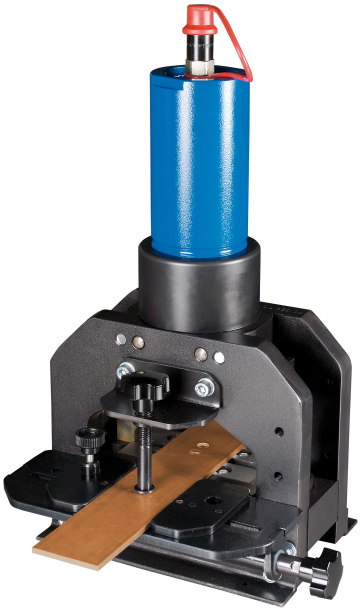
OPERATING MANUAL



CUTTER HC 125 TYPE

SWW 0792 # VHC125081117 PKWiU 29.56.25-90.00

Producent / Producer / Производитель

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Thank you for buying our product.
Before using this equipment, please carefully read the user and the maintenance manuals.

*** ERKO** has the right to introduce construction modifications due to equipment modernization.

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Before using this equipment, please read the operation manual and the industrial safety.

1. INSTALLATION

Busbar cutter HC 125 type is a hydraulic device designed for cutting Al and Cu busbars of maximum dimensions 12 mm (thickness) and 125 mm (width).

Hydraulic drive: H 700 foot pump or AH 300, AH 400 power units.

2. TECHNICAL DATA

Crimping force	**196 kN**
Working pressure	**630 bar**
Dimensions	**445 x 250 x 240 mm**
Weight	**31,5 kg**

3. STANDARD ACCESORIES

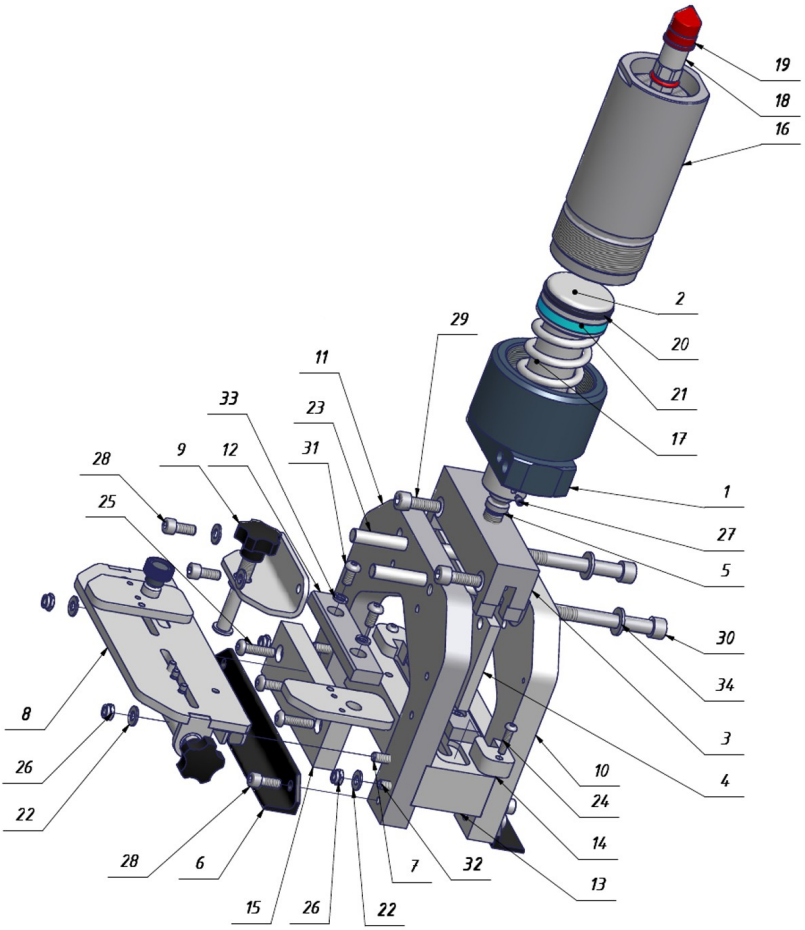
Busbar cutter HC 125 type is equipped with work table and side – guides.

4. MAINTENANCE AND OPERATION RECOMMENDATIONS

1. It is unacceptable to use busbar cutter for cutting other materials than those listed in this operating manual, because of the risk of damage cutting parts and the loss of warranty rights.
2. Cutting elements and piston rod should be periodically oiled.
3. After cutting the busbar check whether there are wastes under the bolster plate. Remove the waste if necessary.
4. Protect the equipment against the influence of atmospheric factors, corrosion, debris and mechanical damage.
5. The fast connection should be regularly cleaned to prevent debris from entering the circulation and damaging the pump, supporting equipment or fast connection.

