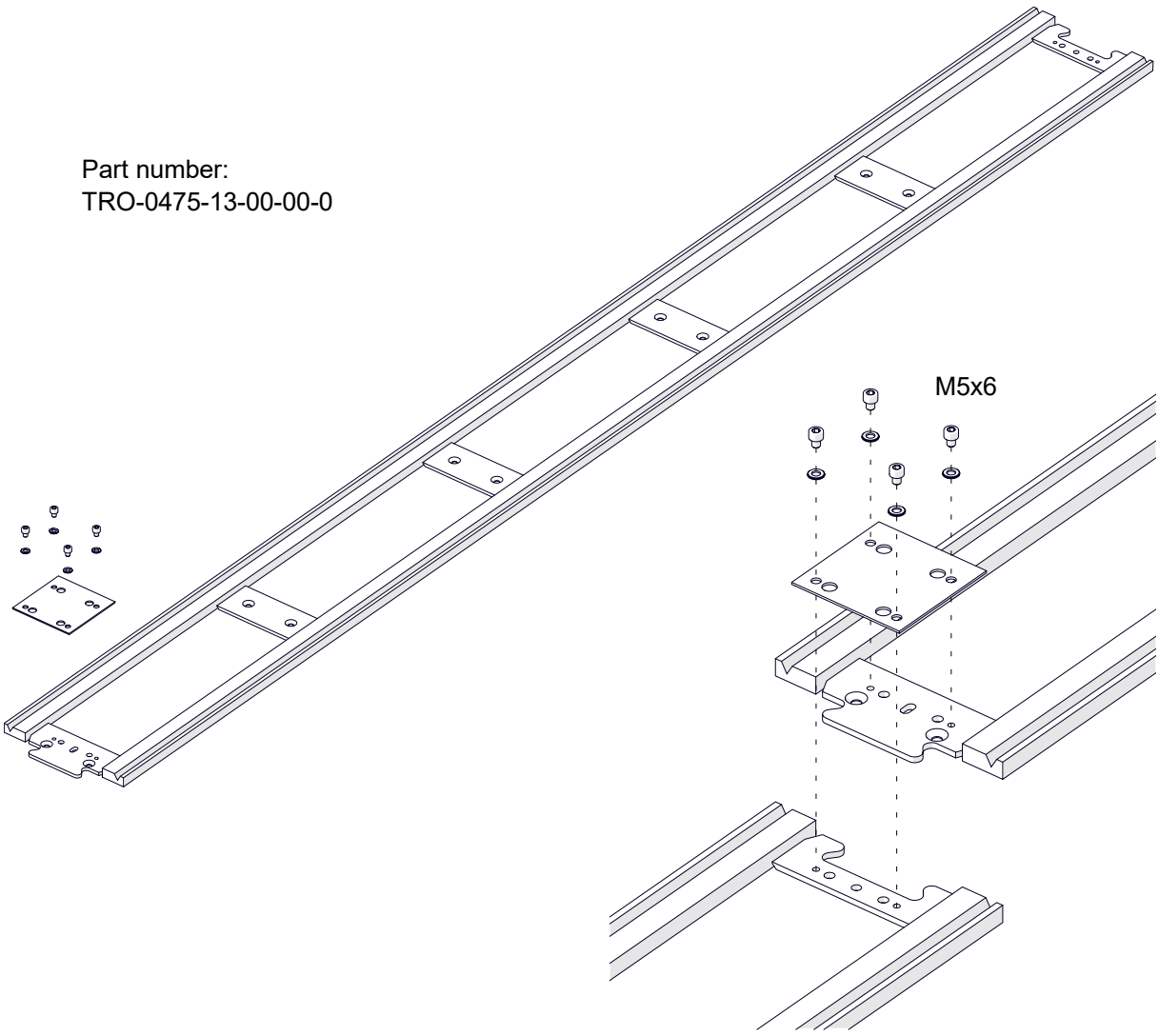
Every month:

1. Make sure that the knob and the switches work as intended. Replace if they are loose or damaged.
2. Examine hoses and cables and replace if they are damaged.
3. Tighten screws if they are loose.

5. ACCESSORIES

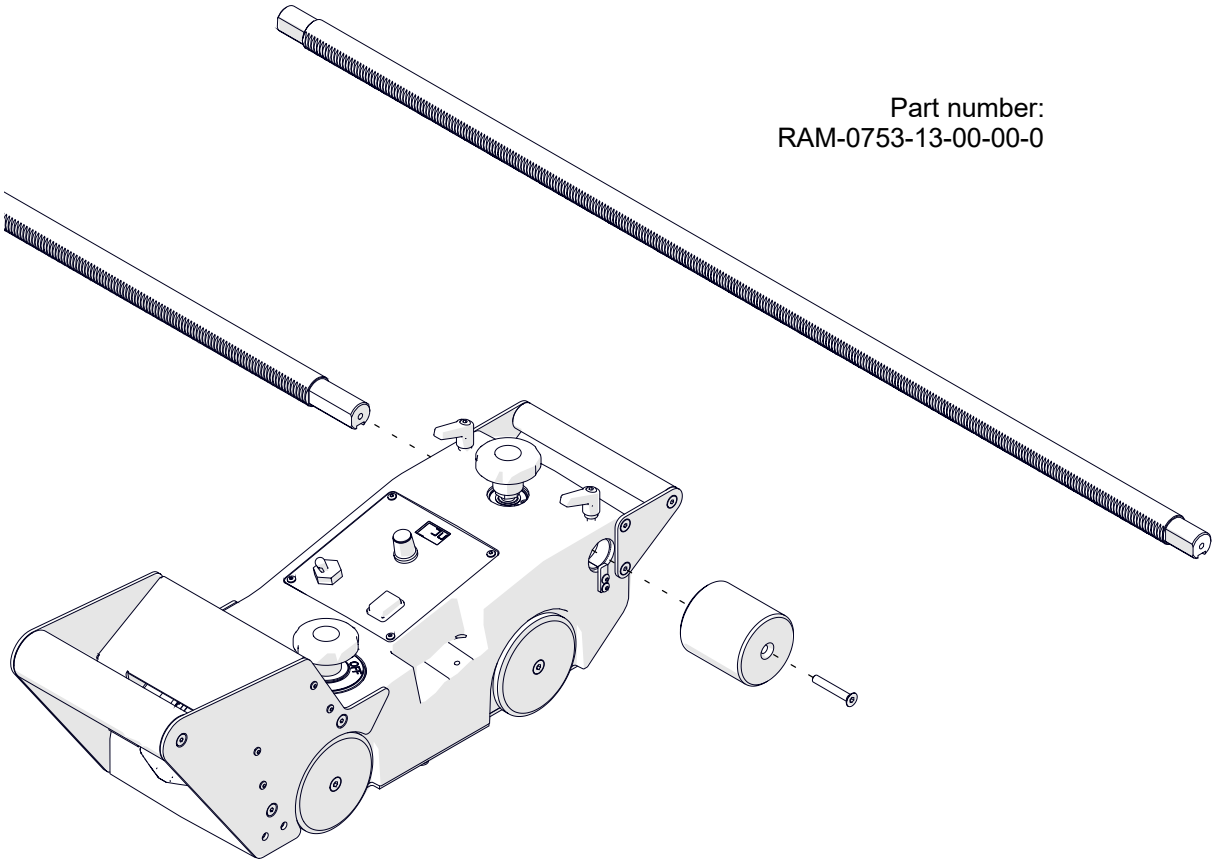
5.1. Track

Increases the cutting precision by forcing straight-line travel. The length of a single rail is 1800 mm (70 55/64″) and the V-groove centerline is 152 mm (5 63/64″). To connect two rails, use the 4 mm hex wrench and the connecting plate as shown.



5.2. 1000 mm (39 3/8″) rack

Increases the reach of the torch holder.

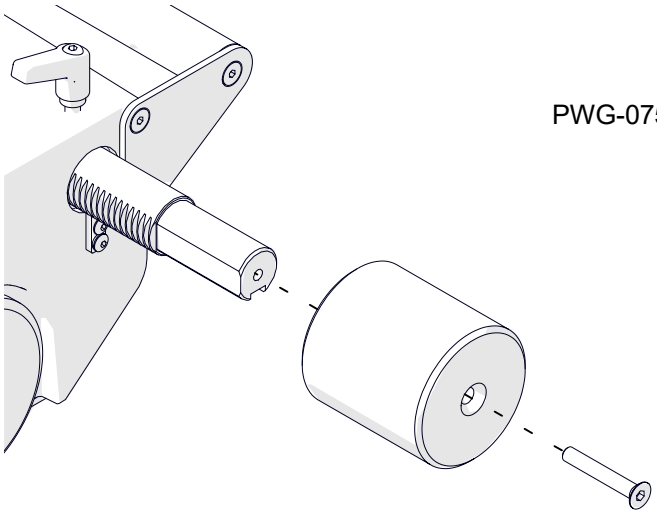


To remove the rack, use the 4 mm hex wrench to remove the screw and remove the counterweight. Then, loosen the handle of the torch holder and remove the holder. Next, unlock two rack locking levers and rotate the rack position knob to move the rack out of the carriage body.

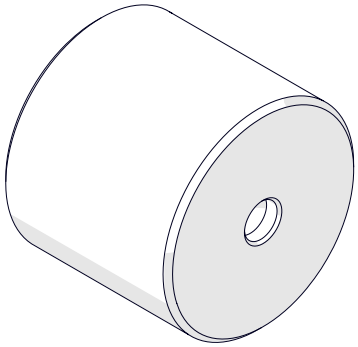
Install in reverse order. Put the rack teeth to the side to engage them with the gear of the knob. If you use the 39 3/8″(1000 mm) rack, you may also need a roller support or a 5.7 lbs (2.6 kg) counterweight to balance the carriage.

5.3. 2.6 kg (5.7 lbs) counterweight

Provides balance when using additional holders, a 39 3/8″(1000 mm) rack, or a heavier torch. To remove the counterweight, use the 4 mm hex wrench to remove the screw. Install in reverse sequence.



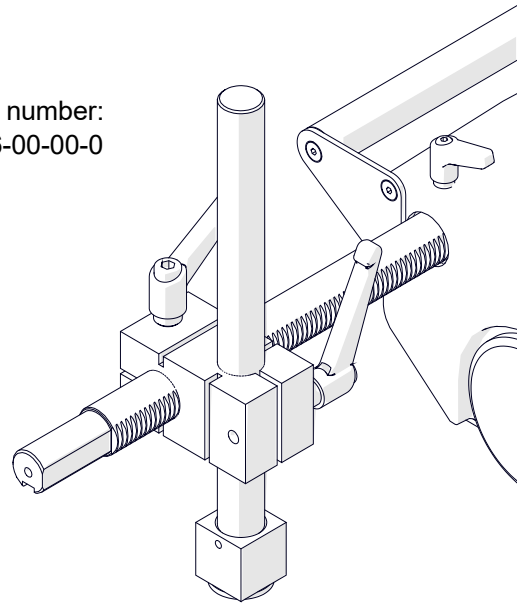
Part number:
PWG-0753-12-00-00-0



5.4. Roller support

Provides balance when using the 1000 mm (39 3/8″) rack or a heavier torch.

Part number:
PDT-0475-26-00-00-0

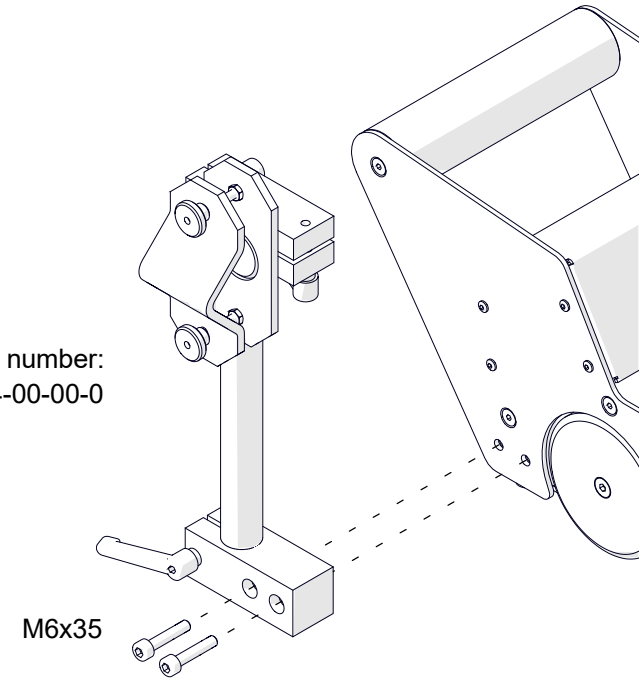


To install, loosen the handle of the torch holder and remove the holder. Then, put the support onto the rack, tighten with the handle, and install the holder again.

5.5. Cable anchor

Attaches the gas cables to decrease the load applied on the torch holder. Install with the 5 mm hex wrench.

Part number:
PDT-0475-34-00-00-0

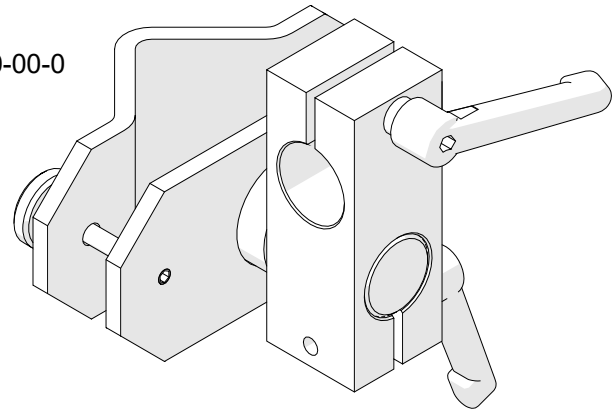


5.6. Torch holder

5.6.1. Standard torch holder

For torches with the diameter of 1 7/64″–1 3/8″ (28-35 mm)). Allows rough adjustment of the tilt angle.

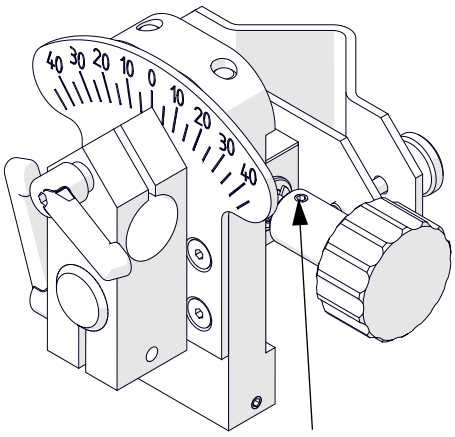
Part number:
UCW-0475-28-00-00-0



5.6.2. Precise torch holder

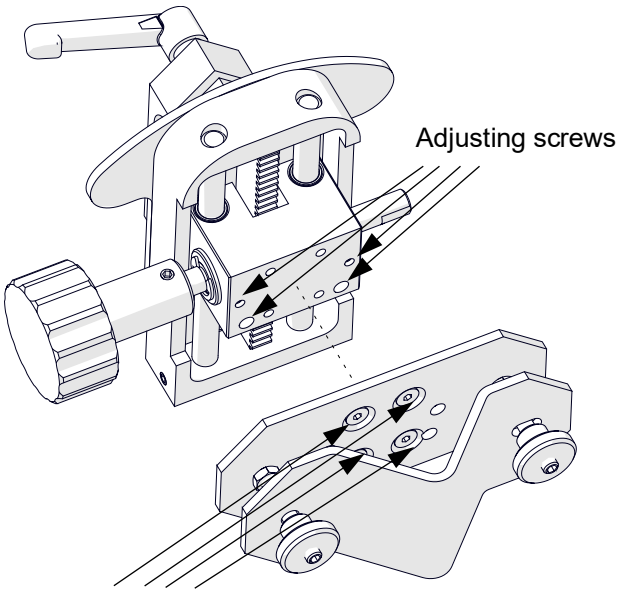
For torches with the diameter of 1 7/64″–1 3/8″ (28-35 mm). Allows precise adjustment of the torch angle. Use the knob to adjust the vertical position. Install the knob at any side by using the 2.5 mm hex wrench and the set screw.

To adjust the resistance of the vertical travel, use the 2.5 mm hex wrench to remove the fixing screws. Then, use the 2 mm hex wrench to rotate the adjusting screws.



Set screw

Part number:
UCW-0753-08-00-00-0

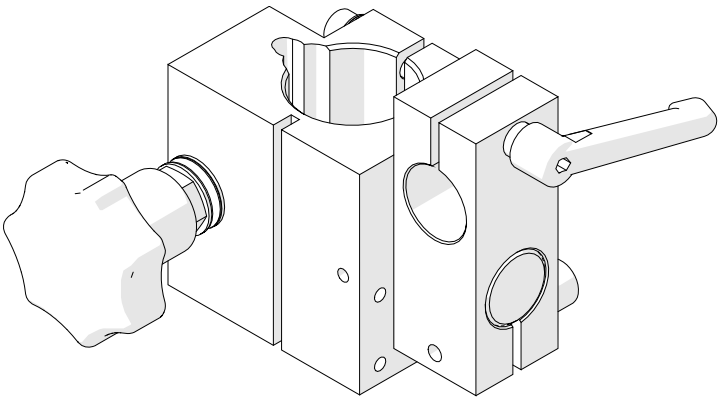


5.6.3. Machine torch holder (for oxy-fuel cutting)

For torches with the diameter of 1 3/16″ (30 mm) or 1 3/8″ (35 mm) that have a rack. The holder allows adjustment of the vertical position of the torch and rough adjustment of the angle.

Part number – 1 3/16″ (30 mm)
UCW-0475-61-00-00-0

Part number – 1 3/8″ (35 mm)
UCW-0475-29-00-00-1

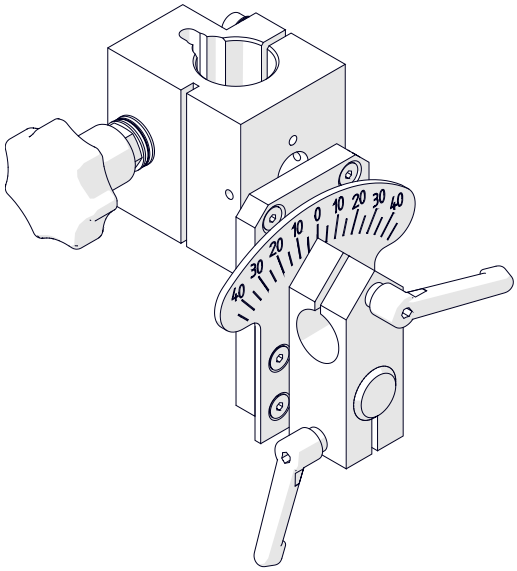


5.6.4. Precise machine torch holder (for oxy-fuel cutting)

For torches with the diameter of 1 3/16″ (30 mm) or 1 3/8″ (35 mm) that have a rack. The holder allows adjustment of the vertical position of the torch and precise adjustment of the angle.

Part number – 1 3/16″ (30 mm)
UCW-0753-22-00-00-0

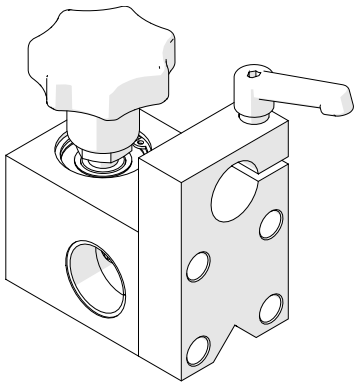
Part number – 1 3/8″ (35 mm)
UCW-0753-24-00-00-0



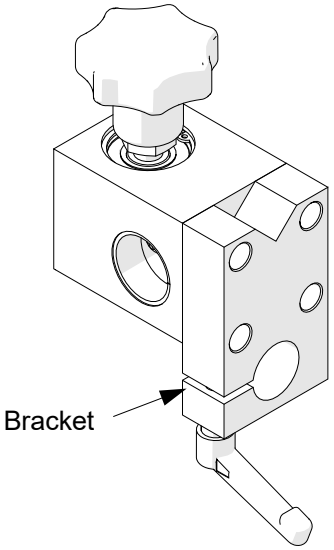
5.6.5. Slide rack holder

Can be put together with torch holders. This allows use of a second torch independently of the standard torch.