5. CONSTRUCTION

SPARE PARTS



Lp.	quantity	description	Order part number
1	1	Connecting rod	HC125-01-03
2	1	Piston rod	HC125-01-04
3	1	Case	HC125-01-05-A
4	1	Moveable cutter	HC125-01-08-A
5	1	Pin	HC125-01-09
6	2	Angle plate	HC125-01-10-A
7	2	Skrew	HC125-01-13
8	1	Work table	HC125-02-00-A
9	1	Clamp	HC125-03-00
10	1	Arm	HC125-04-01-A
11	1	Arm	HC125-04-02-A
12	2	Fixed cutter	HC125-04-03-A
13	1	Cutter stand	HC125-05
14	2	Block	HC125-06
15	2	Cutter holder	HC125-07
16	1	Cylinder	HGD125-01-06-A
17	1	Spring	HGD125-01-10-A
18	1	Fast connector	PT-00
19	1	Cover	PT_OSLONA
20	1	Ring seal	HUTR_PS1400630-T46N
21	1	Guide ring	HUTR_GP6900630-C380
22	10	Washer	NEZP_P1A-8.4-OC
23	2	Parallel pin	NEZK_WH-12M6-110
24	2	Screw	NEZS_WKI-M6-25-10.9-OC
25	6	Screw	NEZS_WKI-M8-30-10.9-OC
26	4	Nut	NEZN_HNB-M8-OC
27	2	Bolt	NEZS_BI-M6-10W-CZ
28	6	Screw	NEZS_WI-M8-20-8.8OC
29	2	Screw	NEZS_WI-M10-30-8.8OC
30	2	Screw	NEZS_WI-M12-110-8.8OC
31	4	Screw	NEZS_WKI-M8-16-10.9-OC
32	2	Screw	NEZS_WI-M8-120-8.8OC
33	4	Elastic washer	NEZP_S-8.2-OC
34	2	Washer	NEZP_P1A-13-OC

6. OPERATION PRINCIPLES

STEP SEQUENCE WHILE CUTTING

1. Connect the busbar cutter HC 125 to the support (pump or power unit) by using fast- connector PT type[1].

2. Using the knob [7] set guides so that the axis of symmetry of the busbar overlap with the axis of symmetry of the cylinder after that fix guides.

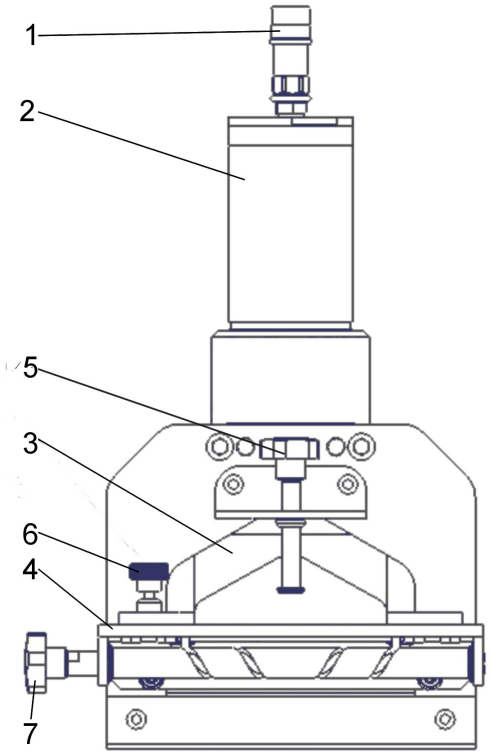
3. Move busbar to the required depth in the space between the cutting knife [3] and work table [4].

4. Note that the axis of symmetry of the busbar overlap with the axis of symmetry of the moveable cutter.

5. Using the knob [5] tighten the busbar.

6. Cut the busbar.

7. After finding the return of cutter [3] to its datum point, unscrew the set screw [5] and take the busbar out.



7. WORK SAFETY

1 . Before beginning operation with the cutter, check the hydraulic system tightness and if the hydraulic drive has been properly connected and if the operating elements have been fixed properly.
2. Before operation, check if the device is placed in such a way so it does not put the operator in danger.
3.Ensure free space around the operating station.
4.Manipulation with mobile parts of the equipment during cutting is forbidden
5.When powered by a hydraulic generator, it is forbidden to switch it on during completion of any maintenance (assembly and disassembly, setting the machined elements.
6.Switch the power unit on only after making sure that the preparation has been finished and there is no danger of injuring any body parts.

8. SERVICE

ERKO provides full service both during and after the guarantee period.

9. DISPOSAL

After the end of the exploitation period, utilize or recycle the particular elements of this equipment according to the regulations in force.

"According to the regulations of the Act of 29 July 2005 on ZSEiE it is forbidden to dispose of worn out equipment labeled with the crossed out basket with other waste.
In order to dispose of electronic or electric equipment, operators are obliged to deliver it to a specialized center of used equipment.
The above regulatory responsibility was introduced in order to limit the amount of waste of worn out electric and electronic equipment and to ensure the proper collection, retrieval and recycling levels. Such equipment does not contain dangerous components that would have a particularly negative effect on the environment or health."