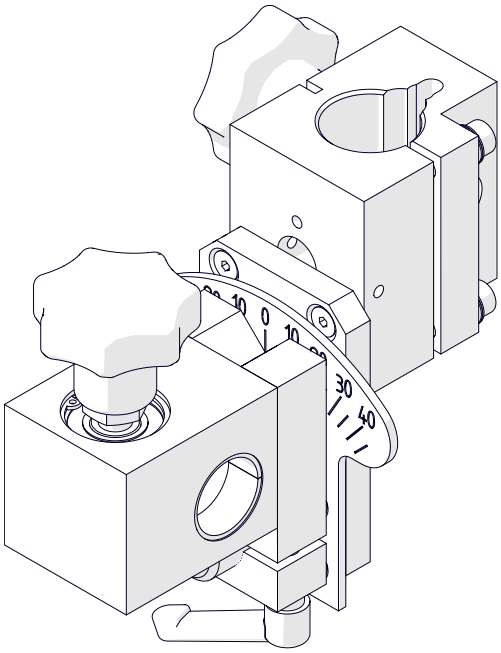
To adapt the slide rack holder for use with a precise torch holder, use the 4 mm hex wrench and remove four screws from the slide rack holder. Then, rotate the bracket by 180° and tighten with the screws.

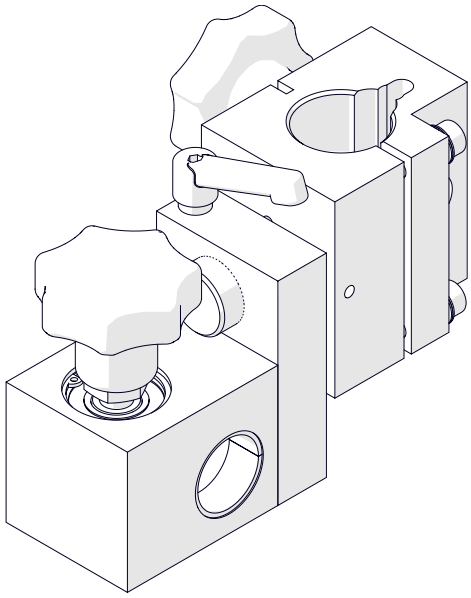


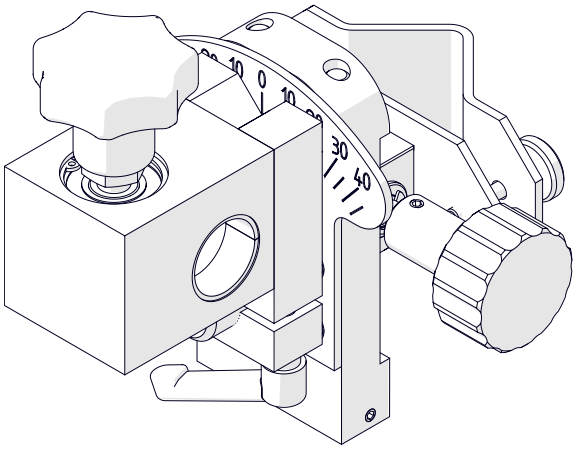
Part number:
UCW-0475-15-00-00-1

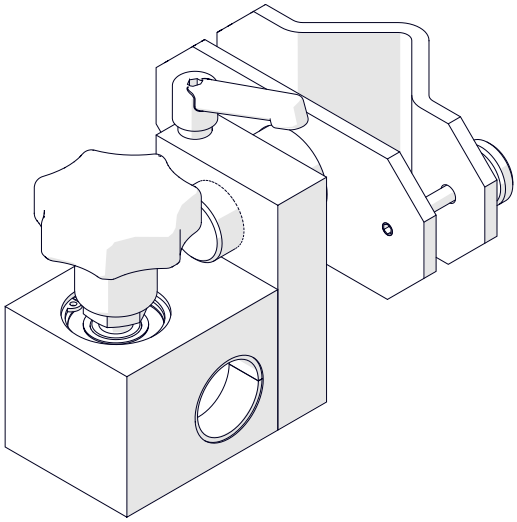


Before you attach a torch holder to the slide rack holder, remove the clamping block (part with one or two handles) from the torch holder. Remove the counterweight or holder in use, and then put the combined holder onto the rack. Next, rotate the knob to set the combined holder in the required position on the rack.



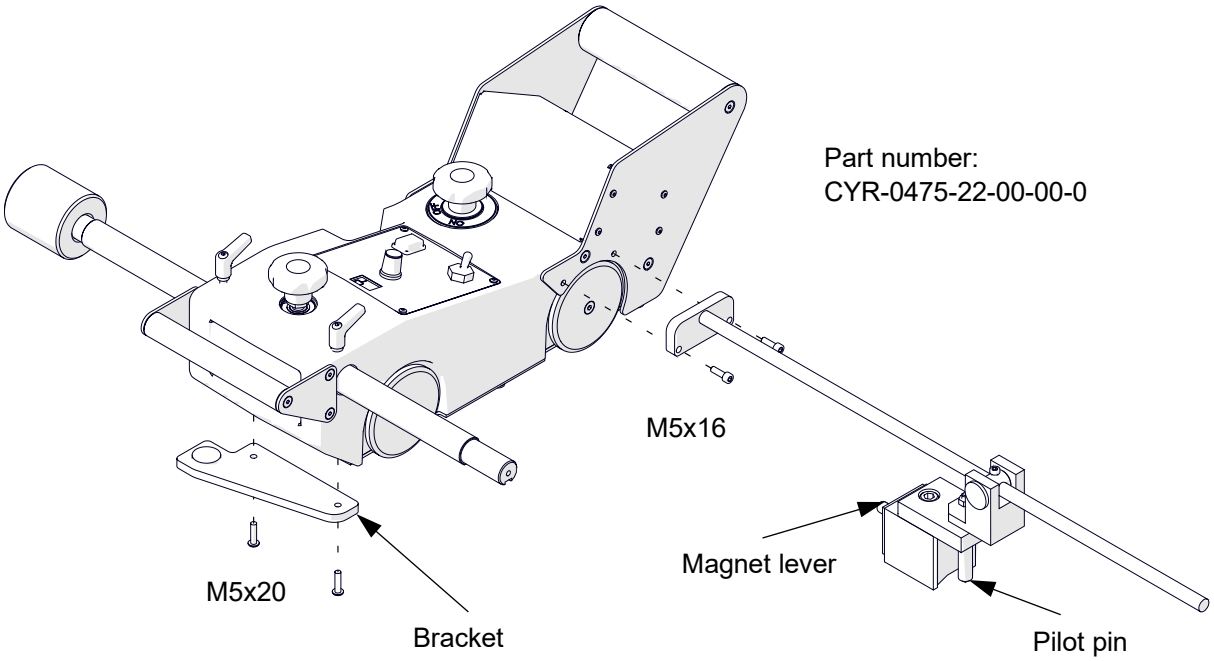






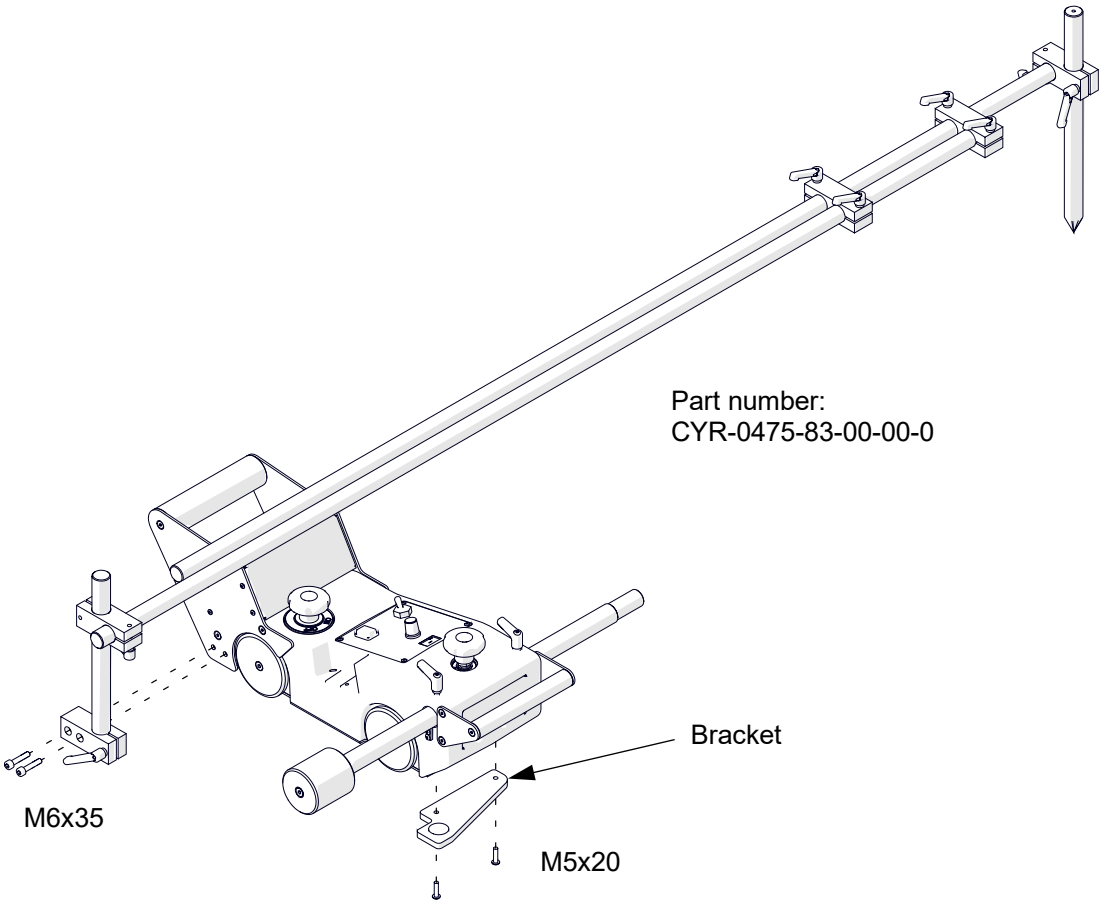
5.7. Circle cutting attachment for 9 29/64″–39 3/8″ (240–1000 mm) radius

Allows cutting holes with the radius of 9 29/64″–39 3/8″ (240–1000 mm); when used with the standard rack). To install, use the 3 mm hex wrench and remove two front screws from the bottom plate and install the bracket in the same place with the included M5x20 screws. Use the 4 mm hex wrench to attach the arm to the side wall. Put the pilot pin above the center of the circle and use the lever to turn on the magnet.



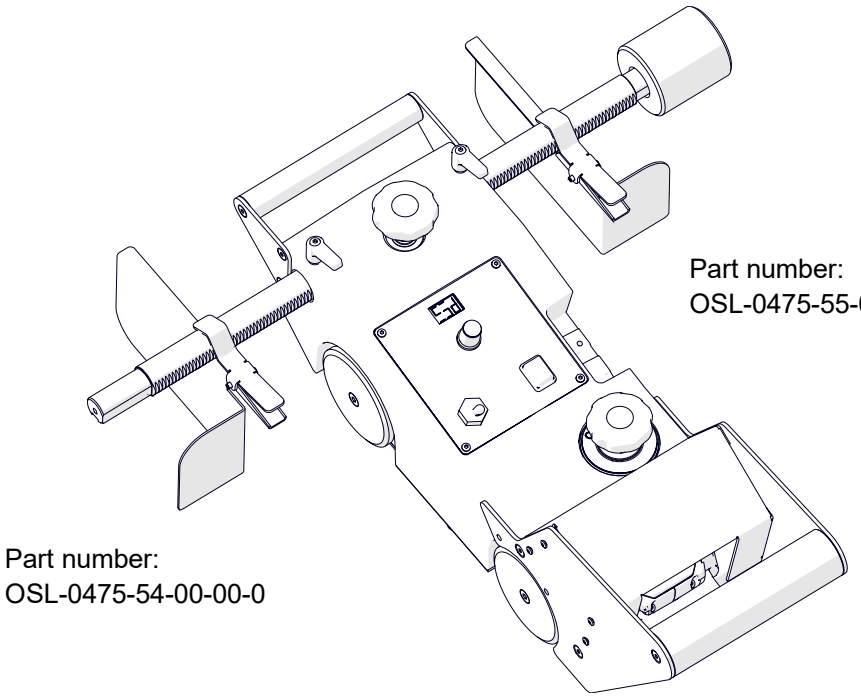
5.8. Circle cutting attachment for 15 3/4″–98 27/64″ (400–2500 mm) radius

Allows cutting holes with the radius of 400–2500 mm 15 3/4″–98 27/64″ (400–2500 mm); when used with the standard rack). To install, use the 3 mm hex wrench and remove two front screws from the bottom plate and install the bracket in the same place with the included M5x20 screws. Use the 5 mm hex wrench to attach the arm to the side wall. Put the tip of the pilot pin in the center of the circle and tighten the levers of the attachment.



5.9. Left and right heat protection shield

Additionally protect the carriage from a high temperature.

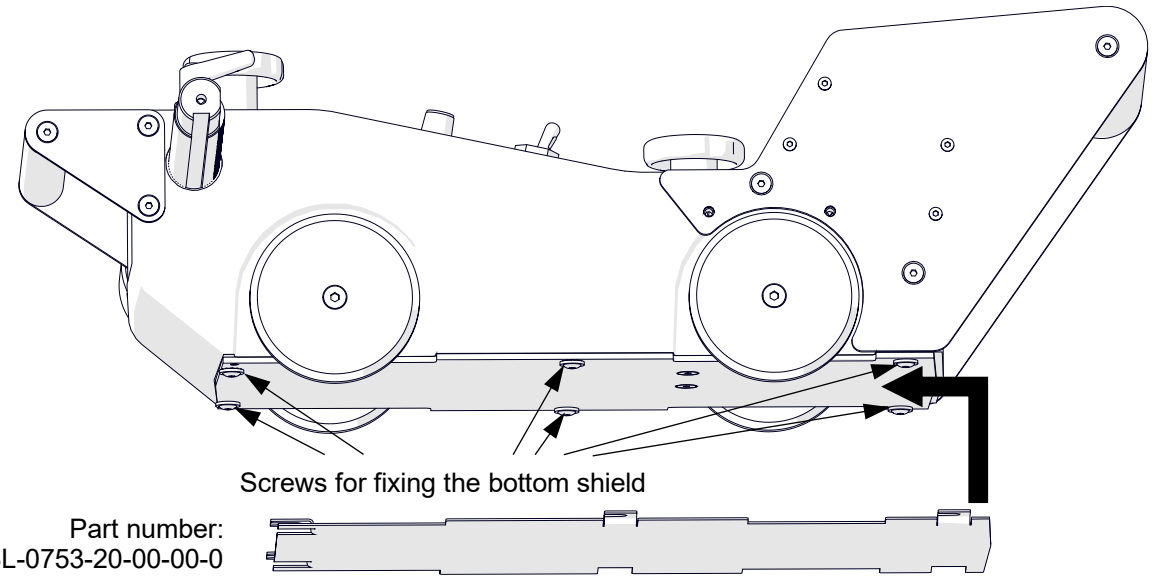


Part number:
OSL-0475-55-00-00-0

Part number:
OSL-0475-54-00-00-0

5.10. Bottom heat protection shield

Additionally protects the carriage from a high temperature. To install, loosen six screws with the 3 mm hex wrench, put the shield under the heads of the screws according to the direction of the arrow, and then tighten the screws.



Screws for fixing the bottom shield

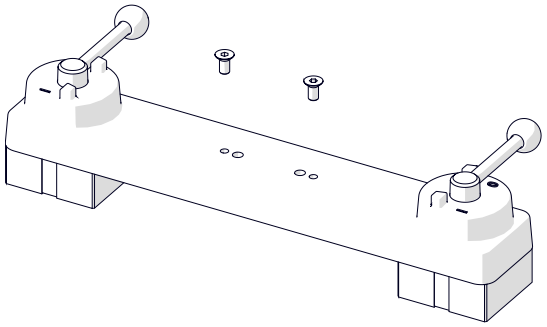
Part number:
OSL-0753-20-00-00-0

5.11. Magnetic units

5.11.1. Magnetic unit

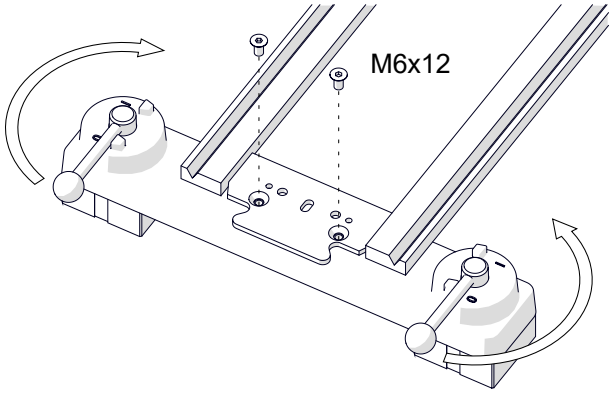
Allows clamping the track to ferromagnetic surfaces.

Part number:
ZSP-0475-92-00-00-0



Holding force on a 13/64″ (5 mm) thick surface	Temperature
100% (1200 N)	68°F (20°C)
75% (900 N)	176°F (80°C)
50% (600 N)	248°F (120°C)

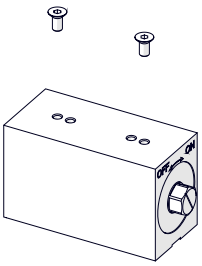
Use the 4 mm hex wrench to attach the unit as shown in the figure. Then, set the levers to ‘I’.



5.11.2. Narrow magnetic unit

Allows clamping the track to ferromagnetic surfaces.

Part number:
PDS-0582-10-00-02-0

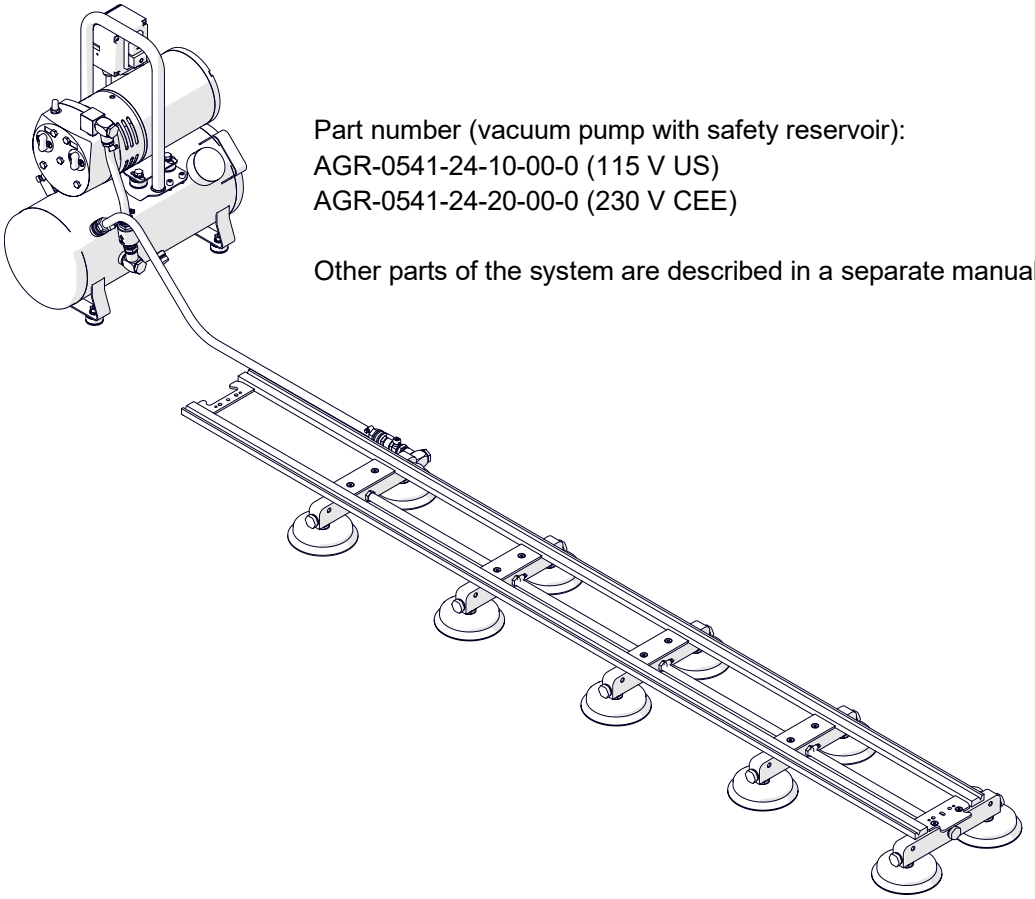


Holding force on a 13/64″ (5 mm) thick surface	Temperature
100% (1000 N)	68°F (20°C)
75% (750 N)	176°F (80°C)
50% (500 N)	248°F (120°C)

Install the unit in the same way as the magnetic unit is installed. To clamp the unit to the surface, use the 17 mm flat wrench (not included) and set the side screw to ON.

5.12. Vacuum track system

Allows clamping the track to non-ferromagnetic surfaces.

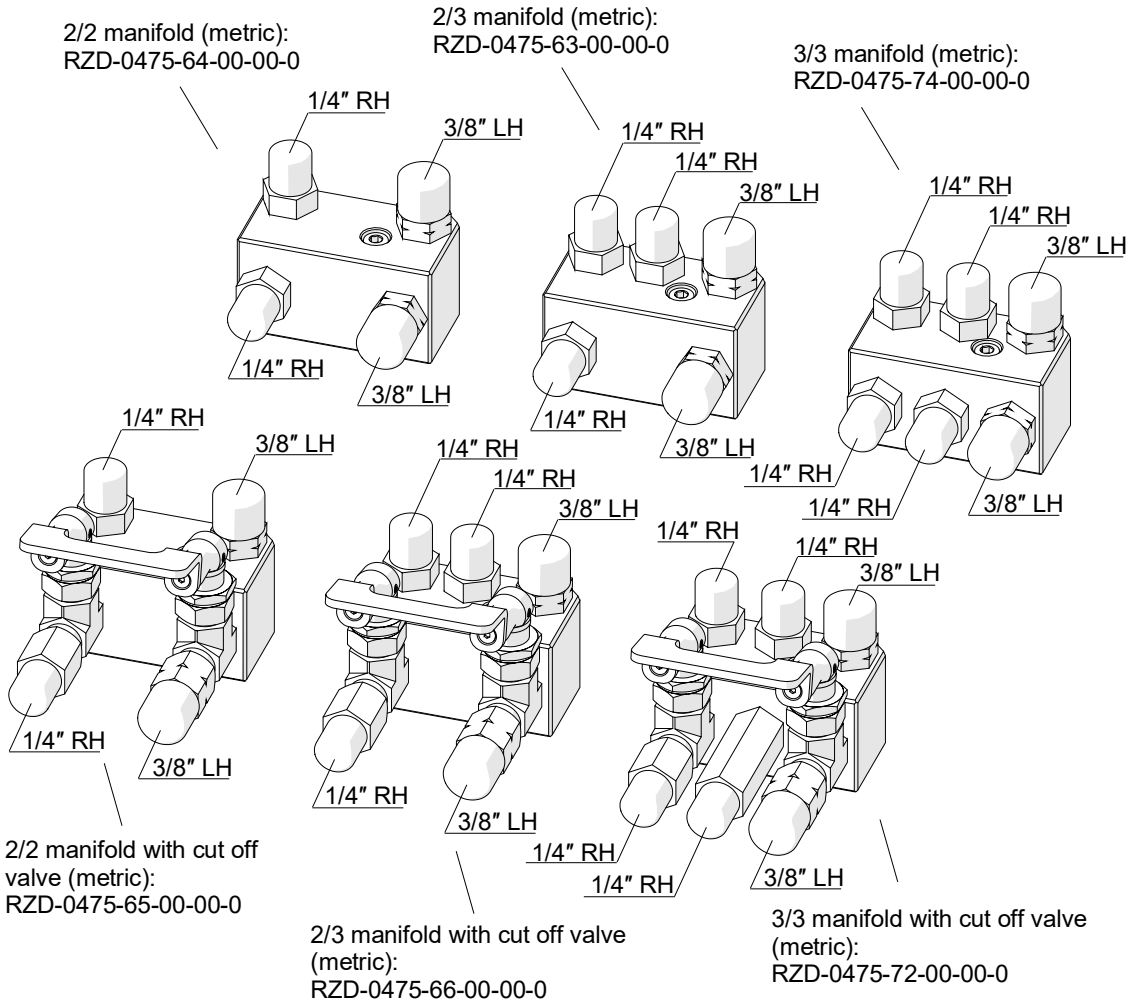


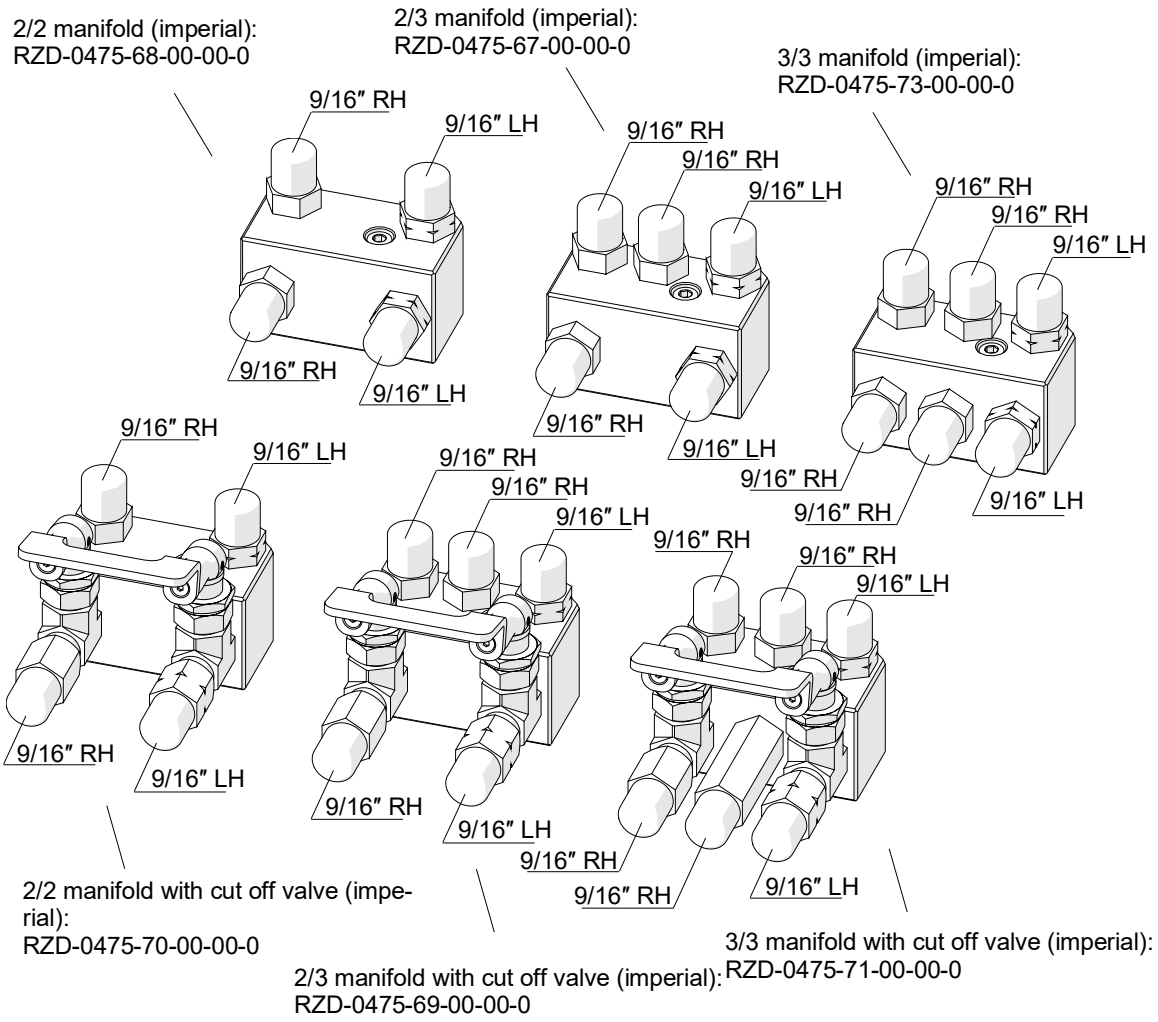
Part number (vacuum pump with safety reservoir):
AGR-0541-24-10-00-0 (115 V US)
AGR-0541-24-20-00-0 (230 V CEE)

Other parts of the system are described in a separate manual.

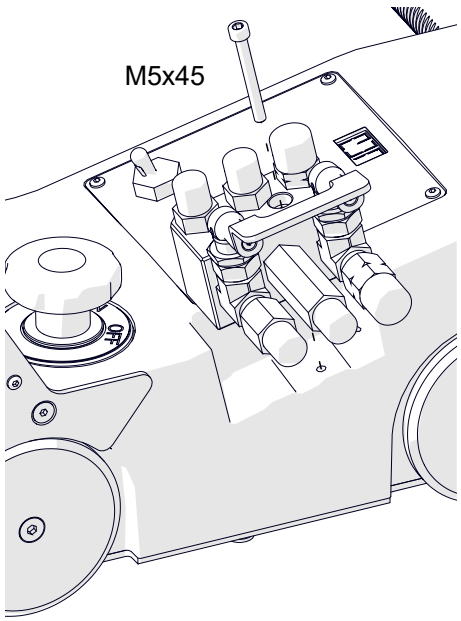
5.13. Gas manifold (for oxy-fuel cutting)

Provides safe gas delivery to 2- or 3-hose torches. Manifolds are available with or without gas cut-off valve in both metric and imperial versions.





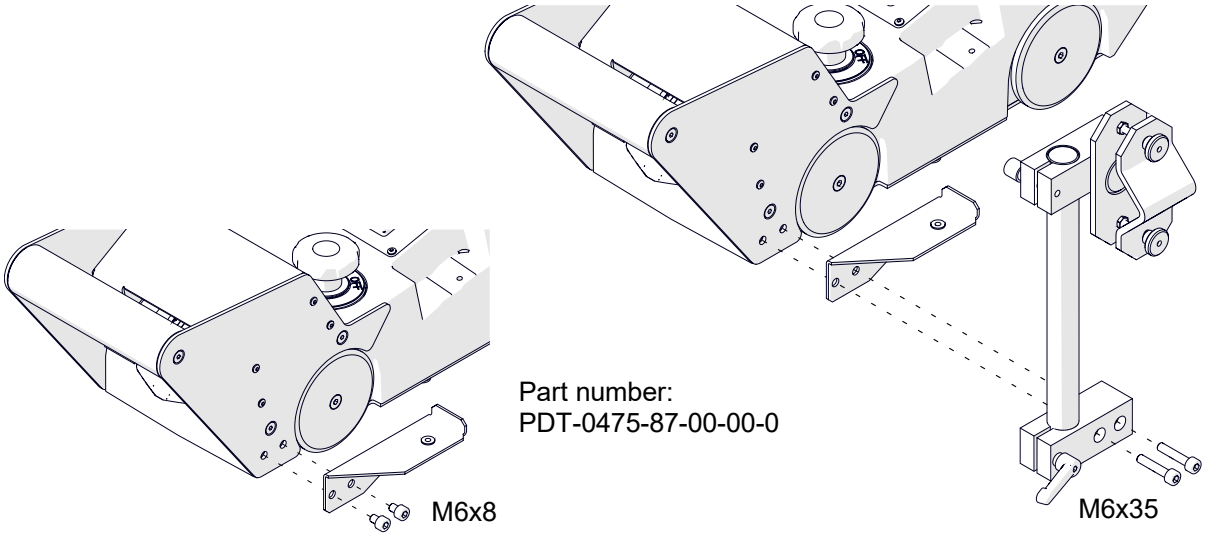
Install with the 4 mm hex wrench as shown in the figure.



5.14. Gas manifold bracket (for oxy-fuel cutting)

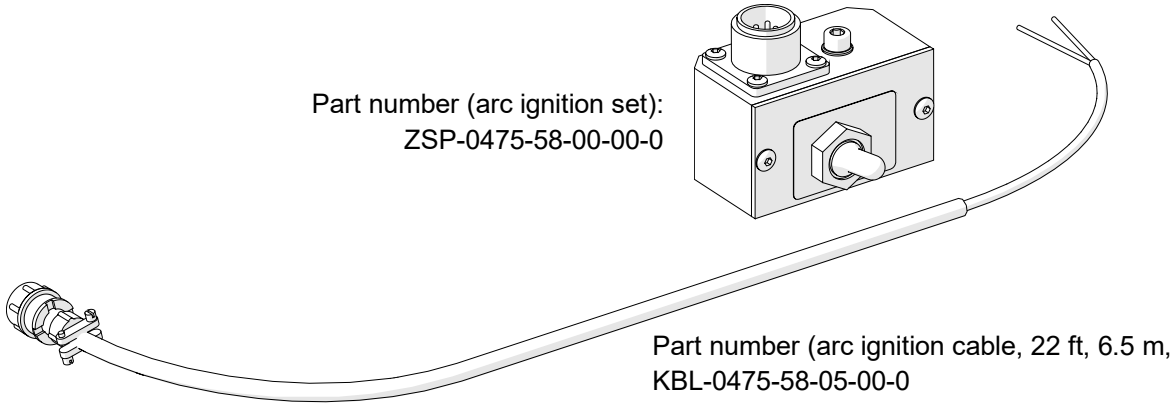
Allows use of a second gas manifold.

Install with the 5 mm hex wrench as shown.

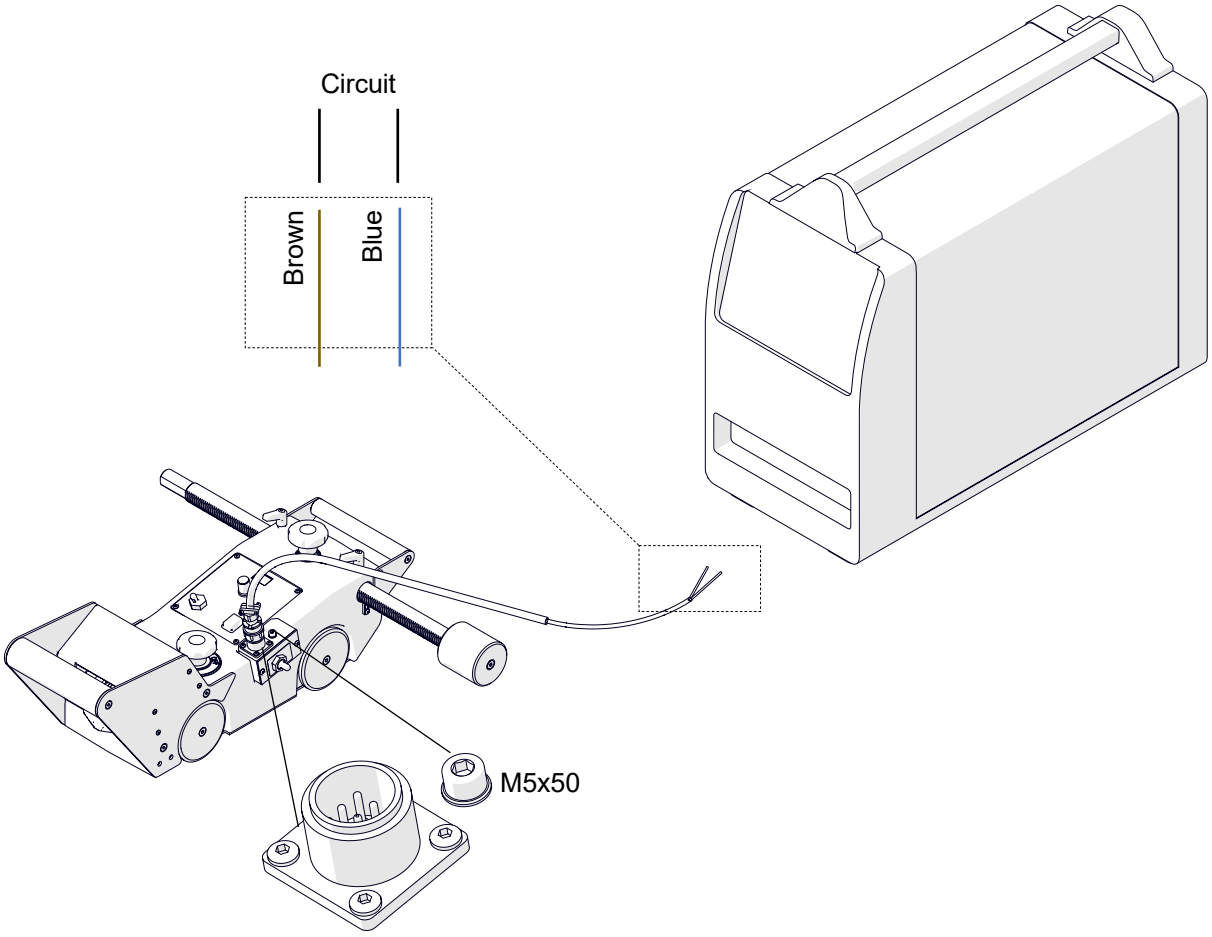


5.15. Arc ignition set (for plasma cutting)

Allows control of torch by using the arc ignition cable.



Install with the 4 mm hex wrench as shown in the figure. Plug the cable into the socket. Refer to the diagram from the figure and connect one brown wire to one terminal of the cutting circuit. Then, connect the blue wire to the other terminal of the same circuit.

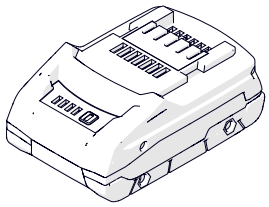


5.16. Battery

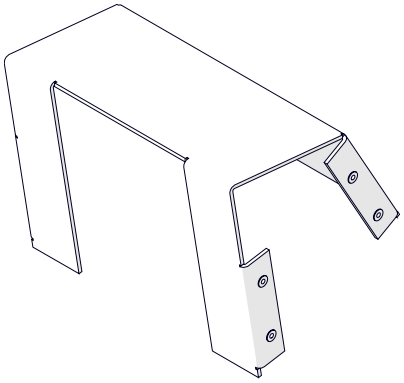
Power source required for machine operation.

Part number (4 Ah):
AKM-0738-10-00-01-0

Part number (10 Ah):
AKM-0738-10-00-02-0

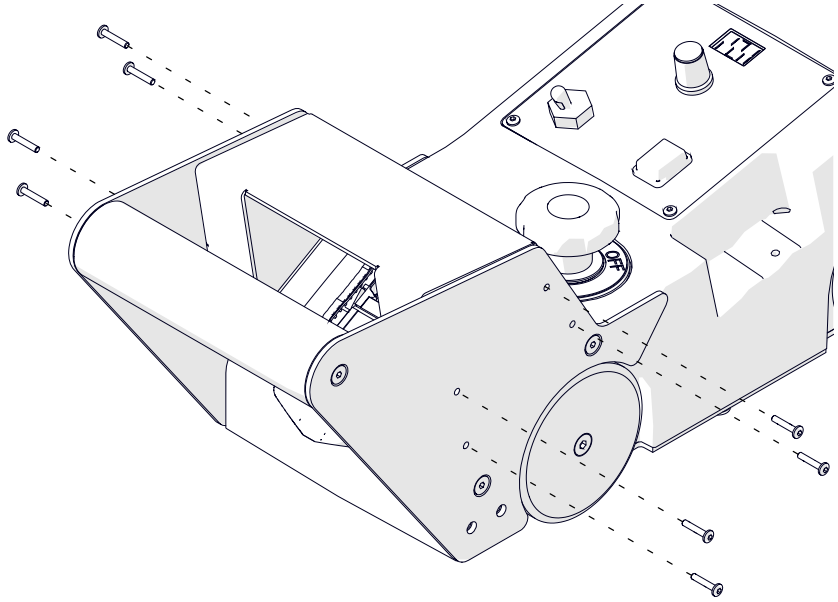


To use a 10 Ah battery, the installation of a large battery cover is required.



Part number:
OSL-0788-08-00-00-0

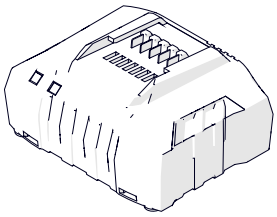
To install, use a 2.5 mm hex wrench to loosen the screws and remove the standard cover. Install the large battery cover in the same place.



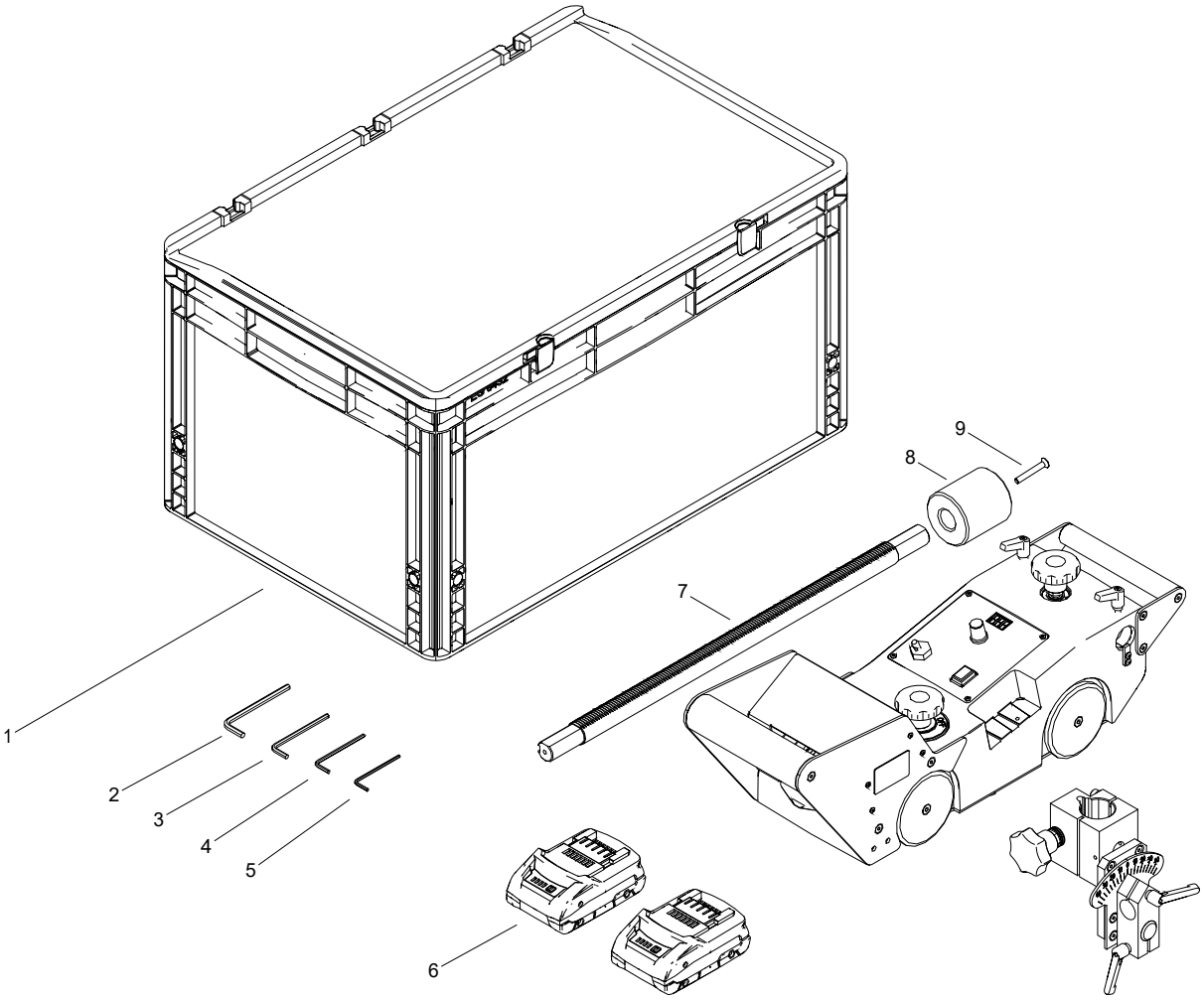
5.17. Charger

Charges the battery from the power source.

Part number:
LDW-0738-04-00-30-0 (UK)
LDW-0738-06-00-30-0 (AUS/NZ)
LDW-0738-10-00-30-0 (EU)
LDW-0738-24-00-30-0 (USA/CND)

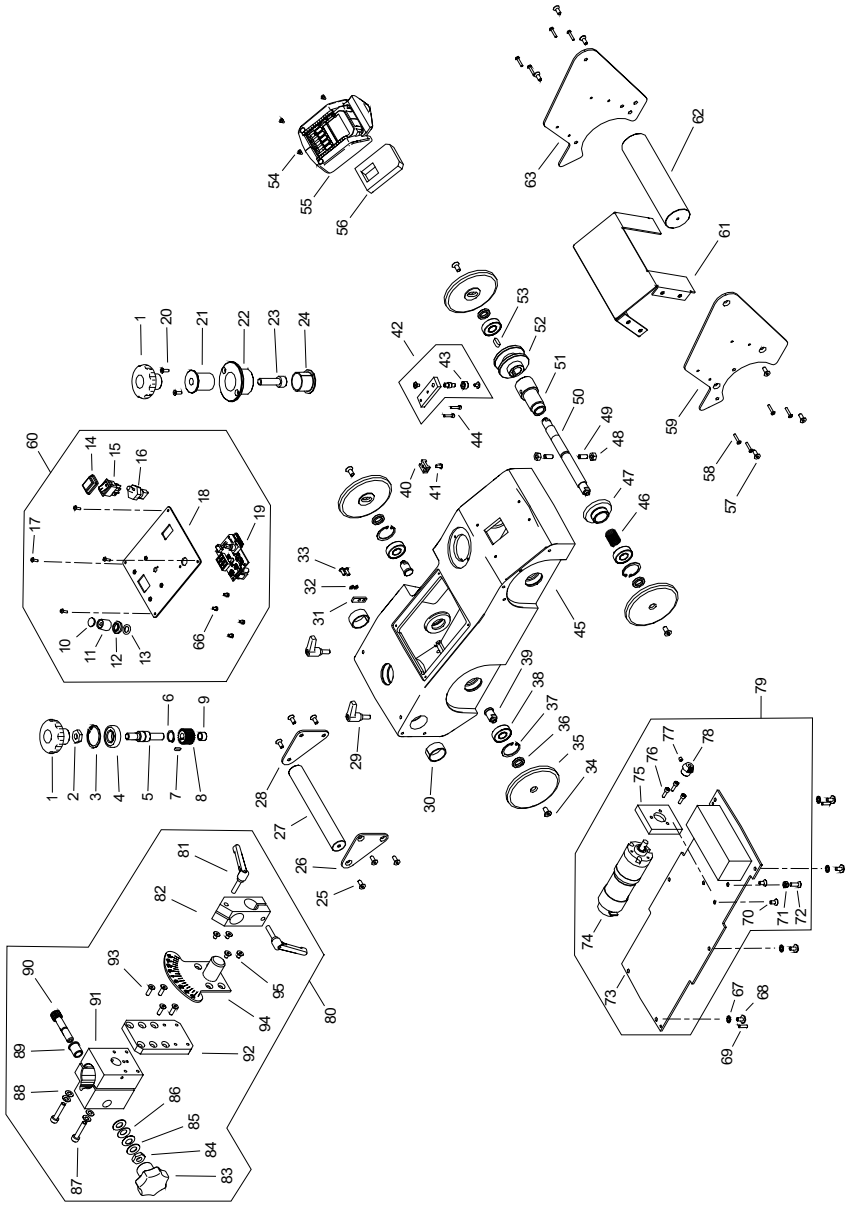


6. EXPLODED VIEWS AND PARTS LIST



ITEM	PART NUMBER	DESCRIPTION	Q-TY
1	SKR-000036	EURO BOX	1
2	KLC-000008	HEX WRENCH 5 MM	1
3	KLC-000007	HEX WRENCH 4 MM	1
4	KLC-000006	HEX WRENCH 3 MM	1
5	KLC-000005	HEX WRENCH 2.5 MM	1
6	AKM-000089	BATTERY	2
7*	WKL-0788-09-00-00-0	BOX INSERT	1

*not shown in the drawing



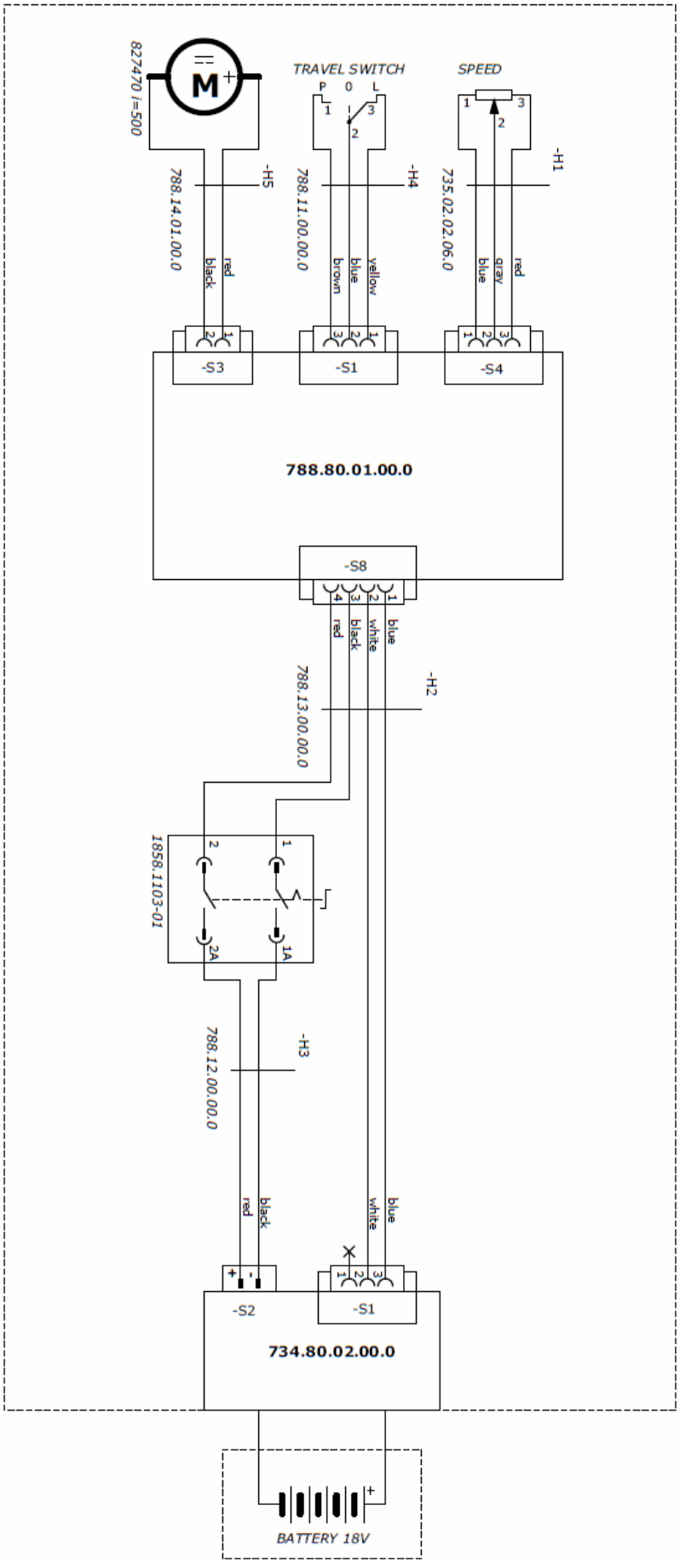
ITEM	PART NUMBER	DESCRIPTION	Q-TY
1	PKT-000032	STAR KNOB	2
2	NKR-000087	LOW HEX NUT M10	1
3	PRS-000022	INTERNAL RETAINING RING 32w	1
4	LOZ-000101	BALL BEARING 15x32x8	1
5	WLK-0475-06-02-00-1	GEAR SHAFT	1
6	PRS-000005	EXTERNAL RETAINING RING 15z	1
7	WPS-000005	PARALLEL KEY 3x3x10	1
8	KOL-0475-06-03-00-0	GEAR	1
9	TLJ-000095	SLIDE BUSHING 10x12x08	1
10	PKR-000053	KNOB LID	1
11	PKT-000040	KNOB 16 FOR MANDREL 6 MM	1
12	OSL-000196	KNOB COVER	1
13	PRS-000119	SEAL RING 9x3	1
14	OSL-000219	POWER SWITCH COVER	1
15	PNK-000059	POWER SWITCH	1
16	WZK-0788-11-00-00-0	TRAVEL DIRECTION WIRE SET	1
17	WKR-000287	HEX SOCKET BUTTON HEAD SCREW M3x10	4
18	MSK-0788-06-01-00-0	COVER ASSY	1

ITEM	PART NUMBER	DESCRIPTION	Q-TY
19	MDL-0735-80-01-00-0	CONTROLLER MODULE	1
20	WKR-000131	HEX SOCKET COUNTERSUNK HEAD SCREW M4x12	2
21	WLK-0753-16-02-00-0	COUPLING SHAFT	1
22	KRP-0753-16-01-00-0	SLEEVE BODY	1
23	SRB-000048	HEX SOCKET HEAD CAP SCREW M10x35	1
24	TLJ-000182	SELF LUBRICATING SLEEVE	1
25	WKR-000134	HEX SOCKET COUNTERSUNK HEAD SCREW M5x12	6
26	WSP-0753-30-00-00-0	LEFT BRACKET	1
27	UCW-0753-29-00-00-0	HOLDER	1
28	WSP-0753-31-00-00-0	RIGHT BRACKET	1
29	RKJ-000070	HANDLEVER GN 300-30-M6-16-SW	2
30	TLJ-000098	SELF LUBRICATING SLEEVE	2
31	BLD-0753-04-00-00-0	LOCK	1
32	PDK-000042	SPRING WASHER 4.1	2
33	WKR-000092	HEX SOCKET BUTTON HEAD SCREW M4x10	2
34	WKR-000141	HEX SOCKET COUNTERSUNK HEAD SCREW M6x12	4
35	KOL-0475-03-02-00-1	DRIVE WHEEL II	4
36	PDK-0256-00-13-00-0	DISTANCE WASHER	4
37	PRS-000018	INTERNAL RETAINING RING 28w	3
38	LOZ-000038	BALL BEARING 12x28x8	4
39	WLK-0475-03-01-00-0	BACK SHAFT	2
40	KTC-000001	MOUNT	1
41	WKR-000091	HEX SOCKET BUTTON HEAD SCREW M4x8	1
42	RAM-0753-15-00-00-0	SWITCH ARM ASSY	1
43	TLJ-0475-16-06-00-0	SLEEVE	1
44	SRB-000310	HEX SOCKET HEAD CAP SCREW M3x10	2
45	KRP-0788-01-01-00-0	CARRIAGE BODY	1
46	SPR-0256-00-07-00-0	CLUTCH SPRING	1
47	KOL-0475-04-05-00-0	GEAR	1
48	NKR-000017	HEX NUT M6	2
49	ZTR-000004	SPRING PLUNGER M6	2
50	WLK-0753-03-01-00-0	DRIVE SHAFT	1
51	ZBI-0753-03-03-00-0	DRIVER I	1
52	ZBI-0753-03-02-00-0	DRIVER II	1
53	WPS-000010	PARALLEL KEY 5x5x14	1
54	WKR-000579	HEX SOCKET BUTTON HEAD SCREW	4
55	GNZ-0734-01-05-00-0	BATTERY SOCKET ASSY	1
56	USZ-0688-17-00-00-0	SEAL	1
57	WKR-000134	HEX SOCKET COUNTERSUNK HEAD SCREW M5x12	6
58	WKR-000386	HEX SOCKET BUTTON HEAD SCREW M3x16	8
59	OSL-0788-04-00-00-0	COVER II	1
60	PNL-0788-06-00-00-0	CONTROL PANEL ASSY	1
61	OSL-0788-02-00-00-0	BATTERY COVER	1
62	RKJ-0753-14-00-00-0	HANDLE	1
63	OSL-0788-03-00-00-0	COVER I	1
66	WKR-000339	SELF-TAPPING SCREW M3x6	4
67	PDK-000062	EXTERNAL TOOTH LOCK WASHER 5.3	6
68	WKR-000469	HEX SOCKET ROUND HEAD SCREW WITH FLANGE M5x10	6
69	KLK-000077	SPRING PIN 4x14	2
70	WKR-000133	HEX SOCKET COUNTERSUNK HEAD SCREW M5x10	2
71	NKR-000016	HEX NUT M5	1
72	WKR-000136	HEX SOCKET COUNTERSUNK HEAD SCREW M5x16	1

ITEM	PART NUMBER	DESCRIPTION	Q-TY
73	PKR-0788-05-00-00-0	BOTTOM COVER ASSY	1
74	MTR-0788-14-01-00-0	MOTOREDUCER ASSY	1
75	WSP-0753-17-01-00-0	MOTOR BRACKET	1
76	SRB-000062	HEX SOCKET HEAD CAP SCREW M4x12	3
77	WKR-000047	HEX SOCKET SET SCREW WITH FLAT POINT M5x5	1
78	ZBK-0475-05-02-00-0	COG	1
79	ZSP-0788-14-00-00-0	MOTOR ASSY	1
80	UCW-0753-24-00-00-0	MACHINE TORCH HOLDER	1
81	RKJ-000043	HANDLEVER GN 300-45-M6-25-SW	2
82	KST-0475-08-03-00-0	BAR CLAMPING BLOCK	1
83	PKT-000039	KNOB D50xM10	1
84	NKR-000087	LOW HEX NUT M10	1
85	PDK-000194	WASHER 10x22x1	2
86	SPR-000053	DISC SPRING 10.2x20x0.5	2
87	SRB-000118	HEX SOCKET HEAD CAP SCREW M6x30	2
88	SPR-000010	DISC SPRING 6.2x12.5x0.6	4
89	TLJ-0261-04-04-00-0	SLIDE BUSHING	1
90	WLK-0475-29-04-00-0	PINION SHAFT	1
91	OBJ-0475-29-02-00-0	TORCH GRIP	1
92	ADT-0475-42-01-00-0	ADAPTER	1
93	WKR-000136	HEX SOCKET COUNTERSUNK HEAD SCREW M5x16	4
94	WSP-0753-08-01-10-0	BRACKET ASSY	1
95	WKR-000584	HEX SOCKET COUNTERSUNK HEAD SCREW	4
96*	WZK-0788-12-00-00-0	BATTERY SOCKET HARNESS	1
97*	WZK-0788-13-00-00-0	CONTROLLER SUPPLY HARNESS	1

*not shown in the drawing

WIRING DIAGRAM



7. DECLARATION OF CONFORMITY

Declaration of conformity

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

We declare with full responsibility that:

CUTTING CARRIAGE TORCH RUNNER CDL

is manufactured in accordance with the following standards:

- EN ISO 12100:2010
- EN 60204-1:2018
- EN IEC 60974-10:2021

and satisfies regulations of the guidelines: 2014/30/EU, 2006/42/EC, 2011/65/EU.

Person authorized to compile the technical file:
Artur Zawadzki, ul. Elewatorska 23/1, 15-620 Białystok, Poland

Białystok, 14 March 2024

Artur Zawadzki
CEO

8. ENVIRONMENTAL PROTECTION

In accordance with the European Directive 2012/19/EU, this device is marked with the symbol of the crossed-out waste bin. This marking means that the equipment must not be disposed of with other household waste after the service life. The user must return the product to a collection point for used electrical and electronic equipment. The collectors of used equipment, including local collection points, shops and municipal units create an appropriate system for returning such equipment. Correct handling of used electrical and electronic equipment helps in avoiding damage to health and the environment, which may result from the presence of dangerous components and incorrect storage and processing of such equipment.

9. WARRANTY CARD

WARRANTY CARD No.....

..... in the name of Manufacturer warrants the TORCH RUNNER CDL Cutting 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 damage or wear that arise from misuse, accident, tempering or any other causes not related to defects in workmanship or material.

Serial number .....

Date of sale .....

Signature and stamp of the seller .....

0.01 / 14 March 2024

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